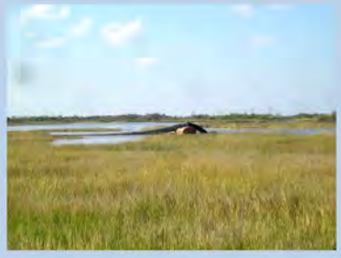
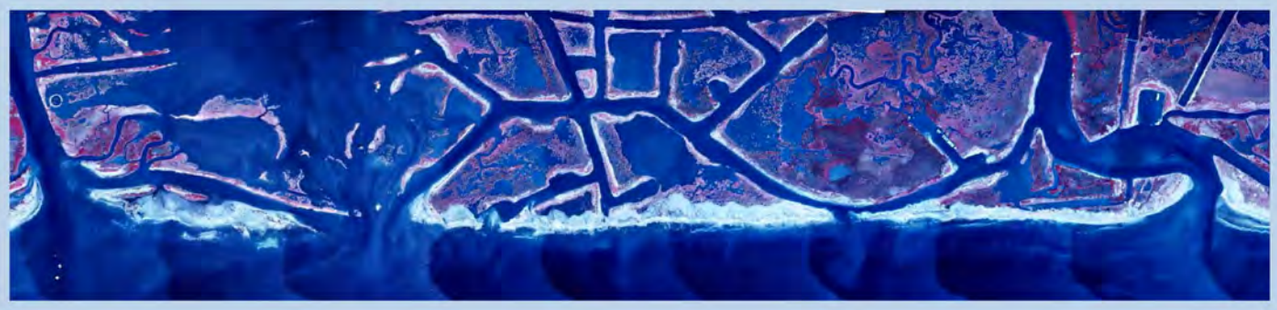
Coastal Planning & Engineering, Inc.

Chaland Headland Restoration (BA-38-2) CWPPRA Project:
Project Completion Report



Prepared for:
National Oceanic and Atmospheric Administration &
Louisiana Department of Natural Resources

Submitted: November 2008



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PROJECT COMPLETION REPORT

Project Name: CHALAND HEADLAND RESTORATION CWPPRA PROJECT

CWPPRA/State Project No. BA-38-2

Report Date: November 7, 2008 By: Coastal Planning & Engineering, Inc.

1. Project Managers/Contracting Officer

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2. Location and Description of the Project as Approved for Construction by the Task Force

The project is located along the Plaquemines/Barataria Shoreline. The Chaland Headland segment is about 3.1 miles long, and is located between Pass La Mer and Chaland Pass, in south Plaquemines Parish, Louisiana.

Wetland, dune, and swale habitats within the project area have undergone substantial loss due to subsidence, sea-level rise, oil and gas activities (e.g., pipeline construction), and marine and wind induced shoreline erosion (i.e., gulfside and bayside). Marine processes acting on the abandoned deltaic headland rework and redistribute previously deposited sediment. The shoreline has breached in several locations, resulting in the formation of new tidal inlets.

The project's primary goals are 1) to prevent breaching of the barrier shoreline by increasing its width and average height and 2) to protect and create dune, swale, and intertidal marsh habitats.

Restoration of Chaland Headland will result in the restoration and creation of about 180 acres of dune, beach and berm, and the restoration and creation of about 246 acres of intertidal saline marsh. About 2.5 million cubic yards of sand and silt will be mined from an offshore borrow area in the Gulf of Mexico to construct the dune and marsh features. Additional features include installation of sand fencing concurrent with dune construction, dune and marsh vegetative plantings, post-construction gapping of retention dikes and creation of tidal features.

3. Final As-Built Features, Boundaries and Resulting Acreage

The Contractor, Weeks Marine, Inc., was paid for the placement of 1,748,443 cubic yards of beach fill and 735,206 cubic yards of marsh fill. However, the Contractor overfilled the template and the total volume placed was approximately 2,443,500 cubic yards of beach fill and 927,400 cubic yards of marsh fill. The total volume of material removed from the borrow area was approximately 3,967,400 cubic yards. The non-pay ratio for the beach fill was 1.4 (2,443,500/1,748,443). The non-pay ratio for the marsh fill was 1.3 (927,400/735,206).

The total volume of fill measured on the island (including fill placed outside the pay template) was approximately 3,370,900 cubic yards. The pit to fill ratio was thus 1.18 (3,967,400/3,370,900). The pit to pay ratio was 1.60 (3,967,400/(1,748,443 + 735,206)).

Beach fill was placed continuously along the length of the project area. The beach fill had a berm crest elevation of +6.0 feet NAVD with a maximum berm crest width of 280 feet. A beach slope of 1V:45H was constructed from the top of the berm crest to the pre-existing grade between Station 8+00 and Station 83+00. A beach slope of 1V:30H was constructed from the top of the berm crest to the mean water line (+1.0 feet NAVD) and a beach slope of 1V:90H was constructed from the mean water line to the pre-existing grade between Station 84+00 and Station 140+51.

Marsh fill was placed continuously along the length of the project area between the beach and the primary dike. The elevation of the placed marsh fill was +2.5 feet NAVD. The marsh fill was placed after filling the northern toe of the beach and achieving the 1V:45H northern slope from the +2.5 feet NAVD contour to the pre-existing grade.

Sand fencing was installed along the length of the project area to minimize wind blown erosion. A double row of sand fence with an 80-foot gap centered about the berm crest was installed between Station 8+00 and Station 109+00. A single row of sand fence located approximately 50 feet north of the northern dune crest was installed between Station 109+00 and Station 121+00. The northern component of a double row of sand fence with a 40-foot gap was installed approximately 30 feet south of the dune vegetation line between Station 121+00 and Station 140+51. A single row of sand fence located approximately 30 feet south of the dune vegetation line was installed between Station 140+51 and Station 150+00. Passages through the fencing were spaced at 450-foot intervals.

The as-built drawings are attached. These drawings detail the elevation and location of the placed beach and marsh fill, final borrow area survey, the location of the installed sand fence and settlement plates, and the location of the analyzed sand samples.

Beach and marsh acreages are computed to quantify project benefits. The construction template (including beach and dune, marsh, and the oil infrastructure access canal) defines the horizontal limits used to quantify the project benefits. The 2.5-foot NAVD contour north of the landward dune crest defines the northern and southern extents of the beach and marsh. Land north of this contour with an elevation above -1.5 feet NAVD was considered marsh, whereas, land south of this contour with an elevation above 0 feet NAVD was considered beach. Approximately 230 acres of beach and 254 acres of marsh existed within the project area immediately following construction.

Actual Benefited Acres: **230 acres of constructed beach**
254 acres of created marsh

4. Habitat Acreages

Barrier island shoreline projects are evaluated for environmental benefits using quantitative projections of plan form performance. Performance is quantified using habitat acreage descriptions for the wetland value assessment (WVA). The range of various habitat elevations and associated descriptions are defined in Table 1. The habitat acreages were calculated for the pre-construction, post-construction, and design template conditions to assist in future WVA calculations.

Table 1
Habitat Acreage Descriptions

Habitat	Description
Dune	≥ +5 feet, NAVD The portions of the dune platform anticipated to be within the elevation range.
Supratidal	≥ +2 feet to < +5 feet, NAVD Beach berms and portions of the fore and back slope of the dune within the elevation range. Also includes primary retention / containment dikes for the period anticipated to remain in the elevation range. Generally includes a major portion of the marsh platform until the time dewatering and consolidation reduce the elevation to intertidal.
Gulf Intertidal	≥ 0 feet to < +2.0 feet, NAVD Gulf side beach slope / shallow open water.
Bay Intertidal	≥ 0 feet to < +2.0 feet, NAVD Bayside elevations including vegetated wetlands, flats and bayside open water areas.
Subtidal	≥ -1.5 feet to < 0.0 feet, NAVD or 1,000 feet bayward of the 0.0 feet contour. Shallow Open water bayside area only.

The construction template (including beach and dune, marsh, and the oil infrastructure access canal) defined the horizontal limits of the WVA. Intertidal acreages calculated north of the project baseline were assumed to be Bay Intertidal. Intertidal acreages calculated south of the

project baseline were assumed to be Gulf Intertidal. The profile lines shown in the plans were used to develop the WVA acreages. The length of habitat elevation along each line was determined. This was then multiplied by the effective distance of that profile line to determine the area. The WVA acreages are shown in Table 2.

Table 2
Habitat Acreages

Habitat	Pre-Construction Acreage	Template Acreage	Post-Construction Acreage
Dune	2.8	111.8	81.1
Supratidal	83.9	316.0	333.5
Gulf Intertidal	13.3	26.5	59.5
Bay Intertidal	156.7	5.5	9.7
Subtidal	76.9	1.9	0.7
Total	333.6	461.7	484.5

Assumptions:
1. The construction template defines the WVA horizontal limits.
2. Intertidal acreages calculated north of the project baseline are assumed to be Bay Intertidal.
3. Intertidal acreages calculated south of the project baseline are assumed to be Gulf Intertidal.

5. Key Project Cost Elements

Table 3
Key Project Cost Elements

Project Element	Project Cost Estimate	Cost Incurred as of Construction Completion
Construction	$24,450,300.00	$14,863,025.07
Engineering & Design	$726,760.75	$757,698.75
Observations / Contract Administration	$486,955.00	$634,620.00
Total	$25,664,015.75	$16,255,343.82

Notes:
1. Project cost estimate included a 25% contingency.
2. Engineering and design costs were split equally with Pelican Island work.

6. Items of Work Construction, Final Quantities, and Monetary Amounts

Table 4
Items of Work Construction, Final Quantities, and Monetary Amounts

Item No.	Item	Bid Quantity	Unit	Construction Cost Estimate Unit Price	Construction Cost Estimate	Bid Unit Price	Bid Amount	Final Quantity	Final Amount	% Over / Under
1	Mobilization & Demobilization	1	Job	$2,300,000.00	$2,300,000.00	$1,663,000.00	$1,663,000.00	1	$1,663,000.00	-28
2	Performance & Payment Bonds	1	Job	$115,000.00	$115,000.00	$85,000.00	$85,000.00	1	$85,000.00	-26
3	Island Breach Closure	1	Job	$230,000.00	$230,000.00	$165,000.00	$165,000.00	1	$165,000.00	-28
4	Dune & Beach Fill	1,792,200	CY	$8.34	$14,942,600.00	$5.55	$9,946,710.00	1,748,443	$9,703,858.65	-35
5	Marsh Fill	950,200	CY	$5.46	$5,190,600.00	$3.05	$2,898,110.00	735,206	$2,242,378.30	-57
6	Primary Dikes	20,294	LF	$40.25	$816,900.00	$13.35	$270,924.90	16,273	$217,244.55	-73
7	Oil Infrastructure Access Canal Dredging	2,960	LF	$92.03	$272,400.00	$44.55	$131,868.00	2,960	$131,868.00	-52
8	Canal Closures	3	EA	$57,500.00	$172,500.00	$18,750.00	$56,250.00	3	$56,250.00	-67
9	Sand Fencing	27,390	LF	$11.50	$315,000.00	$7.75	$212,272.50	27,349	$211,954.75	-33
10	Settlement Plates	7	EA	$1,385.71	$9,700.00	$1,885.00	$13,195.00	7	$13,195.00	36
11	Signs	5	EA	$1,380.00	$6,900.00	$1,645.00	$8,225.00	5	$8,225.00	19
12	Pre-Construction Survey	1	Job	$32,700.00	$32,700.00	$74,200.00	$74,200.00	1	$74,200.00	127
13	As-Built Survey	1	Job	$46,000.00	$46,000.00	$24,440.00	$24,440.00	1	$24,440.00	-47
	Sub-Total of Bid Items				**$24,450,300.00**		**$15,549,195.40**		**$14,596,614.25**	**-40**
14	Mod. 1 Additional Insured	-	-	-	-	-	-	-	-	-
15	Mod. 2 Dredge Robinson Canal	1	Job	$267,710.00	$267,710.00	1	$238,887.00	1	$238,887.00	-11
16	Mod. 3 Re-Establish Survey Marker	1	Job	$15,376.33	$15,376.33	1	$32,993.62	1	$32,993.62	115
17	Mod. 4 Contract Time Extension	-	-	-	-	-	-	-	-	-
18	Mod. 5 Sand Fencing Posts	27,390	LF	-	-	($0.20)	($5,478.00)	27,349	($5,469.80)	-
19	Mod. 6 Additional Beach and Dune Fill	1	Job	-	-	-	$988,234.45	-	-	-
20	Mod. 7 Post Construction	1	Job	-	-	-	($988,234.45)	-	-	-
21	Mod. 8 Final Change	1	Job	-	-	-	($952,572.95)	-	-	-
	Total				**$24,733,386.33**		**$14,863,025.07**		**$14,863,025.07**	**-40**

7. Construction and Construction Oversight

Prime Construction Contractor	Weeks Marine, Inc.
Subcontractor (Pre-Construction Survey)	C&C Technologies, Inc.
Subcontractor (Post-Construction Survey)	C.H. Fenstermaker & Associates, Inc.
Subcontractor (Sand Fence Installation)	Soil Erosion Services, Inc.
Original Construction Contract	$15,549,195.40
Change Orders	($686,170.33)
Cost Reduction due to Underfilling	$0.00
Final Construction Contract	$14,863,025.07

8. Oversight and Administration for Construction

Construction Oversight Contractor	Coastal Planning & Engineering, Inc.
Final Amount	$634,620.00

9. Major Equipment Used

Weeks Marine, Inc.

- 4600 Manitowoc Bucket Dredge 542
- Linkbelt Dragline Bucket Dredge 418
- 30" Cutterhead Dredge "Tom James" (renamed the "Capt. Frank" in Oct 2008).
- Quarters Barge
- 3 Tug Boats (Captain John, Miss Helen, Augusta)
- 2 Crew Boats (Bayou Princess, Cheyane)
- 3 Survey Skiffs
- 4 D-6 Bulldozers
- 2 Marsh Buggies
- 1 Front End Loader

10. Construction Sequence

Pre-Construction Survey (October 24, 2005 – May 12, 2006)
C&C Technologies, a subcontractor for Weeks Marine, surveyed the project area prior to construction. A total of 145 beach lines and 60 marsh lines were surveyed. The beach lines were spaced at 100 feet and extended 250 feet south of the seaward toe of fill. The marsh lines were spaced at 242 feet and extended 125 feet north of the northern toe of the primary dike. The pre-construction survey data was used by the Government to update the construction plans and prepare the final cross-sections.

Robinson Canal Dredging (March 25, 2006 – April 4, 2006)
Conditions caused by Hurricanes Katrina and Rita in August and September 2005 delayed the start of construction by 118 days. The Contractor, Weeks Marine, began the project by dredging Robinson Canal to gain access to the project site. The canal was dredged to a depth of -7 feet NAVD with a bottom width of 60 feet and side slopes of 1V:1H. Weeks Marine used a 6 cubic

yard clamshell bucket to dredge Robinson Canal. Dredging began from the north access and continued approximately 1.32 miles south to a location approximately 1.25 miles north of the project site. The spoil was side cast east and west of the canal.

Oil Infrastructure Access Canal Dredging (April 14, 2006 – June 28, 2006)
Upon completion of Robinson Canal dredging, Weeks Marine started dredging the oil infrastructure access canal. The canal was dredged to a depth of -7 feet NAVD with a bottom width of 30 feet and side slopes of 1V:2H. Dredging began from the west access near Station 92+12 and continued east to Station 121+16. Weeks Marine used a 1 cubic yard clamshell bucket to dredge the south side of the canal. Spoil from the south side of the canal was side cast south to construct the primary dike. A 6 cubic yard clamshell bucket dredged the remaining width of the canal and placed the spoil on a mud barge. The total length of the dredged canal was approximately 2,960 feet.

Primary Dike Construction (April 4, 2006 – June 28, 2006)
Primary dike construction was performed in parallel with the dredging of the oil infrastructure access canal. The primary dike was constructed to an elevation of approximately +5 feet NAVD with a crest width of 5 feet and side slopes of 1V:8H. The primary dike west of Station 53+40 was constructed using spoil from the adjacent source within the marsh fill footprint. Spoil from the oil infrastructure access canal was used to construct the primary dike at locations with no adjacent fill sources or where pipelines prevented excavation adjacent to the dike (Sta. 58+23 to Sta. 92+12 and Sta. 121+16 to Sta. 140+51). Marsh buggies were used to shape and assist in capping the primary dike as several lifts were required to achieve the design elevation. The total length of the constructed primary dike was approximately 16,270 feet.

Canal Closures (May 10, 2006 – June 26, 2006)
After constructing the primary dike, Weeks Marine closed three canals to complete the northern barrier of the created marsh. The canal closures were constructed to an elevation of approximately +5 feet NAVD with a crest width of 20 feet and side slopes of 1V:8H. All canal closures were constructed using spoil from the oil infrastructure access canal. The canal closure between Station 90+42 and Station 92+12 was completed first followed by the closure between Station 124+40 and Station 126+00. The canal closure between Station 53+40 and Station 58+23 was completed after the island breach between Station 34+04 and Station 53+40 was filled.

Overburden Removal (May 29, 2006 – December 4, 2006)
The Contractor periodically stripped overburden to uncover sand within the Quatre Bayou borrow area. The overburden was either pumped to the marsh creation area or side cast within the horizontal limits of the borrow area. Weeks Marine side cast overburden for seven days prior to pumping sand to the beach. Forty-six percent of the total dredge time was spent removing overburden from the borrow area. Twenty-one percent of the stripped overburden was pumped to the marsh and seventy-nine percent was side cast.

Beach and Dune Construction (June 5, 2006 – December 6, 2006)
The 30-inch cutterhead dredge "Tom James" was used to construct the beach and marsh. The submerged line came ashore at Station 29+20. A 90º dredge pipe elbow pointed upwards at the

end of the discharge pipe to reduce flow velocities. A series of Y-valves were used to separate the single discharge pipe into multiple discharges to further reduce the discharge velocities at the end of the pipe.

Beach construction started in an easterly direction from Station 29+20. The template between Station 29+20 and Station 53+40 was filled to an elevation of approximately +4 feet NAVD. After hydraulically closing the western breach, the discharge direction was switched to fill the template west of Station 29+20. Three outfalls were used to fill the template to an elevation of approximately +6 feet NAVD between Station 29+20 and Station 19+52. The Contractor encountered difficulty filling the template to +6 feet NAVD west of Station 19+52. The Government accepted the underfilled template west of Station 19+52 due to the volume of material that was placed outside of the template and the Contractor's good faith effort to fill the template.

The Contractor reoriented the discharge pipeline and started pumping east again. The template between Station 29+20 and Station 83+00 was then filled to an elevation of approximately +6 feet NAVD using two outfalls. However, the Contractor experienced difficulty in controlling the seaward toe of fill. Weeks Marine requested a slope adjustment on September 29, 2006. The seaward slope was changed from 1V:45H to 1V:30H between the dune crest (+6 feet NAVD) and the slope break (+1 foot NAVD) while the offshore slope was adjusted to 1V:90H. The seaward slope east of Station 84+00 was adjusted on October 5, 2006.

The template between Station 84+00 and Station 96+96 was filled east to an elevation of approximately +6 feet NAVD using two outfalls. The northern portion of the beach template was filled to an elevation of approximately +4 feet NAVD between Station 96+96 and Station 140+51 to allow for the placement of marsh fill. The Contractor then returned to Station 96+96 to fill the remaining template. The template was filled to an elevation of approximately +6 feet NAVD between Station 96+96 and Station 111+48. The fill elevation gradually decreased from approximately +6 feet NAVD at Station 111+48 to approximately +2 feet NAVD at Station 140+51.

Marsh Creation (June 29, 2006 – November 22, 2006)

The marsh template west of Station 53+40 was continuously filled to achieve the design elevation. Overburden was pumped to the marsh using a 30-inch diameter pipe with a 90º dredge pipe elbow pointed upwards at the end; the dredge pipe elbow was used to reduce flow velocities. Prior to advancing the shore pipe east, the marsh was filled to an elevation of approximately +3.2 feet NAVD west of Station 38+88 as Weeks Marine expected the fill to consolidate and achieve the design template elevation of +2.5 feet NAVD. However, the high sand content in the fill pumped to this cell of the marsh creation area resulted in less consolidation than expected by Weeks Marine. The marsh template between Station 38+88 and Station 53+40 was filled to an elevation of approximately +2.8 feet NAVD.

The marsh template east of Station 53+40 was constructed in parallel with the beach. Marsh fill was pumped during the day while beach fill was placed at night. Filling the marsh template during the day enabled the Contractor to monitor and control the fill elevation. Marsh buggies were used to make cuts in the fill area thus promoting flow and uniform fill. Letting the fill

settle overnight allowed the placed fill to uniformly spread throughout the marsh creation cell while reducing the impact to existing vegetation.

Overburden was pumped to the marsh east of Station 53+40 using a 30-inch diameter flexible PVC pipe without a diffuser on the end. The flexible PVC pipe was not advanced during marsh creation but was moved to different locations within the cell to achieve a uniform fill. The marsh template was filled to an elevation of approximately +2.5 feet NAVD between Station 53+40 and Station 106+64 and east of Station 124+40. The marsh template was filled to an elevation of approximately +2 feet NAVD between Station 106+64 and Station 124+40 as flow was restricted; marsh buggies did not make cuts in the marsh between Station 106+64 and Station 124+40 as rutting and channeling would have adversely impacted the existing marsh.

Sand Fence Installation (September 6, 2006 – December 29, 2006)
Sand fence was installed to aid in the stabilization and retention of sand within the project area. The sand fence consisted of 3/8-inch thick by 1½-inch wide by 4-foot long wooden slats with 2¼-inch gaps between slats which were connected with five strands of wire. The slats were painted with a red iron oxide stain. The sand fence was attached to untreated round 4-inch diameter by 8-foot long posts which extended approximately 4 feet above the ground. An auger was used to dig holes for the posts.

The Contractor installed a double row of sand fence between Station 7+42 and Station 149+30. The two rows of sand fence were separated by 80 feet, centered about the dune crest centerline. Each section of sand fence was approximately 450 feet long. There was a 30-foot overlap between each section and the overlapped sections had a 6-foot gap between them to facilitate ATV travel between the sand fence rows during post-construction monitoring. The total length of the installed sand fence was approximately 27,350 feet.

Settlement Plate Installation (May 10, 2006 – August 16, 2006)
Seven settlement plates were installed to monitor the post-construction subsidence of the island. The settlement plates consisted of a 4-foot by 4-foot by ¼-inch steel plate with a three-inch galvanized capped riser pipe connected to the center of the plate. The settlement plates were installed such that the top of the riser was between 3 and 8 feet above the proposed grade.

Navigation Warning Sign Installation (May 17, 2006 – June 28, 2006)
Five navigation warning signs were installed at canal closures to warn the public of the changed site condition. The warning signs were 3/16-inch aluminum plates 4 feet square with a 2-inch orange reflective boarder. The signs were attached to a 25-foot long treated timber pile driven into the ground such that the elevation of the top of the pile was approximately +11 feet NAVD.

11. Problems Encountered

Beach Template Overfill
The Contractor had problems controlling the seaward toe of fill. The beach template was overfilled by thirty-one percent with an additional 578,400 cubic yards of sand placed on the beach. An excess of 418,000 cubic yards of sand was placed on the beach, overfilling the beach template by thirty-nine percent, prior to requesting a slope adjustment. After adjusting the

offshore slope, the Contractor overfilled the beach template by twenty percent placing an additional 160,400 cubic yards of sand on the beach.

Marsh Template Overfill
The Contractor experienced problems filling the marsh to the design elevation (+2.5 feet NAVD) within the specified tolerance (+/- 0.3 feet). With an additional 164,600 cubic yards of overburden pumped to the marsh creation area, the marsh template was overfilled by twenty percent. Weeks Marine developed a system whereby they pumped marsh fill during the day and beach fill at night to better control the marsh fill elevation.

Pass La Mer
High losses were experienced at the west end of the project and the fill material nearly closed Pass La Mer. Shore parallel containment dikes were used to control the northern and southern extents of the fill. A north-south running containment dike was constructed at the west end of the project to control the western extent of the fill. When pumping sand west from Station 19+52 the slurry flowed between the north and south containment dikes toward Pass La Mer. The north-south containment dike rapidly eroded and allowed the slurry to flow into Pass La Mer. Prior to receiving direction from the Government, Weeks Marine stopped pumping beach fill west and dismantled the shore pipe. Temporary navigation fencing was placed across Pass La Mer to inform boaters of the changed conditions. Prior to project completion tidal flow re-opened Pass La Mer.

Survey Data Extents
The seaward extent of the pre-construction survey data placed limits on the slope adjustment design and post-construction volumetric analysis. The slope adjustment had to be designed such that the southern extent of the fill would not extend seaward of the pre-construction survey data so accurate pay volumes could be computed. The total volume of material placed could not always be accurately computed as the fill extended south of the pre-construction survey data.

Sidecast Material in the Borrow Area
The material pumped to the beach east of Station 111+48 had a higher silt concentration than expected. The fill material was dredged from the southwest corner of the Quatre Bayou borrow area near vibracores QBVC-02-08 and QBVC-02-34. The vibracore logs suggest that the material should have had the lowest silt content anywhere in the borrow area. A review of the seismic record also suggests that the material was uniform throughout this area. Analysis of the cutterhead data shows that Weeks Marine stripped to the required depth. When dredging sand they were mostly within the required cut area; therefore, the Contractor should have been accessing clean material.

A hypothesis for the high silt content on the east end is that overburden was flowing into the dredge pit from the surrounding area. Originally, Weeks Marine thought that they would not have to use the southwest portion of the borrow area. They wanted to avoid it because it had the thickest overburden and it was located furthest from the beach. However, due to the losses incurred by not controlling the fill and not requesting a change in construction slope earlier, Weeks Marine had to access this portion of the borrow area. Unfortunately, they had side cast much of the overburden immediately north of this section. Hence, when they went to dredge the

southwest corner there was a high bank of previously fluidized material adjacent to the sand deposit. This material likely flowed into the hole as Weeks Marine dredged. Future projects should consider providing a separate disposal area.

Sidecast Material outside of the Borrow Area
The post-construction survey of the borrow area conducted on December 11, 2006 indicated that the elevation of an area adjacent to the borrow area was approximately 5 feet above the elevation surveyed on November 13, 2003. This was apparently due to material sidecast outside the limits of the borrow area. The mound appeared to be centered at easting and northing coordinates of approximately 3762060 and 292030 referenced in feet to the Louisiana South State Plane NAD '83. This is in the "hook" area on the south side of the borrow area. The elevation of the mound in this area was approximately -9 feet NAVD on December 11, 2006. Weeks Marine issued a 90-day Notice to Mariners on January 19, 2007 to warn mariners of the high area while letting natural processes erode the mound. The mound was surveyed on March 28, 2007 to check its elevation. The elevation of the mound had decreased by 2 feet in the 107 days after the post-construction surveys but still remained approximately 3 feet above the pre-construction survey elevation. Weeks Marine issued a second 90-day Notice to Mariners on April 17, 2007 to keep mariners informed of the mound. Two additional surveys were conducted in April 2008 and September 2008. The September survey showed that the mound had been leveled, likely due to Hurricanes Gustav and Ike that passed close to the project area.

Sand Fence
Fill material on the constructed dune crest east of Station 111+48 had a high silt content preventing the installation of sand fence. The constructed beach east of Station 111+48 required a row of sand fence to be moved north onto the landward dune slope. A second row of sand fence could not be installed on the constructed beach. Holes for the installation of fence posts were dug on the dune crest. However, the holes would collapse and fill with sediment prior to installing the fence posts. The fence was relocated to areas where the fence could be constructed while still providing the benefit of the sand fence.

12. Construction Change Orders

Change Order #1 – December 21, 2005
Change Order #1 added Louisiana Land and Exploration/Burlington Resources as an additional insured. No change in contract time or total cost resulted from this change order.

Change Order #2 – February 9, 2006
Change Order #2 incorporated additional work and services for dredging 6,000 feet of Robinson Canal. Weeks Marine intended to use Robinson Canal as its access channel for equipment and personnel. However, Robinson Canal shoaled due to the passage of Hurricanes Katrina and Rita, necessitating the additional dredge work. The change order extended the contract time by 21 days to July 29, 2006. The change order increased the total cost of the project by $238,887.00 to $15,788,082.40.

Change Order #3 – April 5, 2006
Change Order #3 incorporated additional work and services for the re-establishment of the Chenier Ronquille Secondary Survey Monument. This monument was destroyed during the passage of Hurricane Katrina. No change in contract time resulted from this change order. The change order increased the total cost of the project by $32,993.62 to $15,821,076.02.

Change Order #4 – July 3, 2006
Change Order #4 incorporated a time extension of 118 days due to conditions caused by Hurricanes Katrina and Rita, which resulted in a delayed start of construction. The change order extended the contract time by 118 days to November 24, 2006. No change in total cost resulted from this change order.

Change Order #5 – August 21, 2006
Change Order #5 accepted a change in specification for fence posts requested in RFI #6. The specification for fence posts was changed from 4-inch by 4-inch by 8-foot treated posts to 4-inch by 4-inch by 8-foot untreated posts. No change in contract time resulted from this change order. The change order resulted in a credit to the contract of $0.20 per linear foot of installed sand fence reducing the total cost of the project by $5,478.00 to $15,815,598.02.

Change Order #6 – November 15, 2006
Change Order #6 was intended to adjust the beach and dune fill, marsh fill, and primary dike contract quantities. The beach and dune fill quantity was to be increased by 93,020 cubic yards at a unit cost of $12.62 per cubic yard. The marsh fill quantity was to be reduced by 204,819 cubic yards at a unit cost of $0.65 per cubic yard. The primary dike quantity was to be reduced by 3,936 linear feet at a unit cost of $13.35 per linear foot. The change order was to extend the contract time by 70 days to February 2, 2007. The change order was to increase the total cost of the project by $988,234.45 to $16,803,832.47. Weeks Marine did not sign this change order.

Change Order #7 – December 15, 2006
Change Order #7 was a unilateral modification needed to provide for the changes in beach and dune fill, marsh fill, and primary dike contract quantities in exchange for the Government not assessing liquidated damages for the completion of the project. The beach and dune fill quantity was decreased by 93,020 cubic yards at a unit cost of $12.62 per cubic yard. The marsh fill quantity was increased by 204,819 cubic yards at a unit cost of $0.65 per cubic yard. The primary dike quantity was increased by 3,936 linear feet at a unit cost of $13.35 per linear foot. The change order extended the contract time by 90 days to February 22, 2007. The change order reduced the total cost of the project by $988,234.45 to $15,815,598.02. The change order canceled change order #6 in its entirety.

Change Order #8 – April 10, 2007
Change Order #8 incorporated the change in the final pay volume compared to the bid volume. The beach and dune fill quantity was decreased by 43,757 cubic yards at the bid unit cost of $5.55 per cubic yard. The marsh fill quantity was decreased by 214,994 cubic yards at the bid unit cost of $3.05 per cubic yard. The primary dike quantity was decreased by 4,021 linear feet at the bid unit cost of $13.35 per linear foot. The sand fence quantity was decreased by 41 linear

feet at the revised unit cost of $7.55 per linear foot. There was no change in contract time. The change order reduced the total cost of the project by $952,572.95 to $14,863,025.07.

13. Construction Field Adjustments

Field Adjustment #1 – January 11, 2006
Field Adjustment #1 granted the Contractor permission to submit partial pre-construction survey data in accordance with RFI #1.

Field Adjustment #2 – May 17, 2006
Field Adjustment #2 changed the settlement plate installation requirements. The contract drawings and technical provisions did not indicate a maximum top of pipe elevation for the settlement plates. The Louisiana Department of Natural Resources requested a maximum top of pipe elevation between 5 and 8 feet above the target ground elevation.

Field Adjustment #3 – May 17, 2006
Field Adjustment #3 changed the locations of the navigation warning signs. The locations of the signs had to be revised due to realignment of the primary dike and reassessment of the originally proposed locations.

Field Adjustment #4 – August 18, 2006
Field Adjustment #4 increased all sand cut depths by 5 feet. The cut depth was increased to allow for more efficient excavation of the borrow area sands and to compensate for the Contractor's difficulty in managing beach and dune fill placement. Project permits were accordingly amended by the U.S. Army Corps of Engineers, Louisiana Department of Environmental Quality, and the Louisiana Department of Natural Resources.

Field Adjustment #5 – August 31, 2006
Field Adjustment #5 adjusted the sand fence locations shown in the bid plans. The length of sand fence to be installed remained the same. The sand fence locations were revised to facilitate accurate installation of the sand fence per the revised construction plans.

Field Adjustment #6 – September 9, 2006
Field Adjustment #6 adjusted the required sand fence wiring wraps at the end of fence sections. Technical Provision 32.1 states "At the end of fence sections, two wraps of wiring shall be used at each fence wire and at the top and the bottom." The top and bottom wraps were waived as the upper and lower fence wires (which were wrapped) are near the extremities of the wood slats.

Field Adjustment #7 – October 11, 2006
Field Adjustment #7 changed the sand fence layout shown in the construction plans. The sand fence gap width at the 30-foot section overlaps was changed from 3 feet to 6 feet to facilitate efficient monitoring and field assessments of the beach following construction. The sand fence spacing between the north and south sand fence lines was changed from 50 feet to 80 feet. The sand fence was extended to the western end of the project to promote dune creation in the project area where the constructed berm crest elevation was below the +6 feet NAVD design crest

elevation. The length of sand fence to be installed remained the same as a portion of the southern row of sand fence was removed from the east end of the project.

Field Adjustment #8 – October 20, 2006
Field Adjustment #8 waived the lower template tolerance in the former water discharge area between Station 104+22 and Station 124+40. The upper tolerance remained unchanged. Payment was made for material placed in this area regardless of whether the lower tolerance was met. The lower tolerance was waived to avoid requiring the Contractor to move equipment through this area to meet the tolerance. The use of tracked equipment to facilitate flow and distribution of fill material would have adversely impacted the existing marsh.

Field Adjustment #9 – December 11, 2006
Field Adjustment #9 requested that the Contractor use existing on-site equipment to create three gaps in the primary dike. The gaps were created after fill operations were completed and the Government accepted the adjacent marsh fill sections. The gaps were created by removing material from the primary dike. The constructed gaps were about twenty to twenty-five feet wide and were excavated to the elevation of the adjacent marsh platform. Material excavated during gapping was scraped onto the adjacent primary dike and/or compressed in place. The gaps were created to allow water trapped within the marsh creation area to drain and to encourage tidal flushing that can contribute to marsh establishment within the project area.

Field Adjustment #10 – February 23, 2007
Field Adjustment #10 altered the sand fence design. Conditions caused by the poor fill quality (silty and soft) between Station 110+00 and Station 124+40 required the sand fence to be offset 50 feet north of the landward dune crest. The second row of sand fence between Station 110+00 and Station 124+40 was removed due to the limited width of the dune with good quality material. The removed sand fence was added to the east and west ends of the island to promote dune creation near the extremities (which were under-filled). A single row of sand fence was extended to the western end of the project (see Field Adjustment #7) while two rows of sand fence were added to the east end of the island (a second row of sand fence was added to the east end of the island on top of the dune crest and the south row of sand fence was extended east).

14. Requests for Interpretation

Request for Interpretation #1 – January 7, 2006
Request for Interpretation #1 requested that dredging operations commence prior to the completion of all land surveys. This was approved with stipulations that the Contractor could only start construction in areas where the pre-construction survey had been completed and submitted.

Request for Interpretation #2 – January 9, 2006
Request for Interpretation #2 requested permission to invoice pre-construction surveys based on a percentage completed per pay period. This request was approved.

Request for Interpretation #3 – April 10, 2006
Request for Interpretation #3 requested field adjustments in the alignment of the primary dike and fill source. These requests were approved with minor revisions and stipulations.

Request for Interpretation #4 – April 23, 2006
Request for Interpretation #4 requested field adjustments in the alignment of the primary dike and fill source. Revisions were requested but the RFI was approved.

Request for Interpretation #5 – May 5, 2006
Request for Interpretation #5 requested permission to make changes in the number of grade elevations established on each marsh grade stake. This request was denied.

Request for Interpretation #6 – May 12, 2006
Request for Interpretation #6 requested permission to change the sand fence post requirements. The request was approved but the Government requested a change order for a reduction in the cost of the fence posts. See Change Order #5.

Request for Interpretation #7 – May 26, 2006
Request for Interpretation #7 requested permission to degrade, trench, and/or install drainpipe as needed to prevent blockage of overburden flow in order to maintain uniform fill in the marsh creation area. Some items were accepted, others were denied. See the RFI for details.

Request for Interpretation #8 – June 7, 2006
Request for Interpretation #8 requested permission to protect the west end primary dike from erosion caused by waves using a non-degradable polypropylene geotextile fabric. This request was denied due to concerns regarding previous experiences in complete removal of materials. No alternative request was made by the Contractor.

Request for Interpretation #9 – June 21, 2006
Request for Interpretation #9 requested permission to side cast Hunt Oil maintenance dredging spoil in the marsh template. The request could not be adequately evaluated due to insufficient data. The request was withdrawn following further discussions between Weeks Marine and Hunt Oil.

Request for Interpretation #10 – June 21, 2006
Request for Interpretation #10 requested permission to dispose natural debris (trees, driftwood, snags, etc.) on the island by burning it. The request was approved with the condition that Weeks Marine obtain burn permits.

Request for Interpretation #11 – August 9, 2006
Request for Interpretation #11 requested that the Government address the issue associated with the completion of the beach and dune template between Station 5+00 and Station 16+00. The request was approved. See the RFI for details.

Request for Interpretation #12 – October 20, 2006
Request for Interpretation #12 requested permission to install discharge pipes to assist in dewatering the created marsh. The request was approved with provisions.

15. Pipeline and Other Utility Crossings

Please see the construction plans sheets 4 and 5 of 38 for the location and description of pipelines and other utility crossings within the project footprint. The table below provides contact information for the associated pipeline and utility crossing representatives.

Table 5
Utility Company Representatives

Company	Rep. to Contact	Phone
Apache	Tim Allen	(985) 879-3528
Burlington	Jeff Deblieux	(985) 853-3009
Burlington	Kermit Coulon	(985) 879-1517
Chevron	David Louviere	(985) 396-3507
Columbia Gulf	Eric Theriot	(985) 879-3301
Gulf South	Doug Arnold	(985) 879-1818
Hunt	Ken Babin	(985) 858-5000
Hunt	Gerald Tompkins	(985) 856-6784
Hunt	Jack Kodrin	(985) 856-6787
Hunt	John Blanchard	(985) 856-6787
Koch - Gulf South	Judy Tanier	(316) 828-8089
LA Intrastate Gas	Chris Greneaux	(337) 354-1707
Swift	Danny Jarvis	(832) 461-8810
Texas Eastern (Duke)	Jerome Snyder	(985) 876-6851

16. Safety and Accidents

Two unmarked 4-inch flowlines were excavated along the west bank of the W-Canal near Station 54+00. Weeks Marine suspended dredging operations until a magnetometer survey for additional unmarked flowlines within the area to be excavated was completed. No additional accidents were reported or observed.

17. Additional Comments Pertaining to Construction, Completed Project, etc.

The beach fill material matched the expected beach fill quality except in the area between Station 110+00 and Station 124+00; the beach fill material placed between Station 110+00 and Station 124+00 had a higher silt content than expected or allowed by the specifications. It was hypothesized that this was due to previously side cast material flowing into the dredge area.

The material placed in the marsh between Station 7+42 and Station 53+40 did not consolidate as much as Weeks Marine expected. The material appeared to have a higher percentage of sands than originally anticipated. It was unclear if this was natural variation within the overburden layer or whether Weeks Marine was extracting sand from the beach fill portion of the borrow area that was located beneath the marsh fill overburden.

18. Significant Construction Dates

Table 6
Significant Construction Dates

Construction Item	Date
Bid Opening	July 27, 2005
Construction Contract Awarded	August 23, 2005
Notice to Proceed	November 15, 2005
Pre-construction Conference	November 15, 2005
Start of Robinson Canal Dredging	March 25, 2006
Start of Primary Dike Construction	April 4, 2006
Start of Oil Infrastructure Access Canal Dredging	April 14, 2006
Completion of Oil Infrastructure Access Canal Dredging	June 28, 2006
Completion of Primary Dike Construction	June 28, 2006
Start of Borrow Area Stripping	May 29, 2006
Start of Discharge to Beach	June 5, 2006
Start of Discharge to Marsh	June 29, 2006
Start of Sand Fence Construction	September 6, 2006
Completion of Discharge to Marsh	November 22, 2006
Completion of Discharge to Beach	December 6, 2006
Completion of Sand Fence Construction	December 29, 2006
Substantial Completion	January 5, 2007
Final Acceptance	October 30, 2008

NOAA SUPPLEMENT TO COMPLETION REPORT

CONSTRUCTION PLANS

List any items pertinent to the plans that caused problems, need clarification or changes for future contracts of this nature.

DESCRIPTION OF ITEM IN PLANS	RECOMMENDATIONS FOR FUTURE CONTRACTS
Pipeline Locations: It was known that there may be unmarked pipelines in the project area. A magnetometer survey was required prior to excavation but this was only performed along the pay profiles. The Contractor's survey did not detect a pipeline due to the spacing of the lines and this pipeline was exposed during excavation activities.	In future contracts the original plans and specifications should require the Contractor to conduct a magnetometer survey prior to excavating material within a given area to locate unmarked pipelines. The survey should be performed on a grid system and not solely along the pay profiles.
Pre-Construction Survey: It was known that the project area had to be surveyed prior to construction. Transportation issues delayed the completion of the pre-construction survey prohibiting the Contractor from starting dredge and fill operations while on-site.	In future contracts located in remote areas the pre construction survey should be completed prior to the Contractor mobilizing equipment.

GENERAL COMMENTS

List any significant items which worked well and should be repeated or which caused problems, need clarification or changes for future contracts of this nature.

DESCRIPTION OF ITEM	RECOMMENDATIONS FOR FUTURE CONTRACTS
Relationship between Owner, Contractor, and Engineer	The Contractor's Project Manager should be more involved in the submittal of pre-construction items.
Observations	A full time observer was useful for relaying day to day activities. Bi-weekly trips by the Government and Engineer were appropriate for assessing progress and discussing items of greater concern with the Contractor.

Identified Other Submittals:

Appendix A	-	11x17" As-built Drawings (attached & on CD, pdf format) 8.5x11" As-built Beach Fill Cross Sections (attached & on CD, pdf format) 8.5x11" As-built Marsh Fill Cross Sections (attached & on CD, pdf format) Borrow Area Bathymetric Survey Data (on CD, ASCII format) Pre and Post Construction Survey Data (on CD, ASCII format)
Appendix B	-	Invoice Related Correspondence (on CD, pdf format)
Appendix C	-	General Correspondence (on CD, pdf format)
Appendix D	-	Contract Modifications (attached & on CD, pdf format)
Appendix E	-	Change Orders (attached & on CD, pdf format)
Appendix F	-	Field Adjustment Reports (attached & on CD, pdf format)
Appendix G	-	Requests for Interpretation (attached & on CD, pdf format)
Appendix H	-	WMI Daily Quality Control Reports (on CD, pdf format)
Appendix I	-	CPE Daily Observation Reports (on CD, pdf format)
Appendix J	-	CPE Bi-Weekly Reports (on CD, pdf format)
Appendix K	-	Construction Meeting Minutes (on CD, pdf format)
Appendix L	-	Survey Certifications (on CD, pdf format)
Appendix M	-	Beach Fill Grain Size Analysis (on CD, pdf format)
Appendix N	-	Permit Sketches (on CD, pdf format)
Appendix O	-	Construction Plans and Specifications (on CD, pdf format)

Report prepared by:

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APPENDIX A

AS-BUILT DRAWINGS AND SURVEY DATA

CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT AS–BUILT DRAWINGS

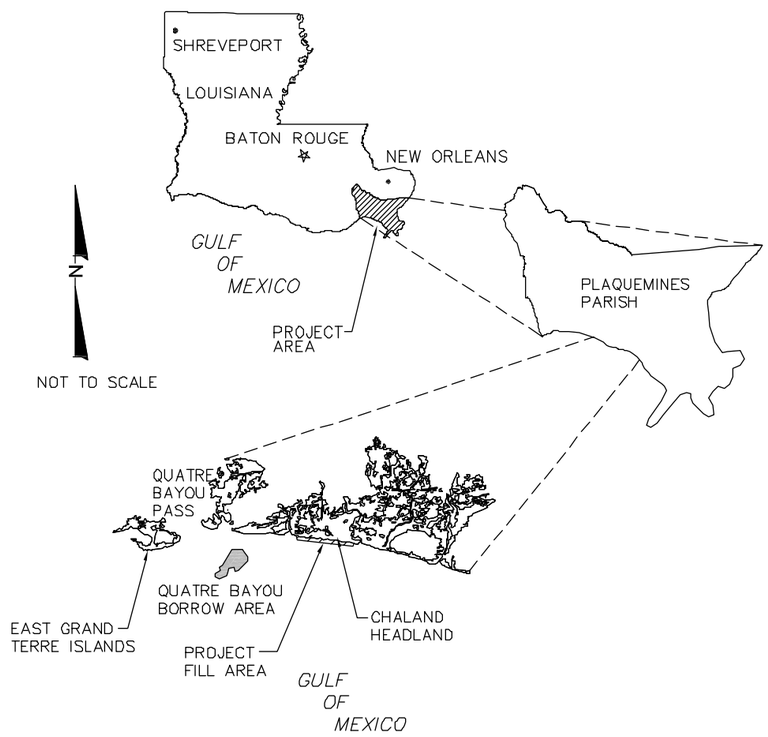
POINTS OF INTERSECTION (PI) OF PROFILE LINES WITH PROJECT BASELINE (RNG. 0+00)

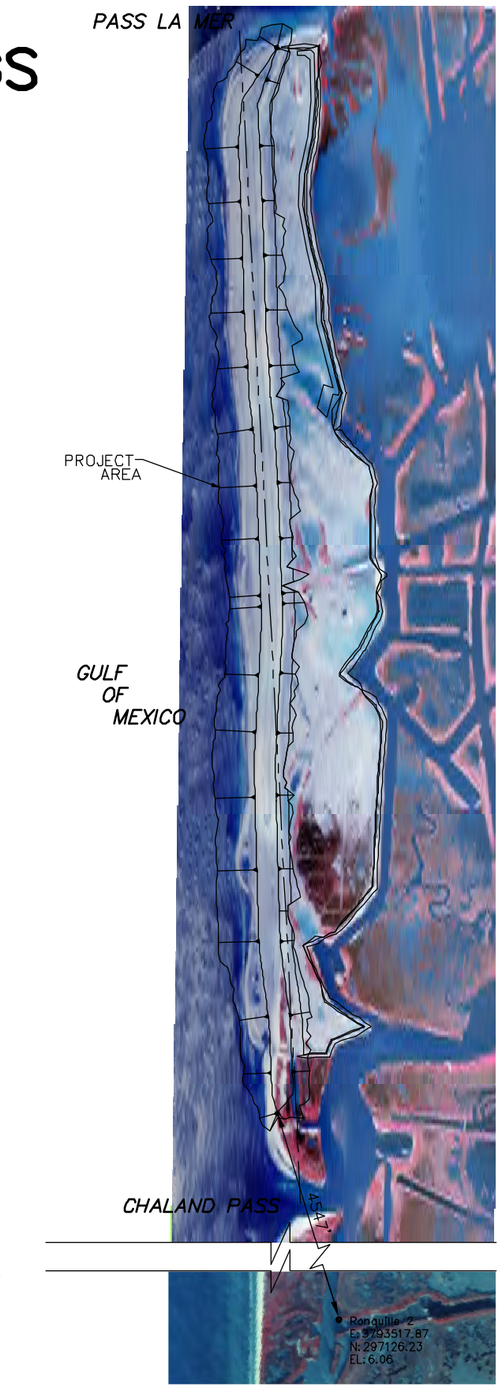
PI	EASTING	NORTHING
CG01	3774831.3	299096.3
CG02	3775311.7	299037.2
CG03/PLM3	3775792.0	298978.1
CG04	3776272.4	298919.0
CG05	3776752.7	298859.9
CG06/PLM4	3777233.0	298800.8
CG07	3777713.4	298741.7
CG08	3778193.7	298682.6
CG09/PLM5	3778674.0	298623.5
CG10	3779154.4	298564.4
CG11	3779634.7	298505.3
CG12/PLM6	3780115.0	298446.2
CG13	3780595.4	298387.1
CG14	3781075.7	298328.0
CG15/PLM7	3781556.0	298268.9
CG16	3782036.7	298209.7
CG17	3782517.4	298150.6
CG18/PLM8	3782998.0	298091.4
CG18A	3783309.6	298053.1
CG19	3783478.3	298032.3
CM38	3783718.5	298002.8
CG20	3783958.6	297973.2
CM40	3784198.9	297943.7
CG21/PLM9	3784439.0	297914.1
CM42	3784679.2	297884.6
CG22	3784919.3	297855.0
CM44	3785159.5	297825.5
CG23	3785399.7	297796.0
CM46	3785639.9	297766.4
CG24/PLM10	3785880.0	297736.8
CM48	3786120.2	297707.3
CG25	3786360.4	297677.8
CG25A	3786682.0	297638.2
CG26	3786840.7	297618.7
CG27/PLM11	3787321.0	297559.5
CG28	3787801.1	297500.4
CG28A	3787940.8	297483.3
CG28B	3788106.4	297462.9
CG29	3788281.2	297441.4
CG30/PLM12	3788761.3	297382.3
CG31	3789241.5	297323.2
CG32	3789721.5	297264.2
CG33	3790201.6	297205.1

State Plane, NAD83, Louisiana South – 1702, NAVD 1988, U.S. Survey Feet

NOTE:
PI MARKERS WITH ELEVATIONS TO BE SET AND MAINTAINED DURING CONSTRUCTION BY CONTRACTOR.

NO.	TITLE
1	COVER SHEET
2	GENERAL NOTES
3–4	AS–BUILT ISLAND TOPOGRAPHY/BATHYMETRY
5–6	AS–BUILT ISLAND FEATURES
7	AS–BUILT BORROW AREA CONTOURS
8	AS–BUILT BORROW AREA CROSS SECTIONS
9–23	AS–BUILT ISLAND CROSS SECTIONS
24–29	AS–BUILT OIAC CROSS SECTIONS
30	AS–BUILT SAND FENCE & NAVIGATION SIGN DETAILS
31	AS–BUILT SETTLEMENT PLATE DETAIL
32–34	AS–BUILT ROBINSON CANAL CONTOURS
35	AS–BUILT ROBINSON CANAL CROSS SECTIONS





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No.	Date	Description
1	3/28/07	ADDED PROFILE LINES

Designed by: GT | Checked by: AB
Drawn by: TDM | Reviewed by: GT
Date: 4/13/07 | Submitted by: AW
Plot Scale: AS NOTED | Comm. No.: 7261.25

Reference Files: BaseCrossSections

CHALAND HEADLAND RESTORATION (BA–38–2)
CWPPRA PROJECT – AS–BUILT DRAWINGS
COVER SHEET

DRAWING NO.
CS

K:\Louisiana 7261\3 Post Construction\CHALAND COVERSHEET.dwg – Apr 18, 2007 @ 11:37am – Tmerchant

GENERAL NOTES:

1. THE PROJECT AREA IS USED AS A NESTING AREA BY PROTECTED BIRD SPECIES. AT A MINIMUM THE CONTRACTOR PATROL THE BEACH TWICE DAILY TO INDENTIFY ANY NESTING BIRDS FROM INITIATION OF THE PROJECT THROUGH SEPTEMBER 15, 2005. CONTRACTOR REQUIREMENTS REGARDING BIRD NESTING ARE PROVIDED IN SECTION 7 OF THE ENVIRONMENTAL PROTECTION PROVISIONS.

2. LOCATION OF INFRASTRUCTURE (WELLHEADS, PIPELINES, ETC.) ARE FOR INFORMATIONAL PURPOSES ONLY TO DEMONSTRATE COMPLEXITY OF AREA. CONTRACTOR SHALL CONFIRM LOCATIONS.

3. UPON COMPLETION OF THIS PROJECT, THE PRIMARY DIKES SHALL BE LEFT IN PLACE BY THE CONTRACTOR. THE CONTRACTOR SHALL EXERCISE CARE TO MAINTAIN THE PRIMARY DIKES AT THE DESIGN ELEVATIONS DURING THE PROJECT AND SHALL PREVENT ANY BREACHES OF THE DIKES FOR THE DURATION OF THIS PROJECT.

4. BEACH AND DUNE FILL SHALL NOT EXCEED A SILT CONTENT OF 15% WITH A MINIMUM MEAN GRAIN SIZE OF 0.09 mm AS MEASURED ON THE BEACH FOLLOWING PLACEMENT.

5. THE CONTRACTOR SHALL NOTE THAT BAYS, WATER BOTTOMS, CREEKS AND PONDS IN THE VICINITY OF THE PROJECT MAY INCLUDE NUMEROUS PUBLICLY-ISSUED AND PRIVATELY-ISSUED LEASES FOR THE CULTIVATION AND HARVEST OF COMMERCIAL FISHERY RESOURCES. THE LOCATION OF PUBLICLY-ISSUED OYSTER LEASES IN THE VICINITY OF THE PROJECT IS DEPICTED IN APPENDIX 2 OF THE ENVIRONMENTAL PROTECTION SPECIFICATIONS. THE CONTRACTOR SHALL CONDUCT ALL ASPECTS OF ITS OPERATIONS TO AVOID ANY AND ALL IMPACTS TO SUCH LEASES.

6. AS-BUILT SURVEY OF THE BEACH BETWEEN STATION 5+00 AND STATION 38+88 WAS CONDUCTED IN AUGUST 2006.

7. AS-BUILT SURVEY OF THE BEACH BETWEEN STATION 40+00 AND STATION 67+91 WAS CONDUCTED IN SEPTEMBER 2006.

8. AS-BUILT SURVEY OF THE MARSH BETWEEN STATION 7+42 AND STATION 53+40 WAS CONDUCTED IN SEPTEMBER 2006.

9. AS-BUILT SURVEY OF THE BEACH BETWEEN STATION 69+00 AND STATION 96+96 WAS CONDUCTED IN OCTOBER 2006.

10. AS-BUILT SURVEY OF THE MARSH BETWEEN STATION 55+82 AND STATION 94+54 WAS CONDUCTED IN NOVEMBER 2006.

11. AS-BUILT SURVEY OF THE MARSH BETWEEN STATION 96+96 AND STATION 124+40 WAS CONDUCTED IN DECEMBER 2006.

12. AS-BUILT SURVEY OF THE BEACH BETWEEN STATION 98+00 AND STATION 145+77 WAS CONDUCTED IN DECEMBER 2006.

13. AS-BUILT SURVEY OF THE MARSH BETWEEN STATION 126+00 AND STATION 140+51 WAS CONDUCTED IN JANUARY 2007.

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No.	Date	Description
1	5/02/05	ADD NOTE #5

Designed by: GT
Drawn by: TDM
Date: 4/13/07
Plot Scale: NONE
Checked by: AB
Reviewed by: GT
Submitted by: AW
Comm. No.: 7261.25
Reference Files: backgrounds/xrefs

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT - AS-BUILT DRAWINGS

GENERAL NOTES

DRAWING NO.

GN

SHEET 2 OF 35

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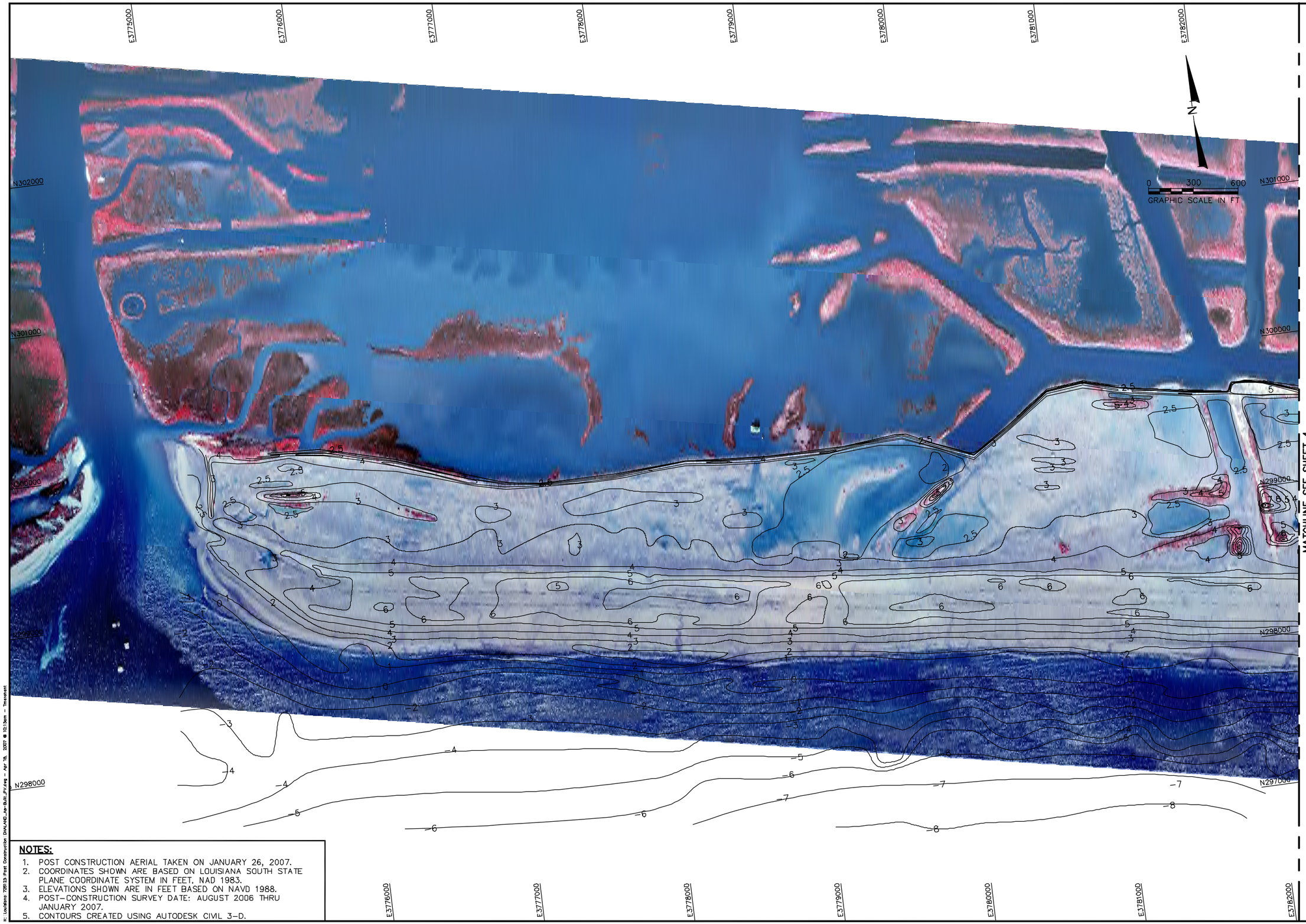

NOTES:

1. POST CONSTRUCTION AERIAL TAKEN ON JANUARY 26, 2007.
2. COORDINATES SHOWN ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. ELEVATIONS SHOWN ARE IN FEET BASED ON NAVD 1988.
4. POST-CONSTRUCTION SURVEY DATE: AUGUST 2006 THRU JANUARY 2007.
5. CONTOURS CREATED USING AUTODESK CIVIL 3-D.

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No.	Date	Description

Reference Files: BORDER-CHALAND.DWG

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Drawn by: TDM
Date: 4/13/07
Plot Scale: AS NOTED

Checked by: AB
Reviewed by: GT
Submitted by: KW
Comm. No: 7251.25

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT ISLAND TOPOGRAPHY/BATHYMETRY

DRAWING NO.

PV-C1

SHEET 3 OF 35

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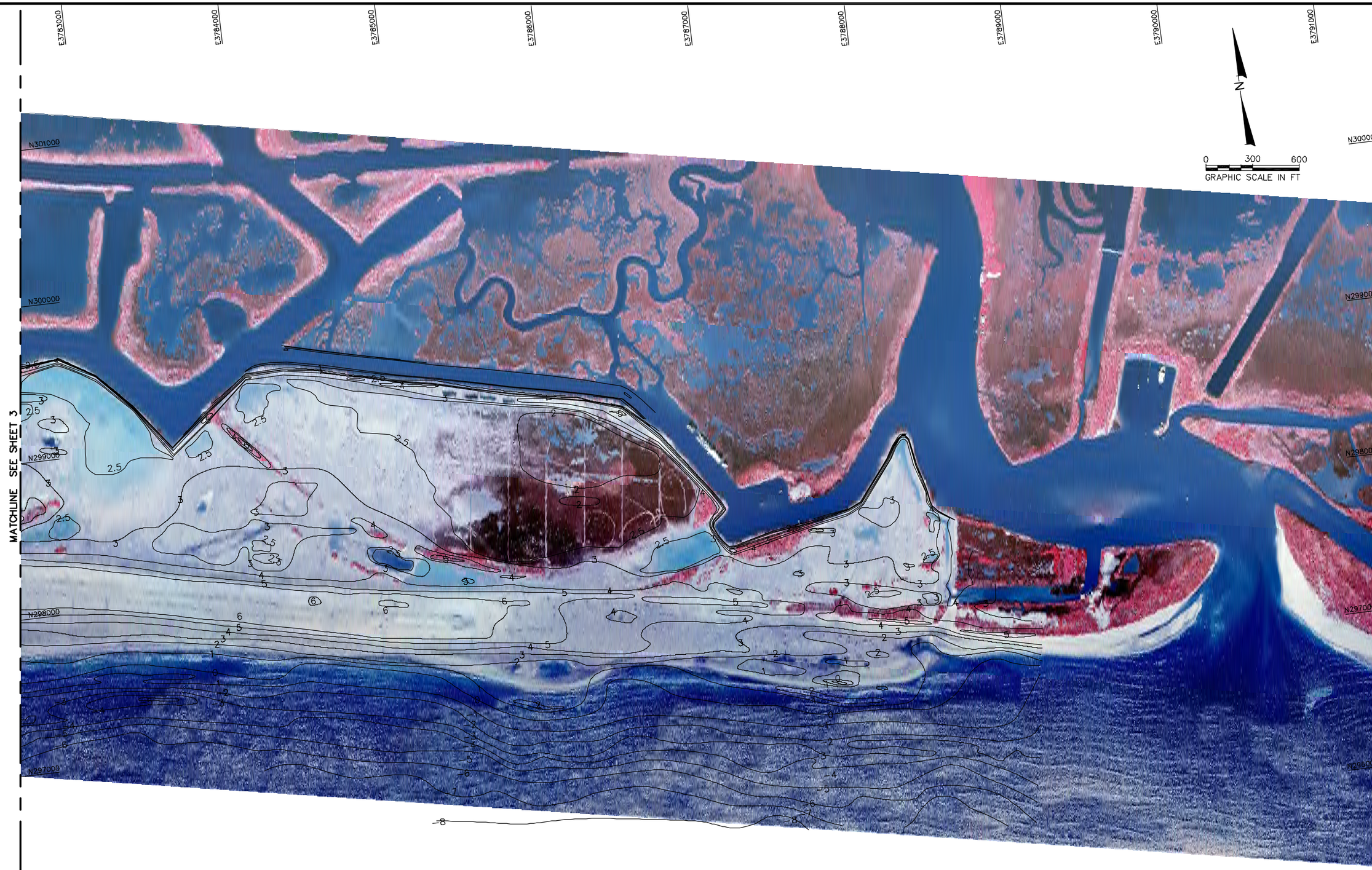

NOTES:

1. POST CONSTRUCTION AERIAL TAKEN ON JANUARY 26, 2007.
2. COORDINATES SHOWN ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. ELEVATIONS SHOWN ARE IN FEET BASED ON NAVD 1988.
4. POST-CONSTRUCTION SURVEY DATE: AUGUST 2006 THRU JANUARY 2007.
5. CONTOURS CREATED USING AUTODESK CIVIL 3-D.

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No.	Date	Description

Reference Files: BDREDTOPO.DWG, BA-DWG

Designed by: CT | Checked by: AB
Drawn by: TDM | Reviewed by: GT
Date: 4/13/07 | Submitted by: AW
Plot Scale: AS NOTED | Contr. No: 7283.25

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT - AS-BUILT DRAWINGS

AS-BUILT ISLAND TOPOGRAPHY/BATHYMETRY

DRAWING NO.

PV-C2

SHEET 4 OF 35

H:\Jobs\7283\25 Post Construction CHALAND_As-Built_PV.dwg - Apr 18, 2007 @ 10:18am - Innerpant

SIEVED SAND SAMPLES

ID#	SAMPLE	DATE	EASTING	NORTHING	GRAIN SIZE (mm)	SILT CONTENT (%)	
1	CH001	6/8/2006	3777479.2	298932.0	0.11	13.8	
2	CH002	6/9/2006	3777766.0	298935.9	0.10	13.3	
3	CH003	6/10/2006	3777988.6	298975.3	0.10	24.0	
4	CH004	6/11/2006	3778053.8	298867.1	0.11	10.3	
5	CH005	6/13/2006	3778149.5	298868.4	0.12	12.5	
6	CH006	6/14/2006	3778619.1	298791.2	0.11	9.9	
7	CH007	6/15/2006	3778619.1	298791.2	0.10	18.5	
8	CH010	6/21/2006	3777094.3	299108.6	0.09	15.5	
9	CH013	6/28/2006	3776680.5	299066.6	0.14	7.2	
10	CH015	7/12/2006	3777096.3	298963.2	0.12	16.2	
11	CH020	7/17/2006	3777580.8	298497.0	0.12	15.0	
12	CH025	8/2/2006	3776340.9	298963.8	0.11	11.3	
13	CH027	8/4/2006	3775946.2	299158.5	0.14	10.0	
14	CH030	8/8/2006	3777513.6	298750.7	0.11	10.5	
15	CH035	8/20/2006	3778495.2	298527.6	0.11	13.2	
16	CH037	8/22/2006	3779100.0	298583.2	0.12	6.5	
17	CH040	8/27/2006	3779779.9	298046.9	0.11	20.3	
18	CH041	9/5/2006	3779852.9	298535.2	0.13	20.6	
19	CH042	9/6/2006	3780286.6	298053.8	0.11	15.6	
20	CH045	9/10/2006	3781232.0	298383.2	0.11	20.1	
21	CH046	9/11/2006	3781335.9	298475.5	0.11	22.3	
22	CH047	9/12/2006	3781314.1	298202.5	0.12	15.3	
23	CH050	9/26/2006	3781648.3	298243.4	0.11	13.9	
31	CH079	11/8/2006	3781910.0	298217.9	0.18	3.9	*
32	CH080	11/8/2006	3781910.0	298217.9	0.17	11.1	**
33	CH081	11/8/2006	3781910.0	298217.9	0.12	16.9	***

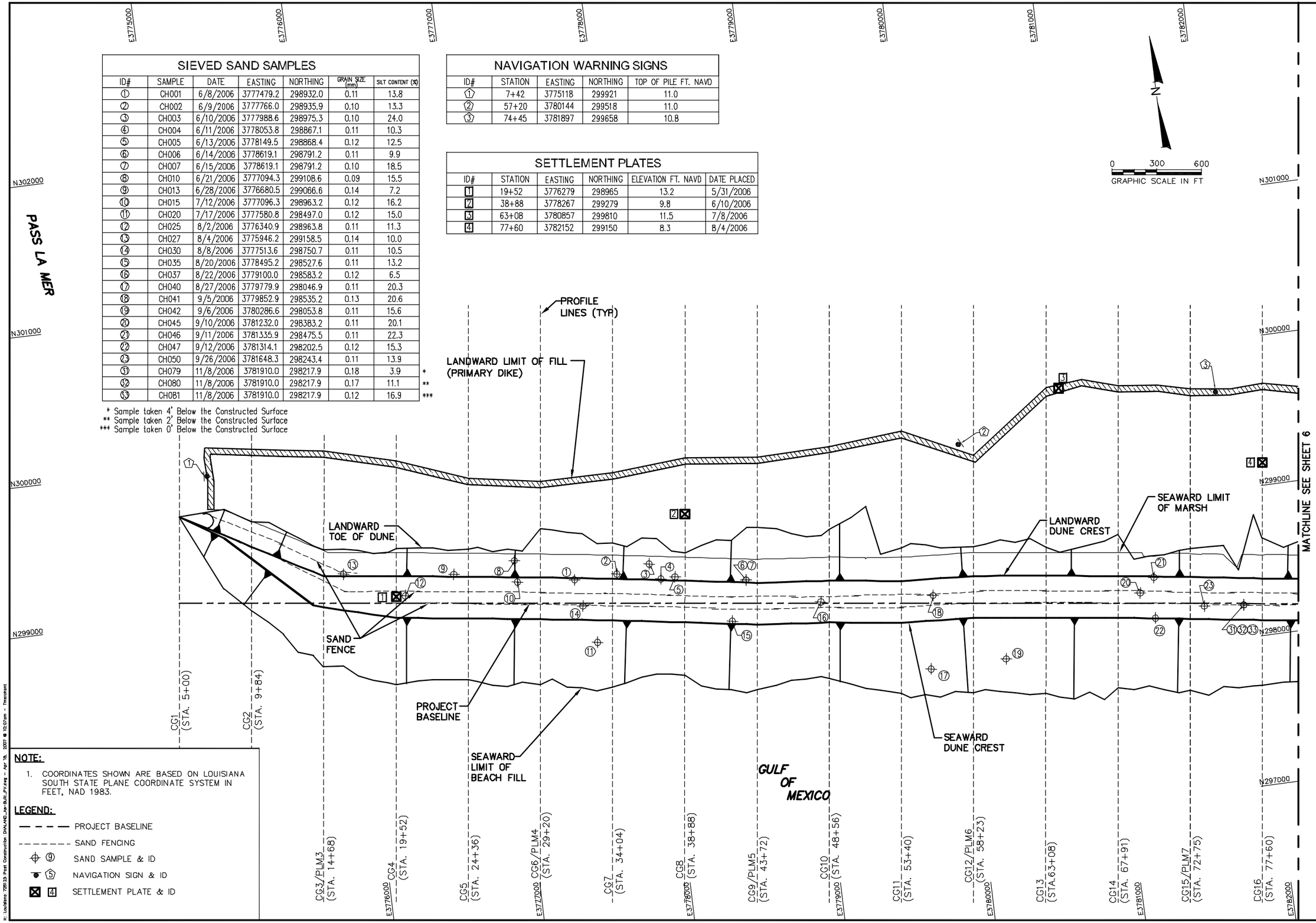
* Sample taken 4' Below the Constructed Surface
** Sample taken 2' Below the Constructed Surface
*** Sample taken 0' Below the Constructed Surface

NAVIGATION WARNING SIGNS

ID#	STATION	EASTING	NORTHING	TOP OF PILE FT. NAVD
1	7+42	3775118	299921	11.0
2	57+20	3780144	299518	11.0
3	74+45	3781897	299658	10.8

SETTLEMENT PLATES

ID#	STATION	EASTING	NORTHING	ELEVATION FT. NAVD	DATE PLACED
1	19+52	3776279	298965	13.2	5/31/2006
2	38+88	3778267	299279	9.8	6/10/2006
3	63+08	3780857	299810	11.5	7/8/2006
4	77+60	3782152	299150	8.3	8/4/2006



NOTE:

1. COORDINATES SHOWN ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.

LEGEND:

- PROJECT BASELINE
- SAND FENCING
- SAND SAMPLE & ID
- NAVIGATION SIGN & ID
- SETTLEMENT PLATE & ID

COASTAL PLANNING & ENGINEERING, INC.
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C.O.A. FL #4023
C.O.A. LA #2531
www.CoastalPlanning.net

No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: AW
Comm. No: 723.125
Redigned by: GT
Drawn by: TDM
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: BDSER/CHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT ISLAND FEATURES

DRAWING NO.
PV-F1

R:\Louisiana 720123 Post Construction DHALAND_As-Built_PV.dwg – Apr 18, 2007 @ 10:07am – Treacotset

SETTLEMENT PLATES					
ID#	STATION	EASTING	NORTHING	ELEVATION FT. NAVD	DATE PLACED
5	96+96	3784021	298511	7.5	8/4/2006
6	116+32	3785851	297525	12.3	8/16/2006
7	135+68	3787902	298324	9.9	5/10/2006

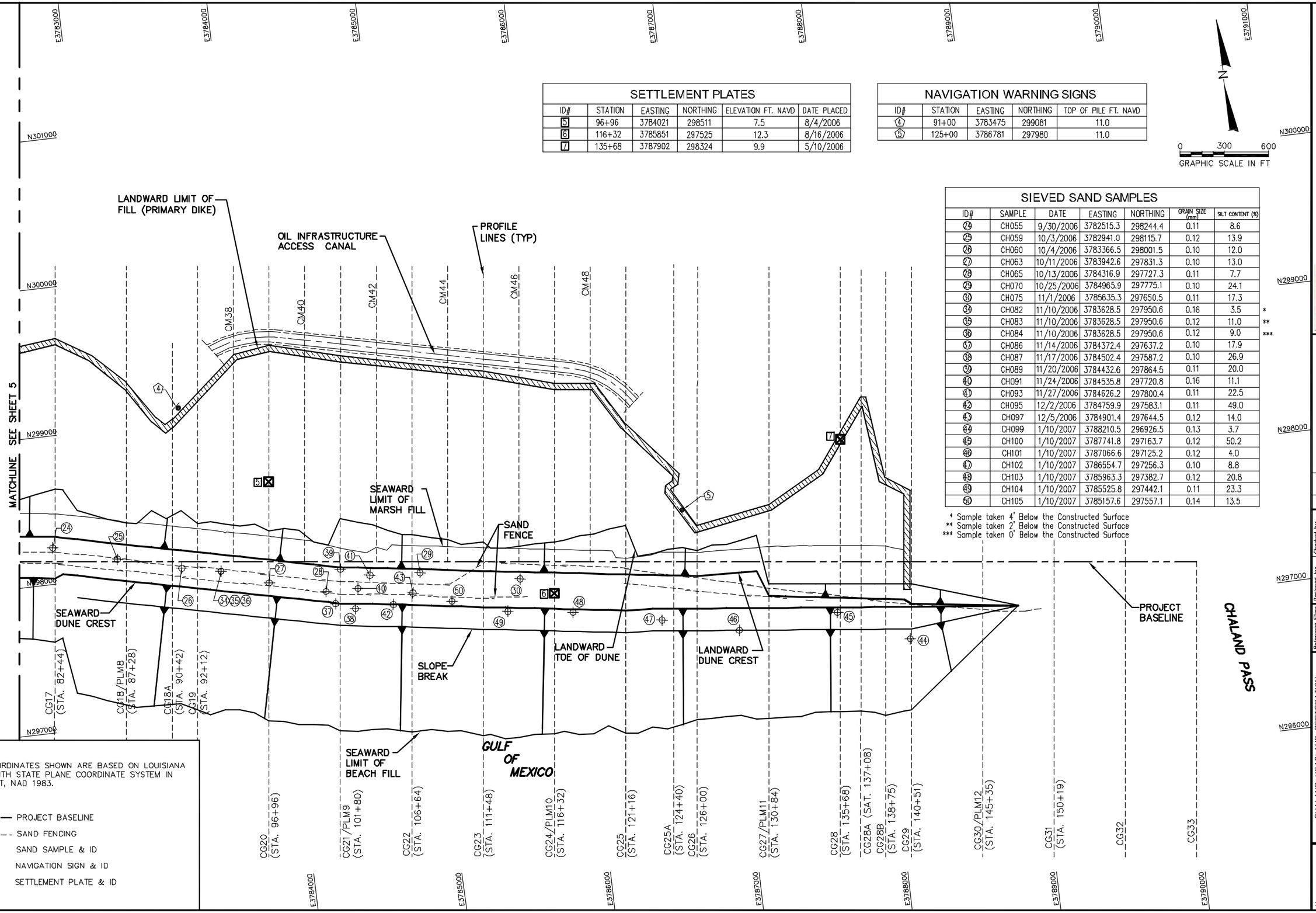
NAVIGATION WARNING SIGNS				
ID#	STATION	EASTING	NORTHING	TOP OF PILE FT. NAVD
4	91+00	3783475	299081	11.0
5	125+00	3786781	297980	11.0

N

0 300 600
GRAPHIC SCALE IN FT

SIEVED SAND SAMPLES							
ID#	SAMPLE	DATE	EASTING	NORTHING	GRAIN SIZE (mm)	SILT CONTENT (%)	
24	CH055	9/30/2006	3782515.3	298244.4	0.11	8.6	
25	CH059	10/3/2006	3782941.0	298115.7	0.12	13.9	
26	CH060	10/4/2006	3783366.5	298001.5	0.10	12.0	
27	CH063	10/11/2006	3783942.6	297831.3	0.10	13.0	
28	CH065	10/13/2006	3784316.9	297727.3	0.11	7.7	
29	CH070	10/25/2006	3784965.9	297775.1	0.10	24.1	
30	CH075	11/1/2006	3785635.3	297650.5	0.11	17.3	
34	CH082	11/10/2006	3783628.5	297950.6	0.16	3.5	*
35	CH083	11/10/2006	3783628.5	297950.6	0.12	11.0	**
36	CH084	11/10/2006	3783628.5	297950.6	0.12	9.0	***
37	CH086	11/14/2006	3784372.4	297637.2	0.10	17.9	
38	CH087	11/17/2006	3784502.4	297587.2	0.10	26.9	
39	CH089	11/20/2006	3784432.6	297864.5	0.11	20.0	
40	CH091	11/24/2006	3784535.8	297720.8	0.16	11.1	
41	CH093	11/27/2006	3784626.2	297800.4	0.11	22.5	
42	CH095	12/2/2006	3784759.9	297583.1	0.11	49.0	
43	CH097	12/5/2006	3784901.4	297644.5	0.12	14.0	
44	CH099	1/10/2007	3788210.5	296926.5	0.13	3.7	
45	CH100	1/10/2007	3787741.8	297163.7	0.12	50.2	
46	CH101	1/10/2007	3787066.6	297125.2	0.12	4.0	
47	CH102	1/10/2007	3786554.7	297256.3	0.10	8.8	
48	CH103	1/10/2007	3785963.3	297382.7	0.12	20.8	
49	CH104	1/10/2007	3785525.8	297442.1	0.11	23.3	
50	CH105	1/10/2007	3785157.6	297557.1	0.14	13.5	

* Sample taken 4' Below the Constructed Surface
** Sample taken 2' Below the Constructed Surface
*** Sample taken 0' Below the Constructed Surface



NOTE:

1. COORDINATES SHOWN ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.

LEGEND:

- PROJECT BASELINE
- SAND FENCING
- SAND SAMPLE & ID
- NAVIGATION SIGN & ID
- SETTLEMENT PLATE & ID

COASTAL PLANNING & ENGINEERING, INC.
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www.CoastalPlanning.net

No.	Date	Description

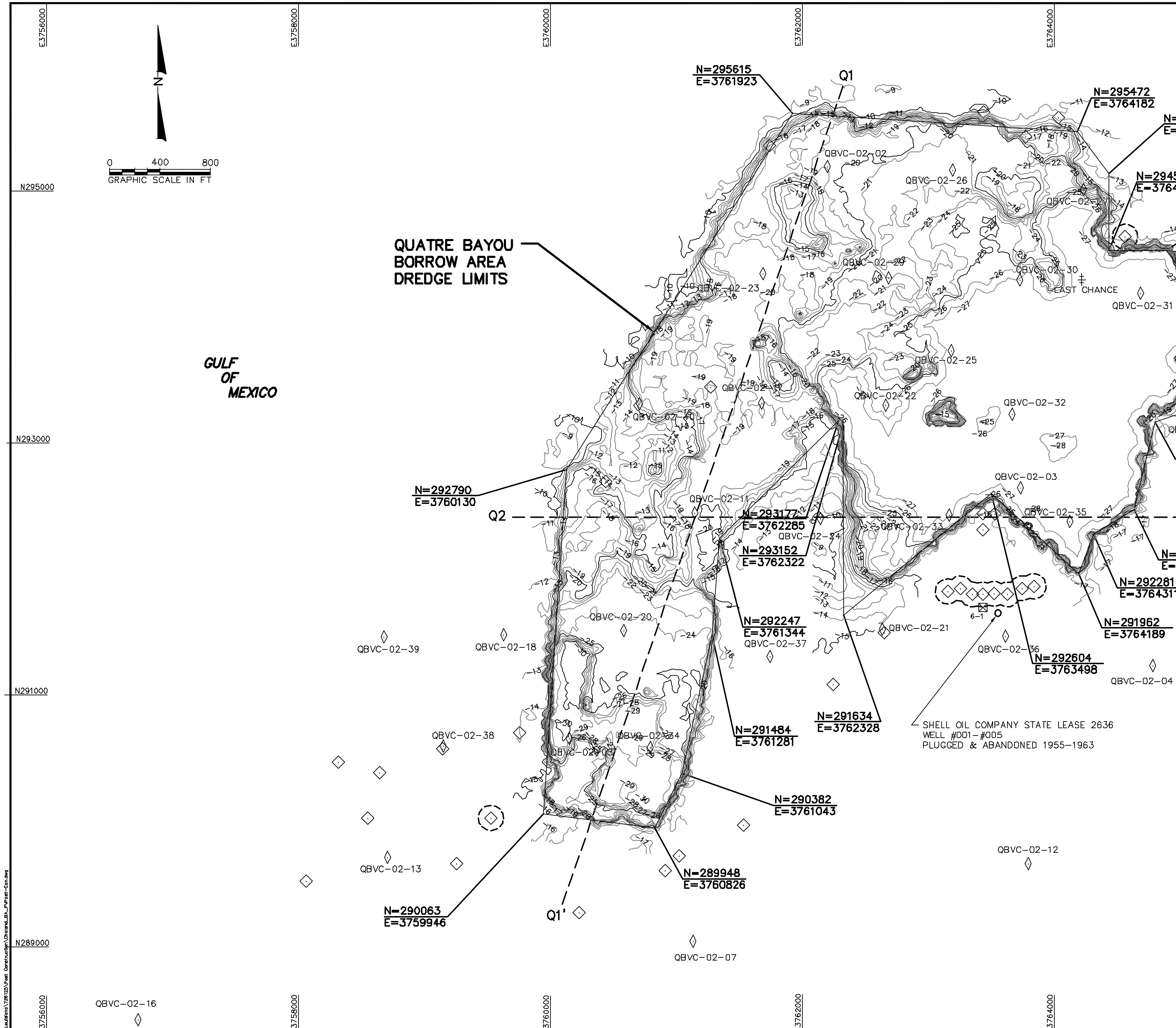
Checked by: AB
Designed by: GT
Reviewed by: GT
Drawn by: TDM
Submitted by: AW
Date: 4/13/07
Comm. No: 7261.25
Plot Scale: AS NOTED
Reference Files: BASEMAP/CHALAND.DWG

CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT ISLAND FEATURES

DRAWING NO.
PV-F2
SHEET 6 OF 35

H:\Louisiana 7261.25 Post Construction CHALAND_As-Built_PV.dwg – Apr 18, 2007 @ 10:05am – Treschset



LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- 6-1 SONAR CONTACT AND SITE REFERENCE NUMBER
- CROSS SECTION LINE LOCATION
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF POST CONSTRUCTION BATHYMETRIC SURVEY, DECEMBER 11, 2006 CONDUCTED BY WEEKS MARINE, INC.
4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23-25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. CONTOURS REPRESENT DEPTH OF WATER.
6. CONTOURS CREATED USING AUTODESK CIVIL 3-D.

COASTAL PLANNING & ENGINEERING, INC.
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C.O.A. FL. #4028
C.O.A. LA. #2531

No.	Date	Description

Designed by: GT
Drawn by: TDM
Date: 4/13/07
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: AW
Comm. No.: 7261.25

Reference Files: BORDERCHALAND.DWG, Base.DWG, Bathy.DWG, BATHYMETRIC.dwg, pipes.dwg, sandypoint_p.dwg

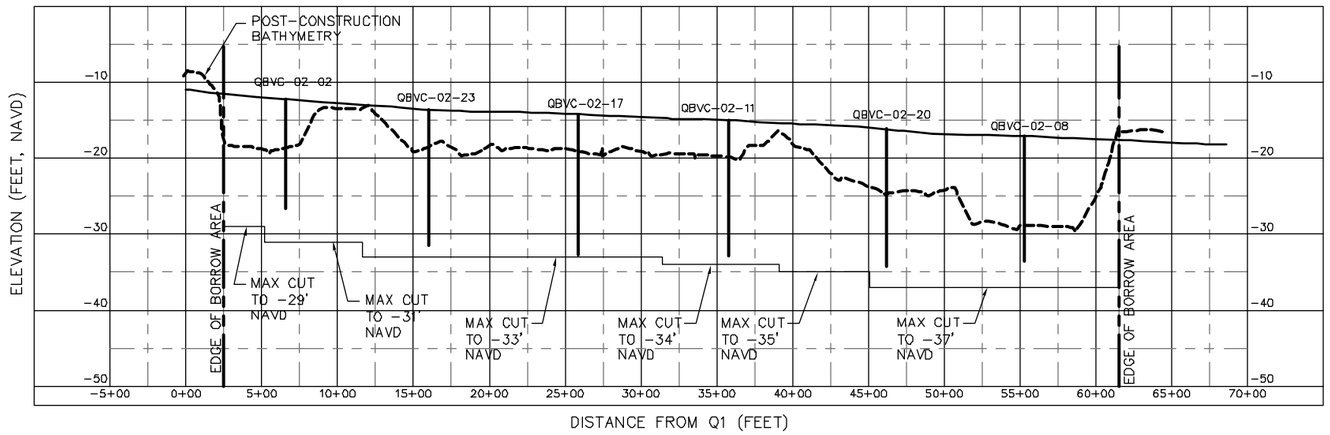
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT - AS-BUILT DRAWINGS

AS-BUILT BORROW AREA CONTOURS

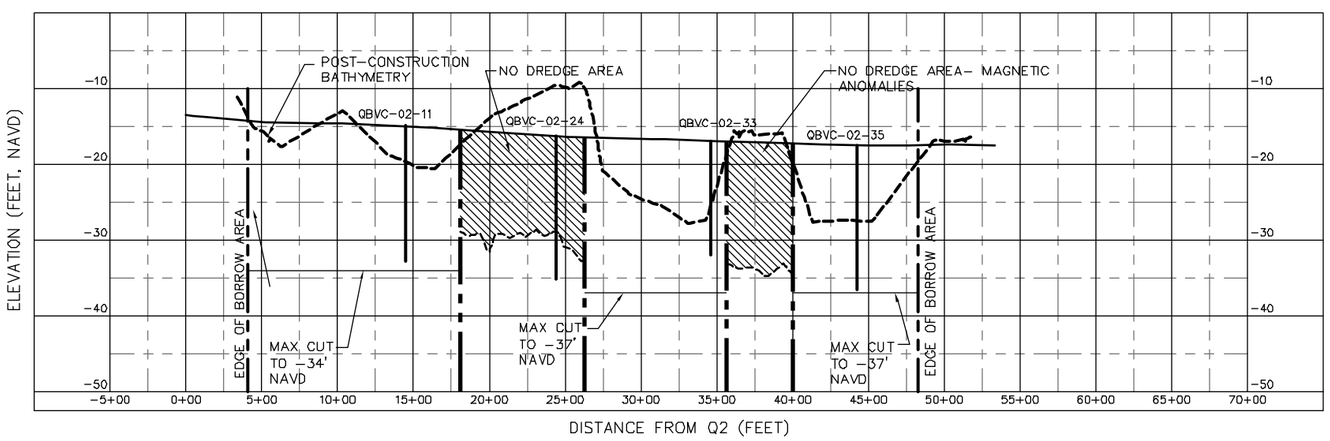
DRAWING NO.

BA-1

QUATRE BAYOU BORROW AREA
CROSS SECTION Q1–1'



QUATRE BAYOU BORROW AREA
CROSS SECTION Q2–2'



NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE.
2. SEE SHEET 7 FOR LOCATION OF CROSS SECTION LINES.
3. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.
4. DATE OF POST CONSTRUCTION BATHYMETRIC SURVEY, DECEMBER 11, 2006, CONDUCTED BY WEEKS MARINE, INC.

LEGEND:

- MAXIMUM CUT DEPTH
- AUGUST 2003
- DECEMBER 2006

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No.	Date	Description
1	4/6/04	ADD REMOVAL DREDGE CUTS
2	6/25/05	CORRECTED DEPTH CUT IN CROSS SECTION Q1–1'
3	6/15/06	UPDATE CUTS

Reference Files: BA2DREDGEAS-BUILT.DWG

Designed by: GT
Drawn by: TW
Date: 4/13/07
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: AW
Comm. No.: 72B1.25

CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT – AS–BUILT DRAWINGS

AS–BUILT
BORROW AREA CROSS SECTIONS

DRAWING NO.
BA–2

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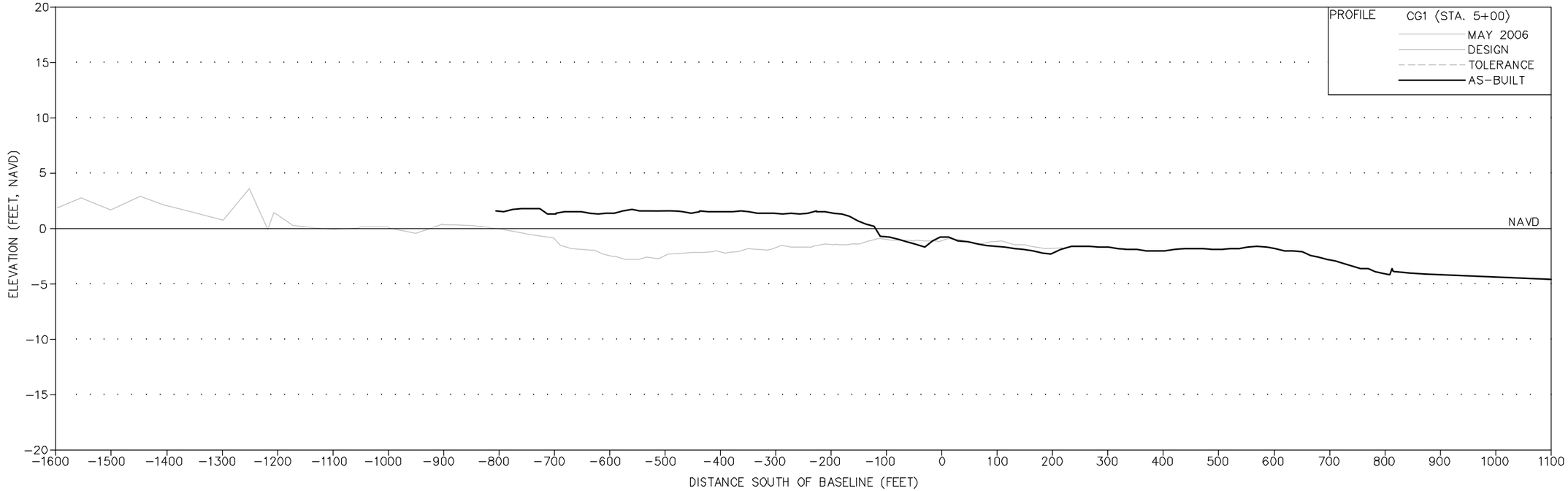

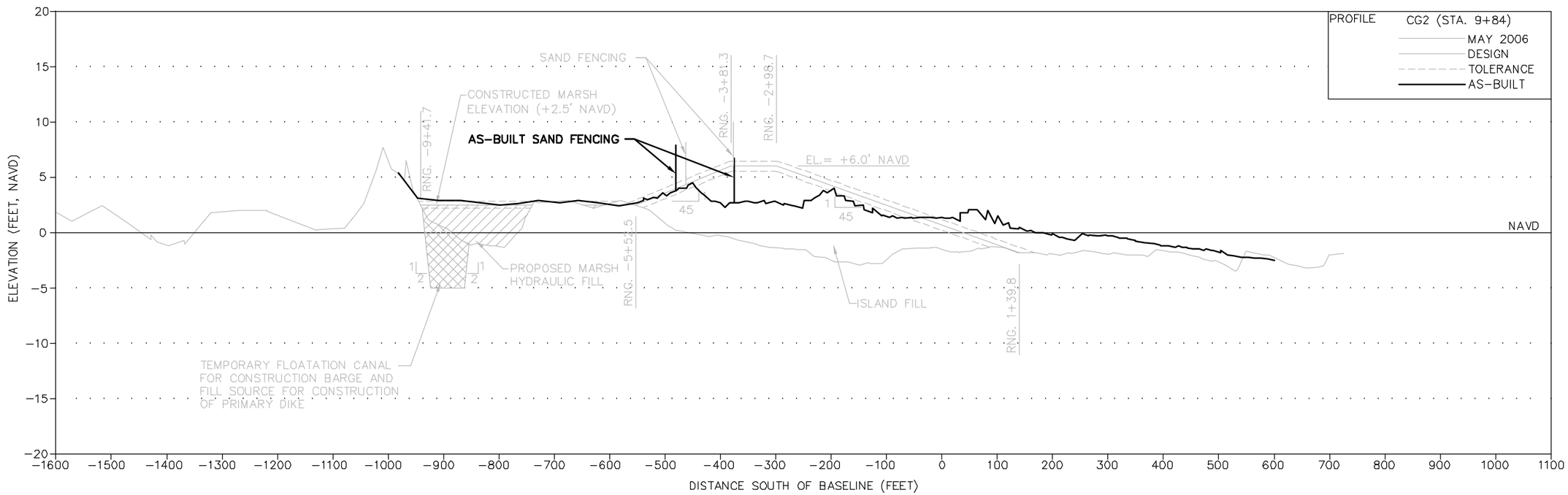

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C.O.A. FL #4028
C.O.A. LA #2531
www.CoastalPlanning.net

No.	Date	Description

Designed by: GT | Checked by: AB
Drawn by: RC | Reviewed by: GT
Date: 4/13/07 | Submitted by: JAW
Plot Scale: AS NOTED | Comm. No: 7201.25

Reference Files: (NONE)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-1

SHEET 9 OF 35

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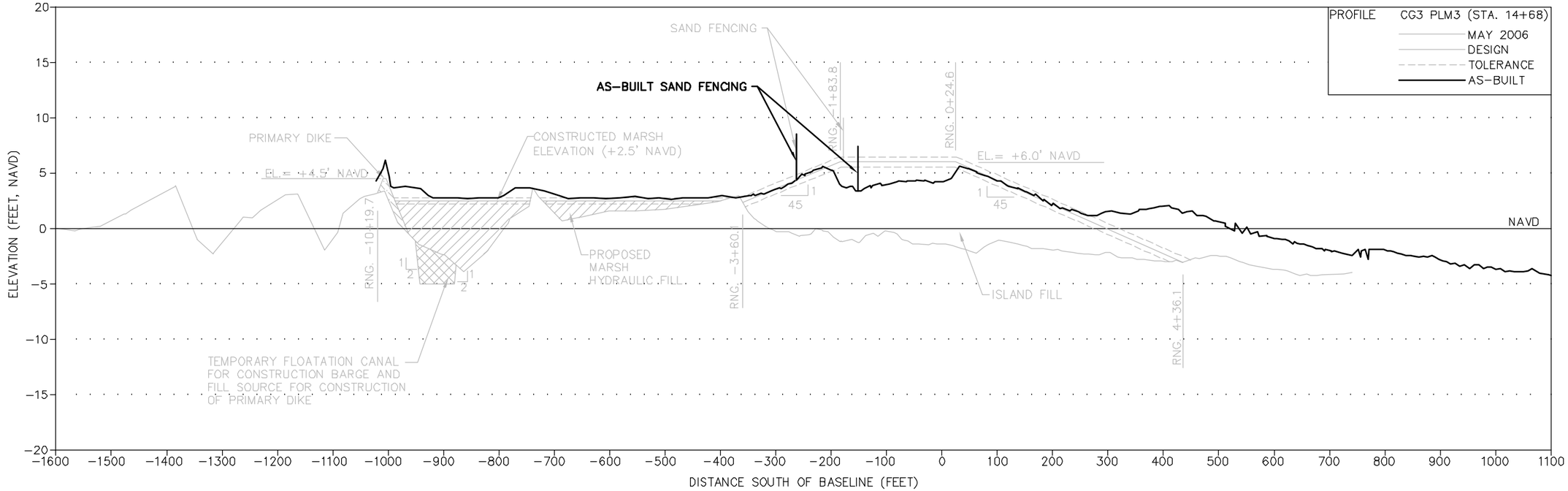

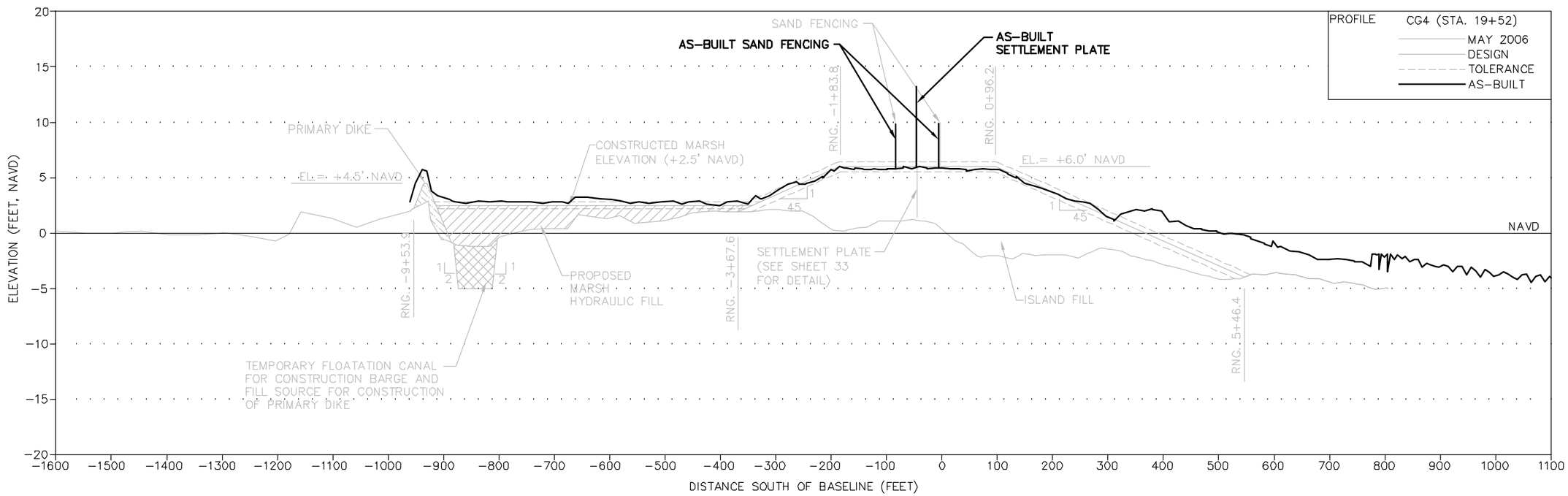

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No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: SAW
Contr. No: 7201.25
Designed by: GT
Drawn by: RC
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: (NONE)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

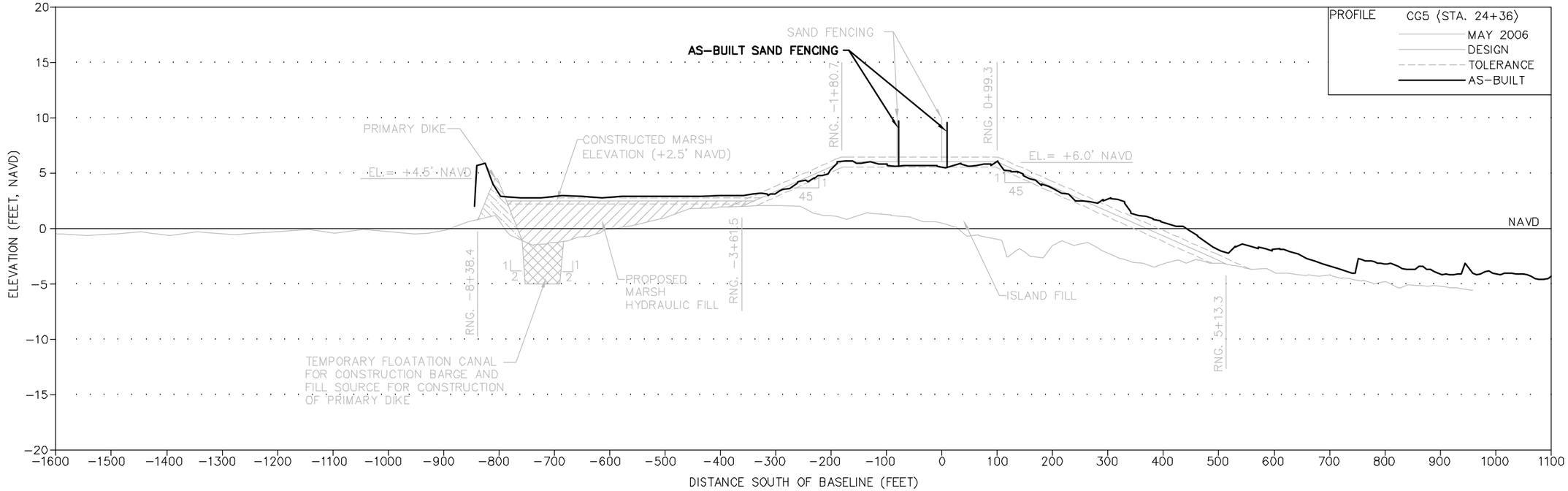
AS-BUILT CROSS SECTIONS

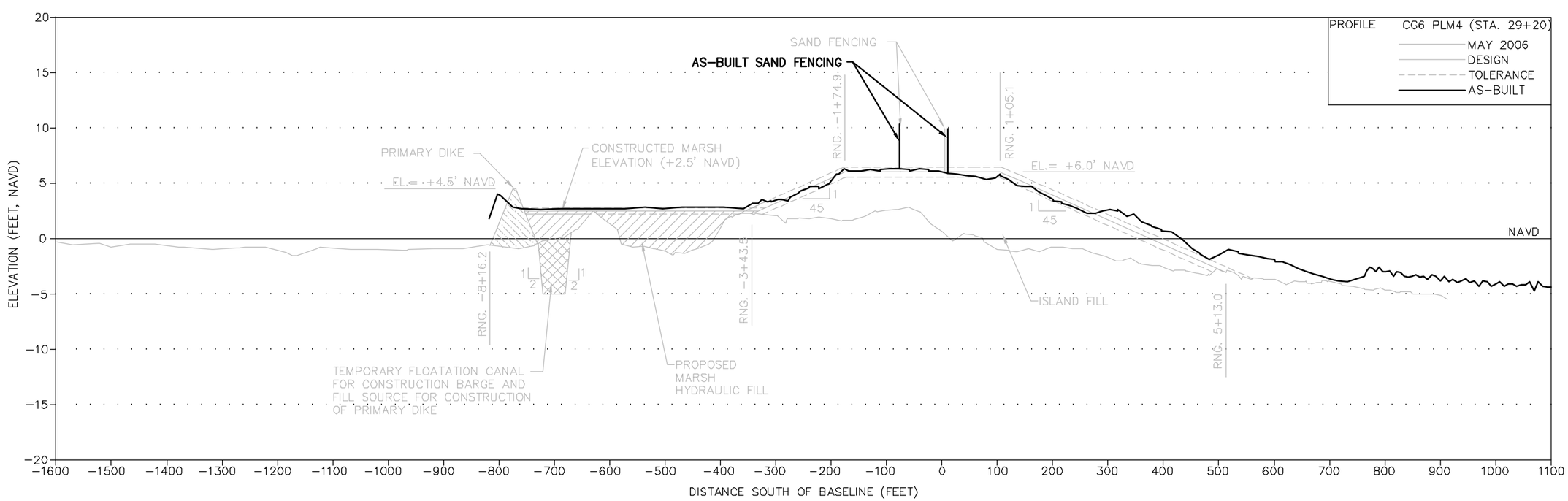
DRAWING NO.

XS-2

SHEET 10 OF 35

H:\Louisiana\7201.25\Post Construction\CHALAND X-SECTIONS-2.dwg – Apr 18, 2007 @ 10:29am – Innerphant





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C.O.A. LA #2531
www.CoastalPlanning.net

No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: JAW
Comm. No: 7201.23
Designed by: GT
Drawn by: RC
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: (NONE)

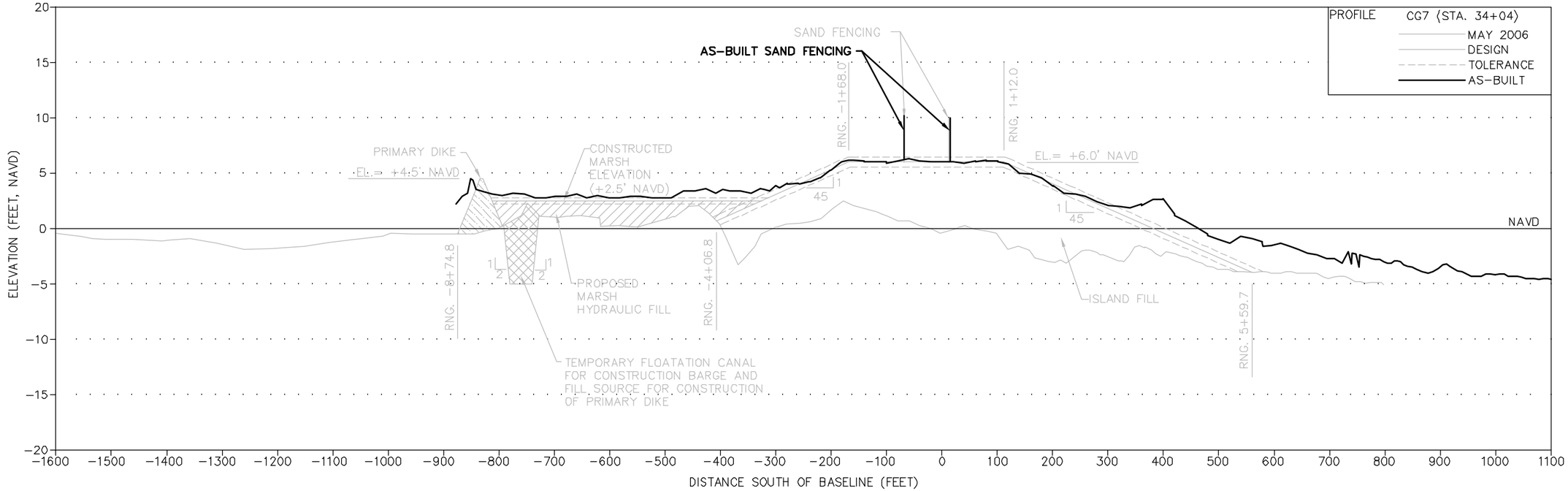
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

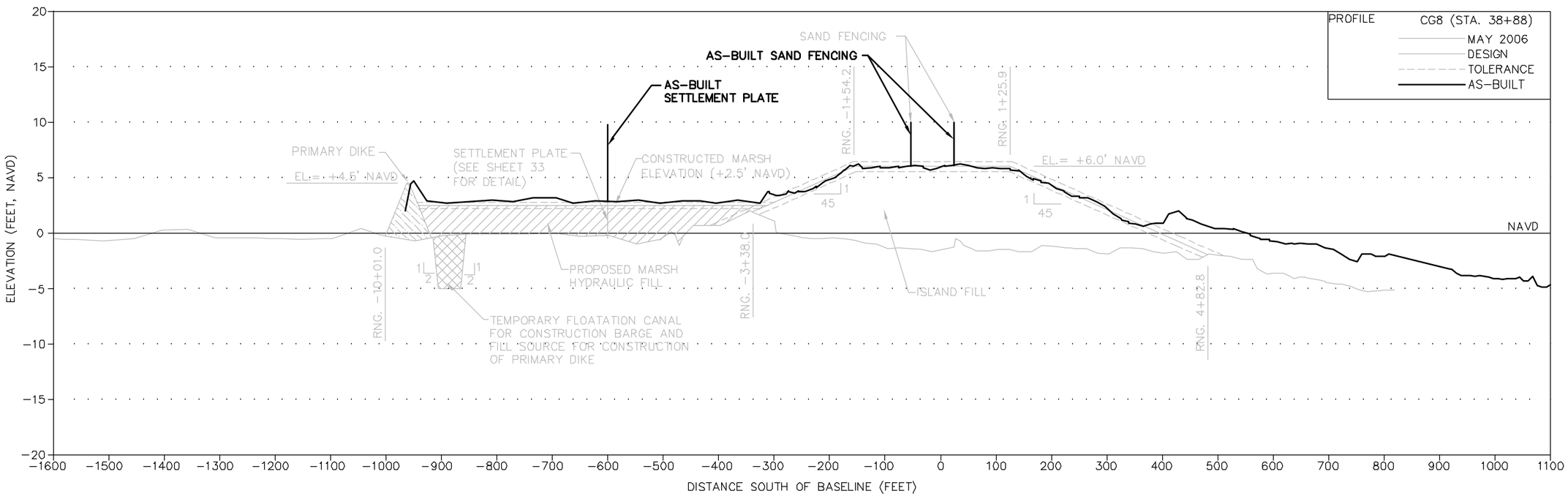
AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-3

H:\Louisiana\72815\Post Construction\CHALAND X-SECTIONS-2.dwg – Apr 18, 2007 @ 10:30am – Innerphant





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No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: JWW
Date: 4/13/07
Plot Scale: AS NOTED
Comm. No: 7201.23
Designed by: GT
Drawn by: RC
Reference Files: (NONE)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

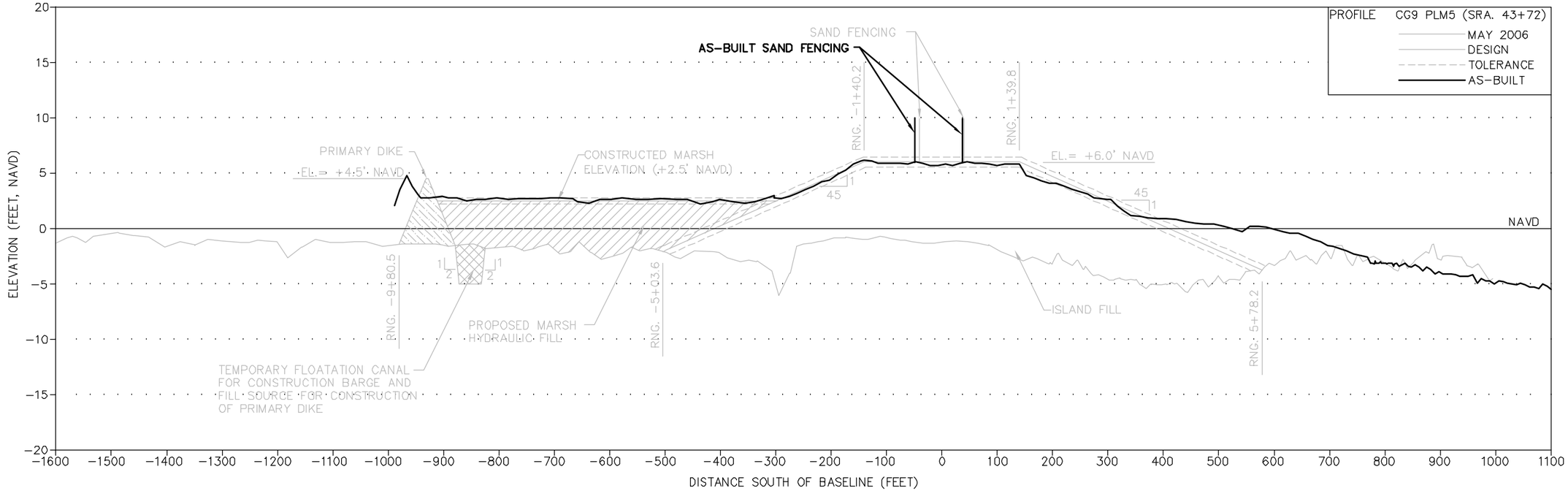
AS-BUILT CROSS SECTIONS

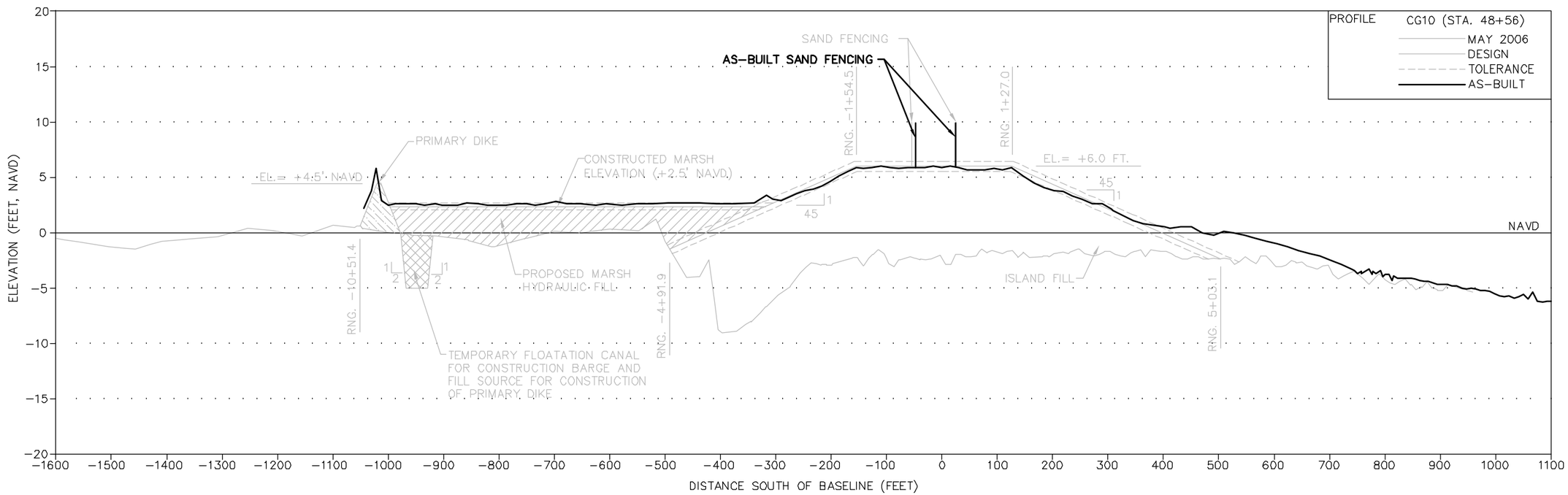
DRAWING NO.

XS-4

SHEET 12 OF 35

H:\Louisiana\72815\Post Construction\CHALAND X-SECTIONS-2.dwg – Apr 18, 2007 @ 10:31am – tmerchant





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C.O.A. LA #2531
www.CoastalPlanning.net

No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: RC
Reviewed by: GT
Date: 4/13/07
Submitted by: AW
Plot Scale: AS NOTED
Comm. No: 7201.23

Reference Files: (NONE)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-5

SHEET 13 OF 35

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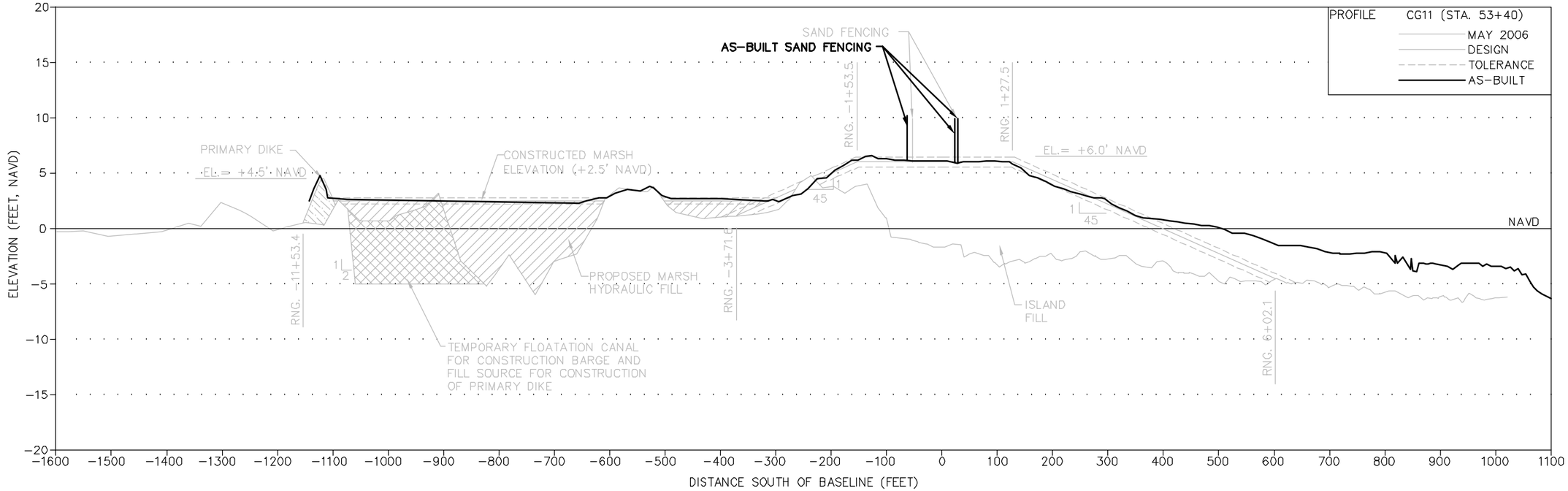

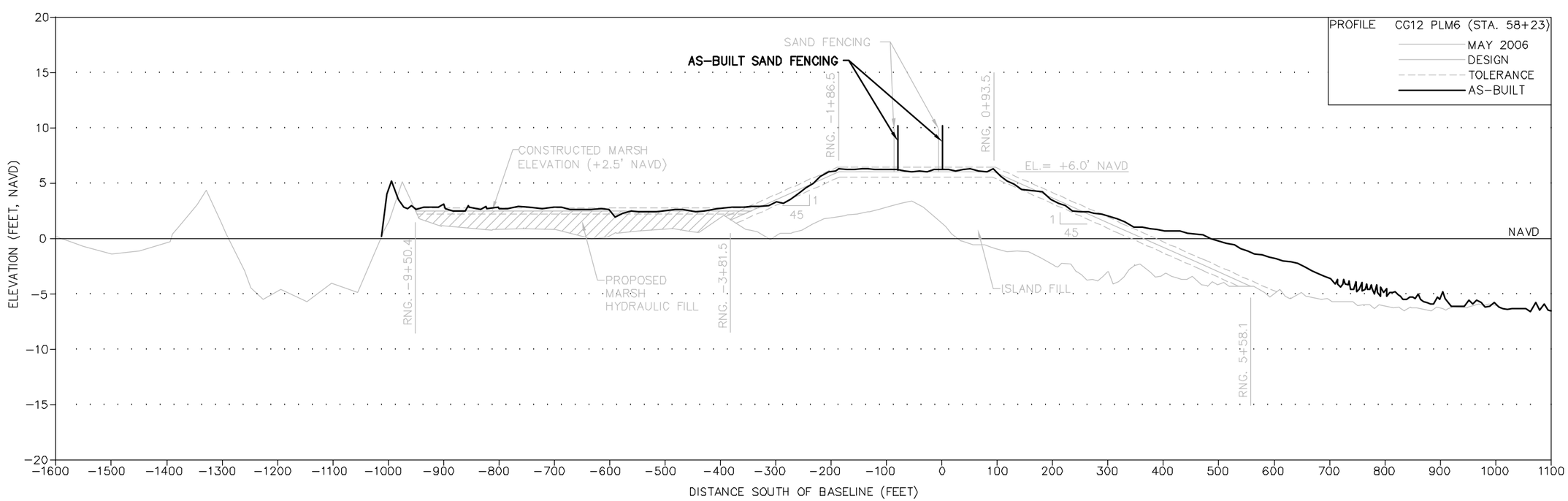

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No.	Date	Description

Designed by: GT | Checked by: AB
Drawn by: RC | Reviewed by: GT
Date: 4/13/07 | Submitted by: JAW
Plot Scale: AS NOTED | Comm. No: 7201.23

Reference Files: (NODES)(CHALAND.DWG)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

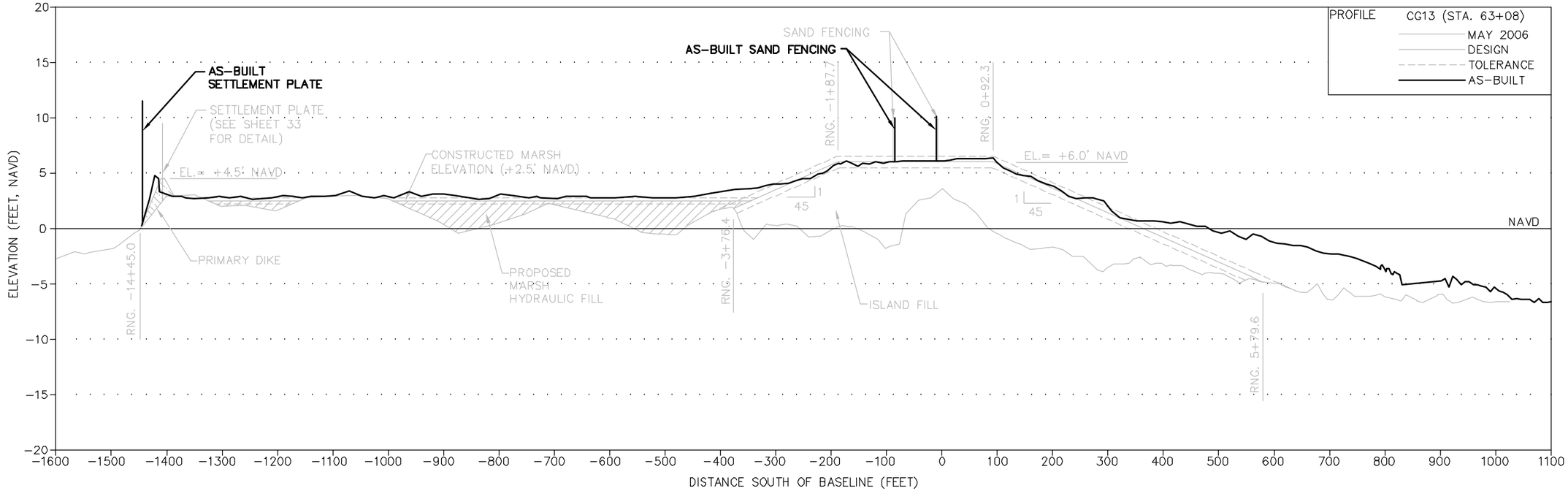
AS-BUILT CROSS SECTIONS

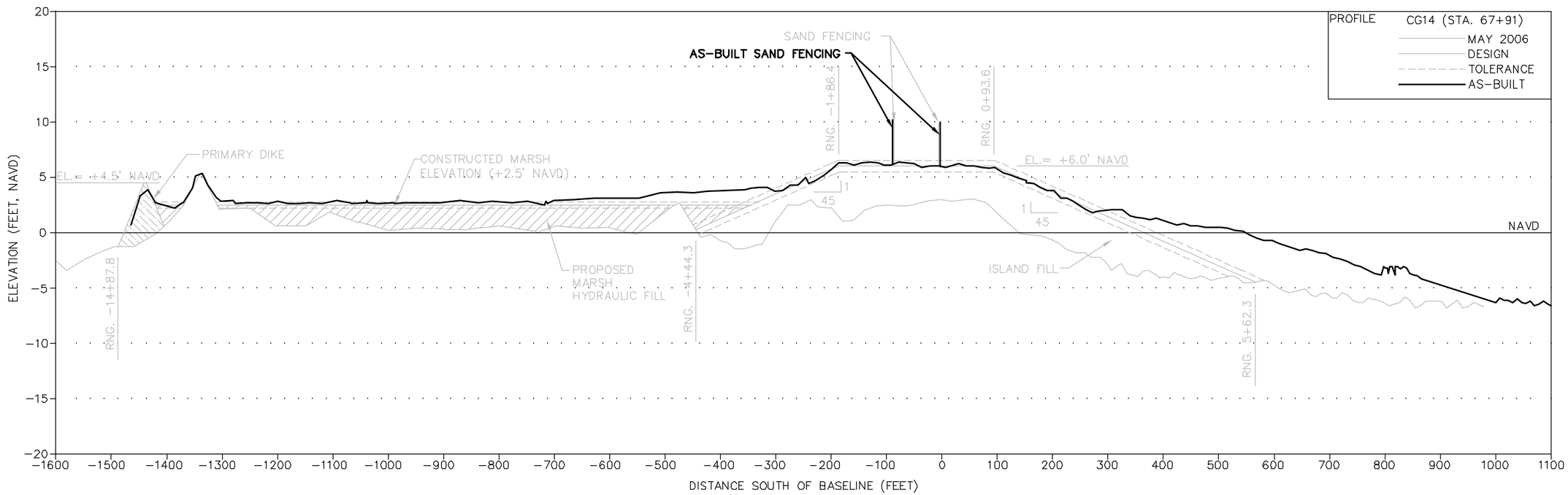
DRAWING NO.

XS-6

SHEET 14 OF 35

H:\Louisiana\72815\Post Construction\CHALAND X-SECTIONS-2.dwg – Apr 18, 2007 @ 10:33am – Innerphant





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C.O.A. FL #4028
C.O.A. LA #2531
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No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: JAW
Comm. No: 720.125
Designed by: GT
Drawn by: RC
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: (NONE)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-7

SHEET 15 OF 35

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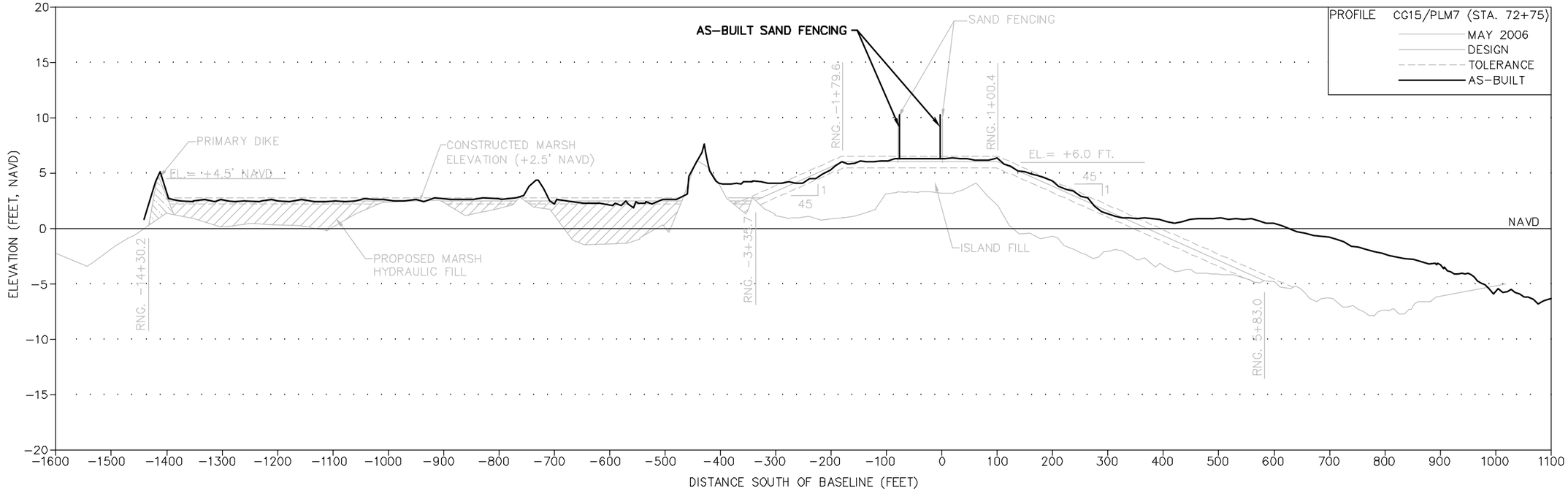

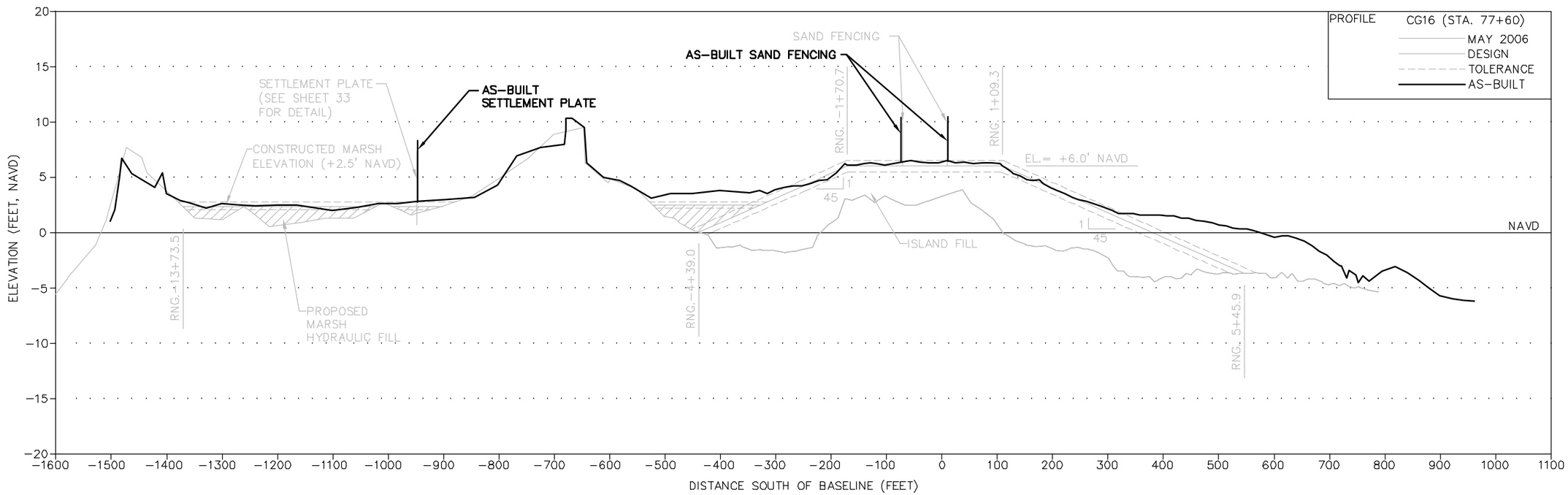

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No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: SAW
Comm. No: 7201.25
Designed by: GT
Drawn by: RC
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: (NONE)

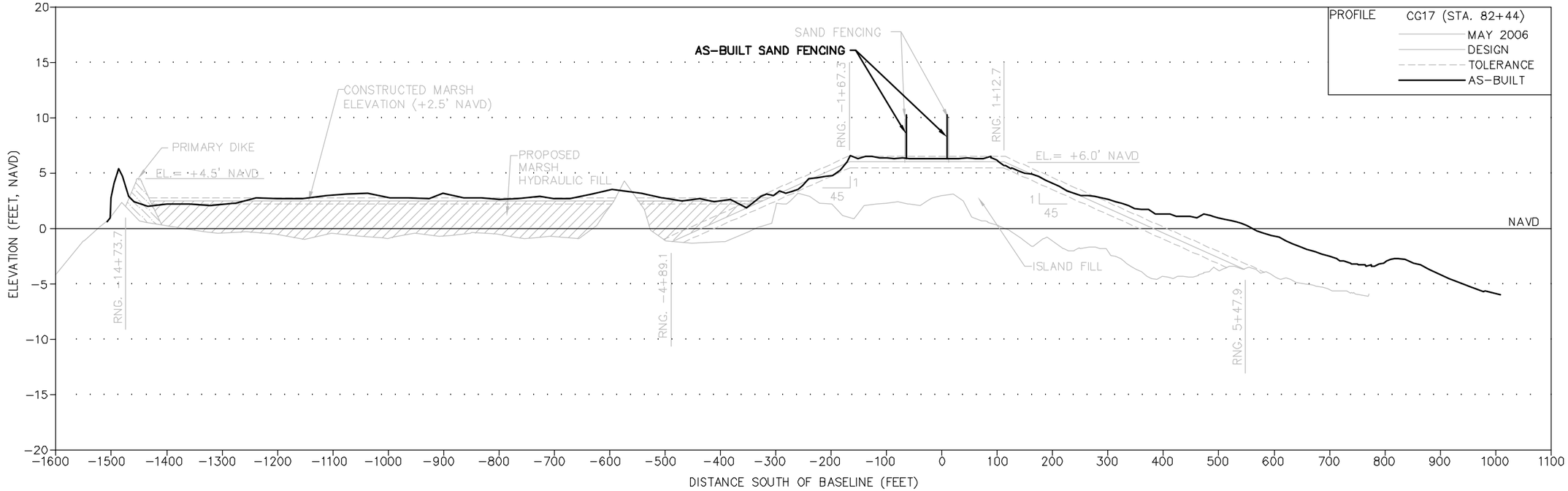
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

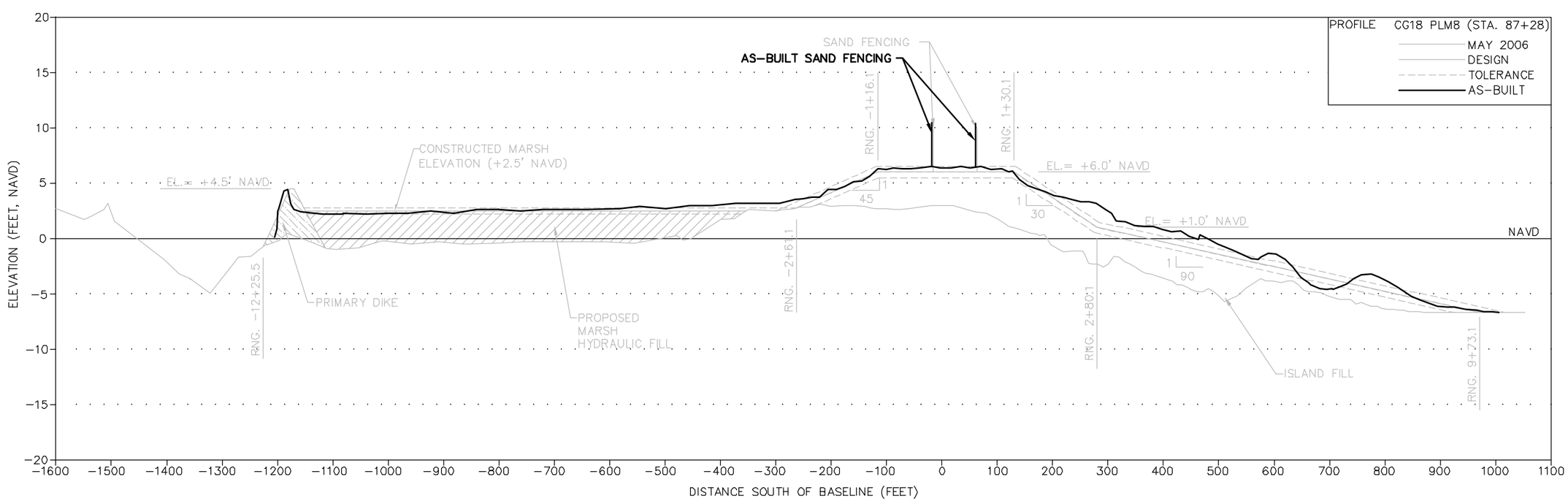
AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-8

H:\Louisiana\72815\Post Construction\CHALAND X-SECTIONS-2.dwg – Apr 18, 2007 @ 10:35am – Innerphant





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No.	Date	Description

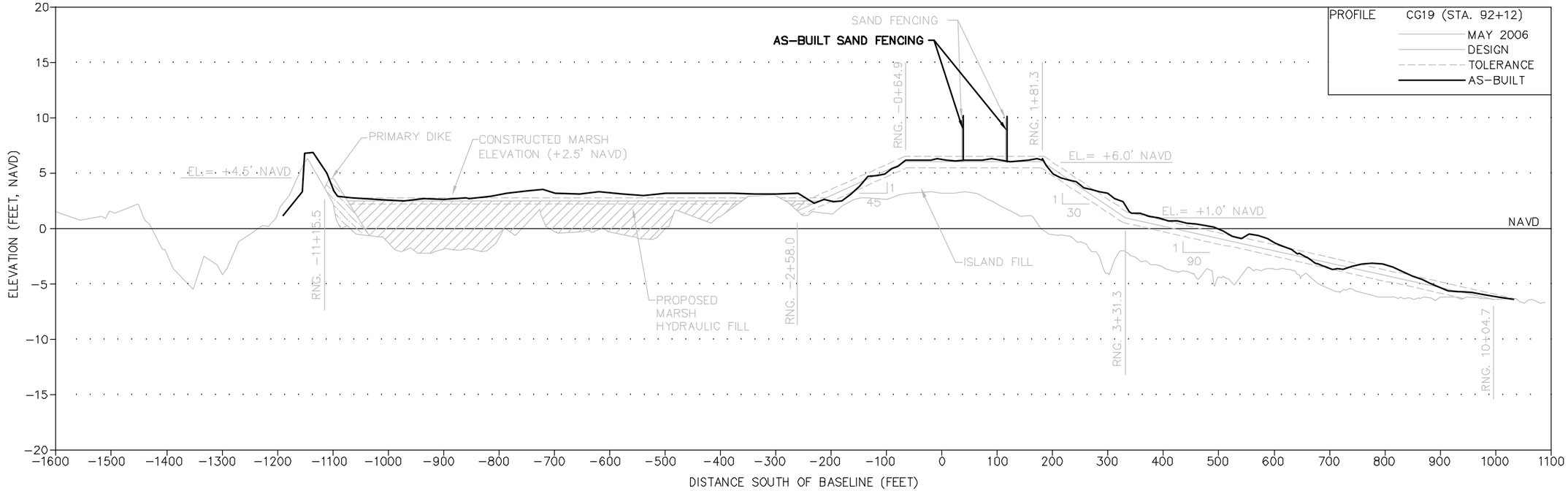
Checked by: AB
Designed by: CJT
Reviewed by: GT
Drawn by: RC
Submitted by: JAW
Date: 4/13/07
Plot Scale: AS NOTED
Comm. No: 720.123
Reference Files: pcs0720-CHALAND.dwg

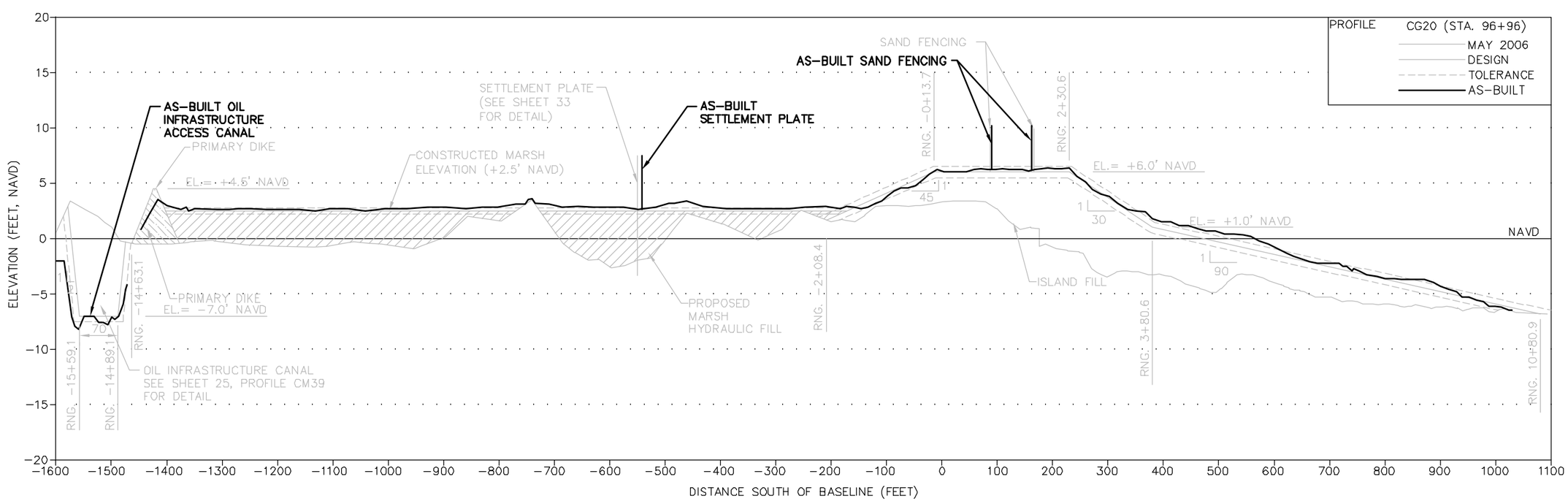
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-9





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No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: JAW
Comm. No: 7201.23
Designed by: GT
Drawn by: RC
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: BOREDSECTIONS.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-10

SHEET 18 OF 35

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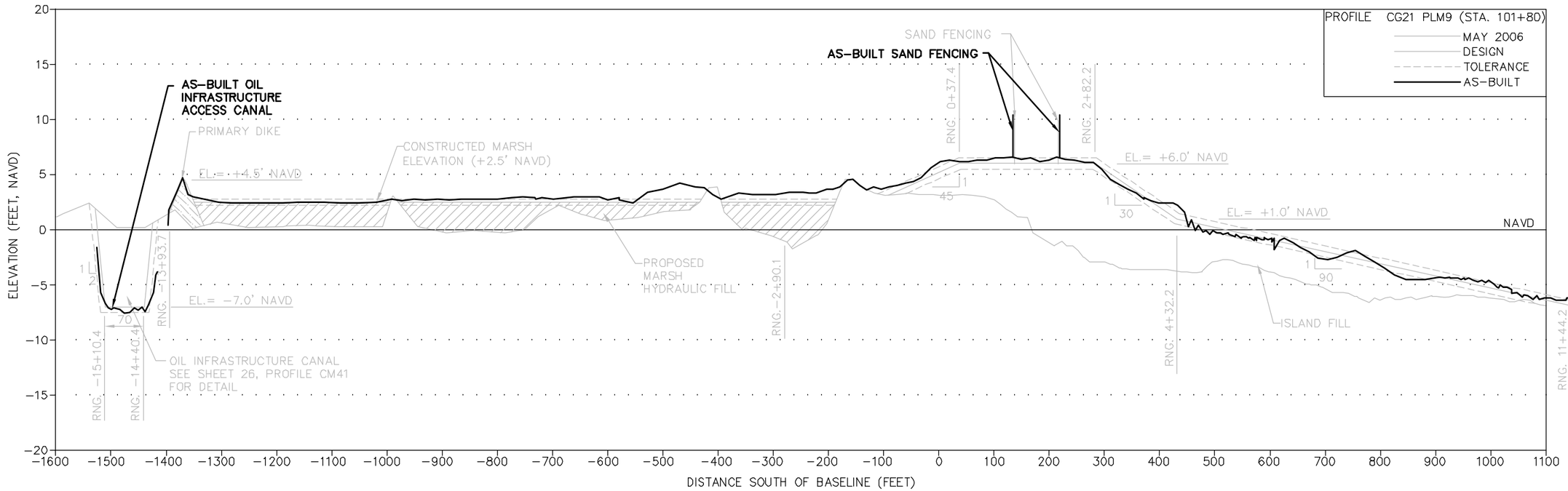

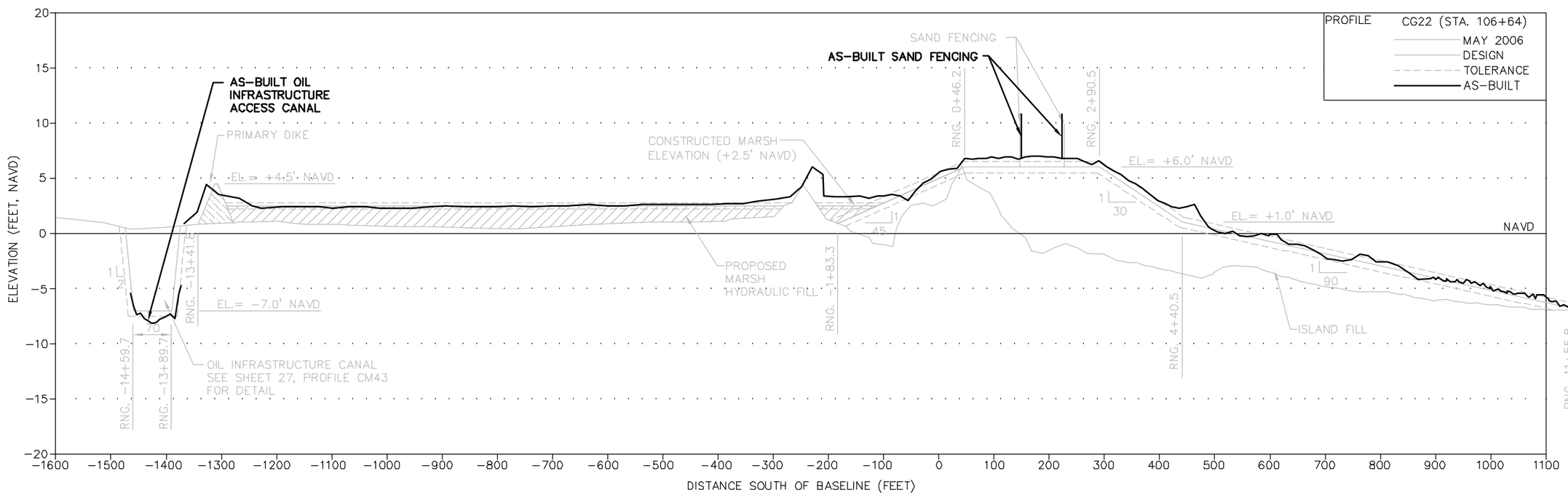

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No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: JAW
Comm. No: 7201.23
Designed by: GT
Drawn by: RC
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: (NONE)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-11

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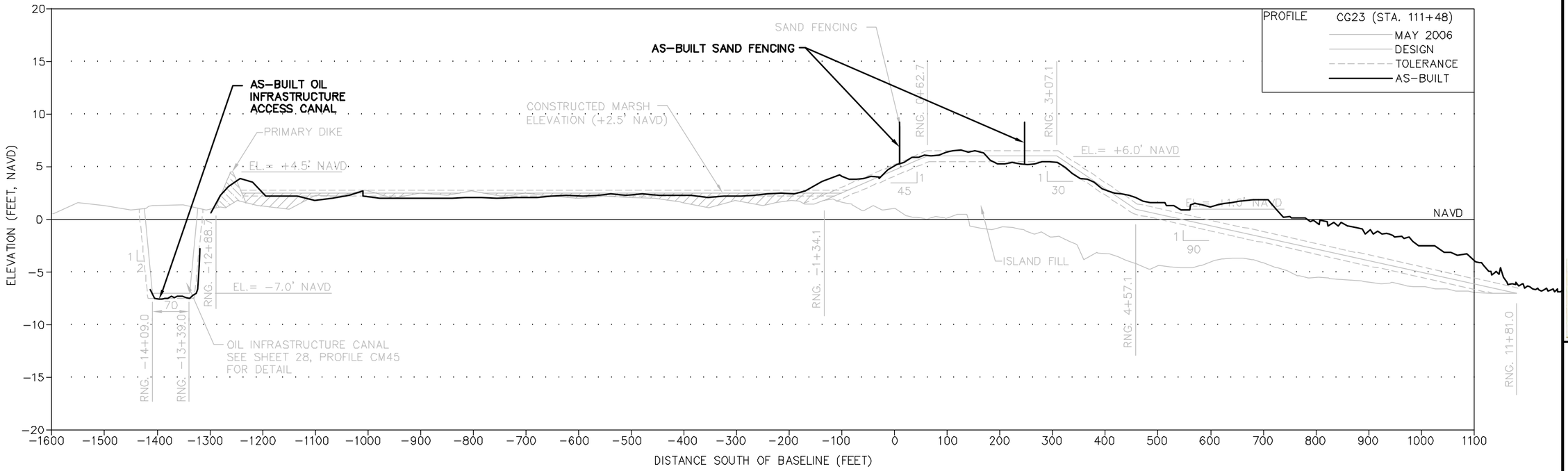

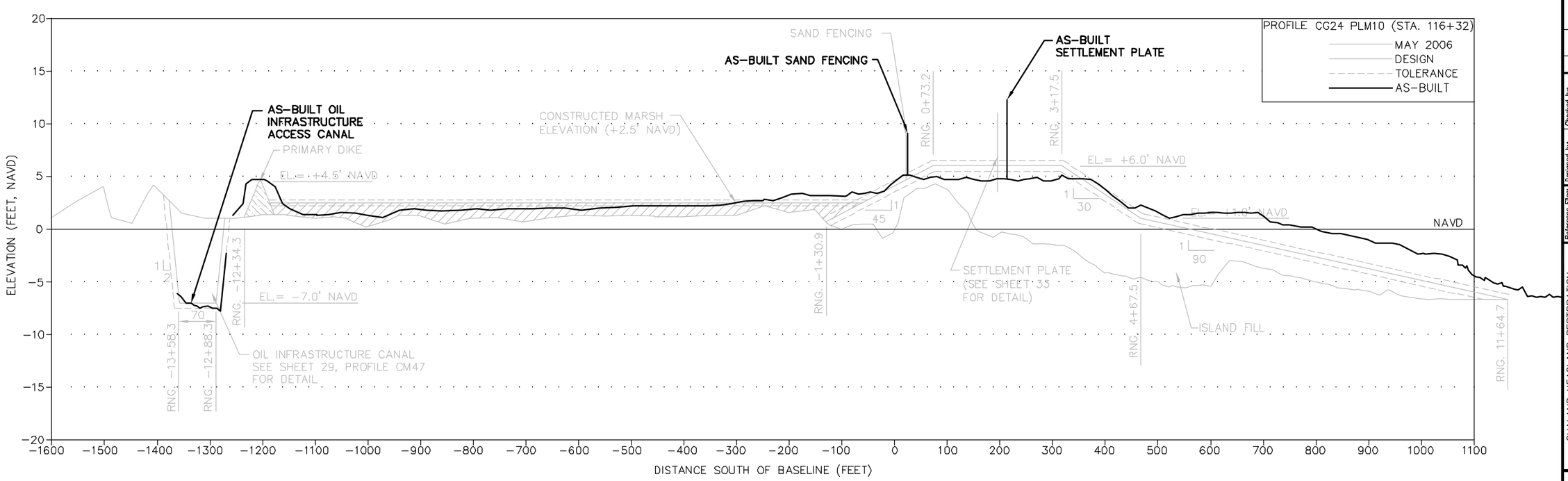

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No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: SAW
Comm. No: 720.125
Designed by: GT
Drawn by: RC
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: (NONE)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-12

SHEET 20 OF 35

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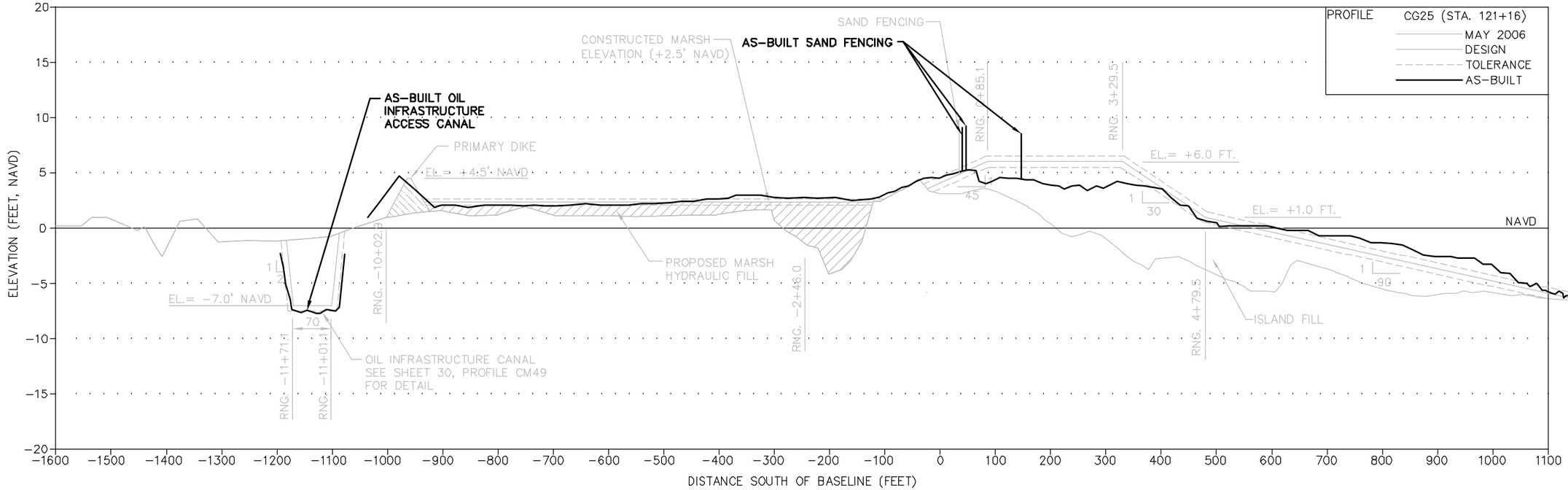

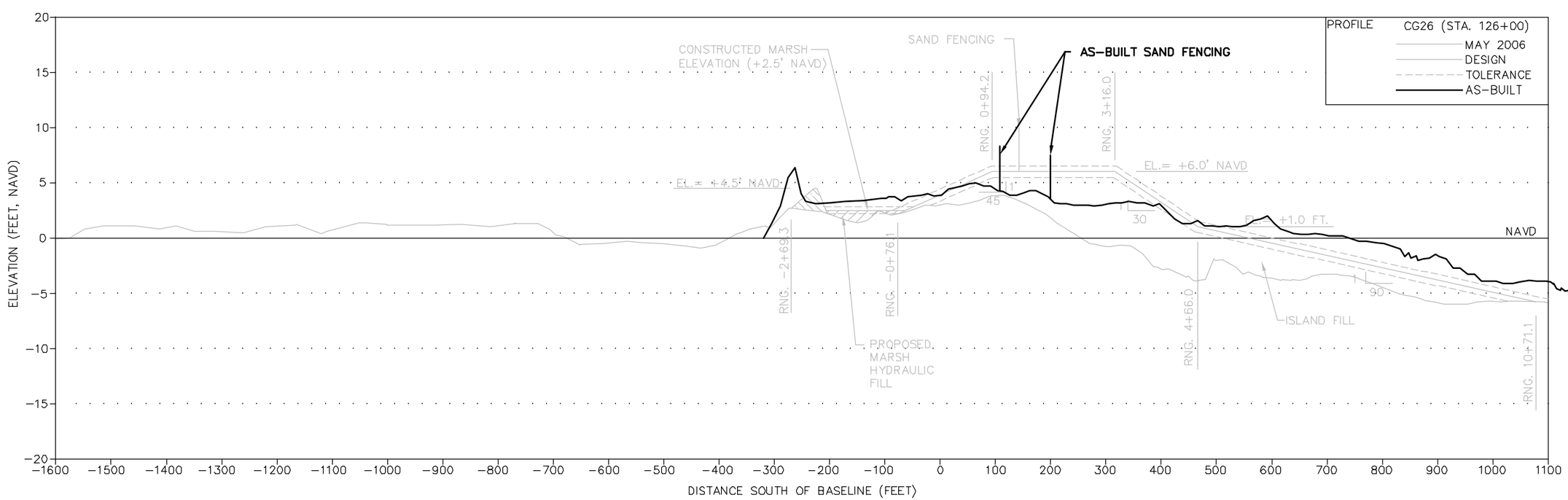

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No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: AW
Comm. No: 7201.25
Designed by: GT
Drawn by: RC
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: (NONE)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-13

SHEET 21 OF 35

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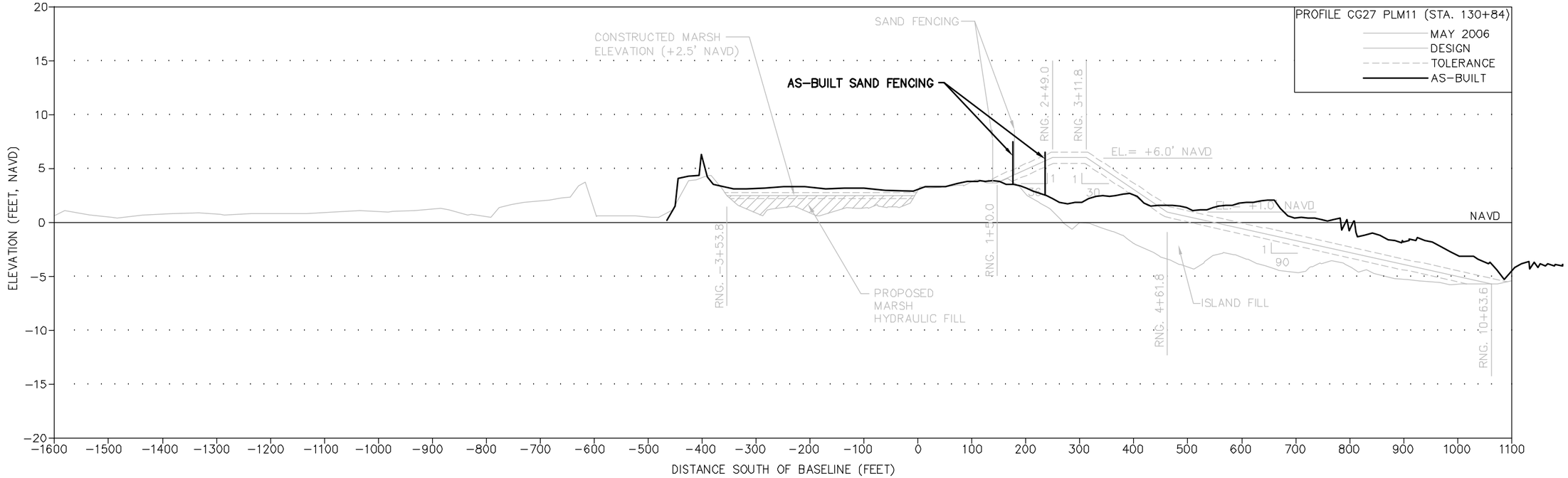

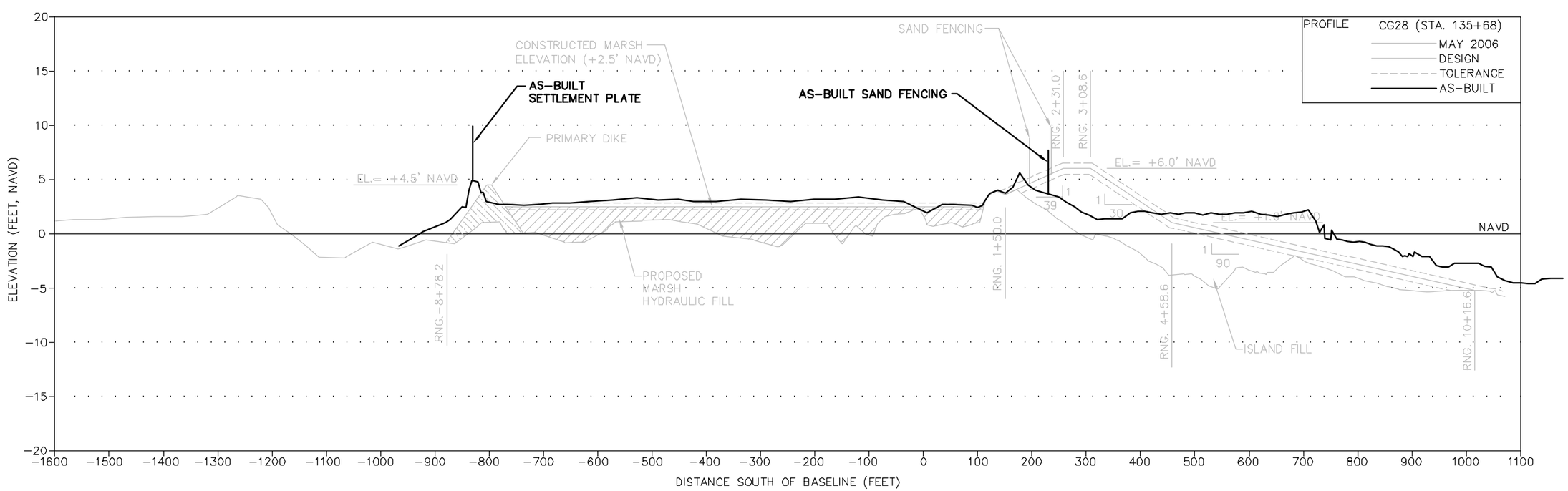

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No.	Date	Description

Designed by: GT | Checked by: AB
Drawn by: RC | Reviewed by: GT
Date: 4/13/07 | Submitted by: JAW
Plot Scale: AS NOTED | Comm. No: 7201.23
Reference Files: (NONE)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

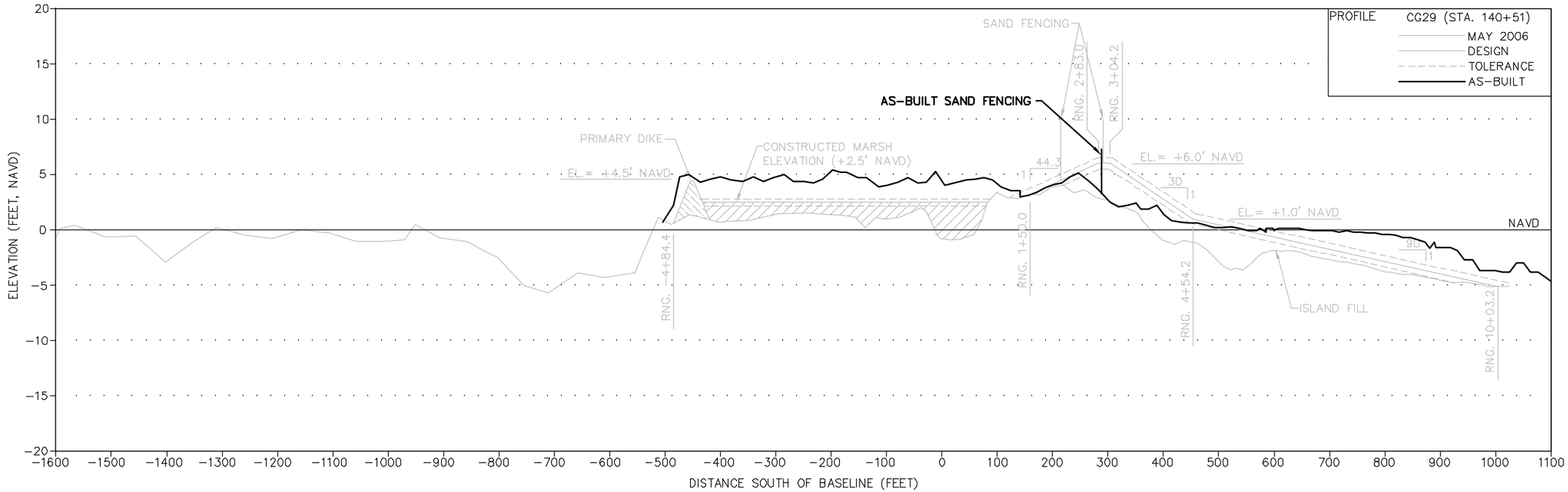
AS-BUILT CROSS SECTIONS

DRAWING NO.

XS-14

SHEET 22 OF 35

H:\Louisiana\72815\Post Construction\CHALAND X-SECTIONS-2.dwg – Apr 18, 2007 @ 10:44am – Imerphant



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No.	Date	Description

Reference Files: BOREDITCHALAND.DWG

Designed by: GT
Drawn by: RC
Date: 4/13/07
Plot Scale: AS NOTED

Checked by: AB
Reviewed by: GT
Submitted by: AW
Comm. No.: 7281.25

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

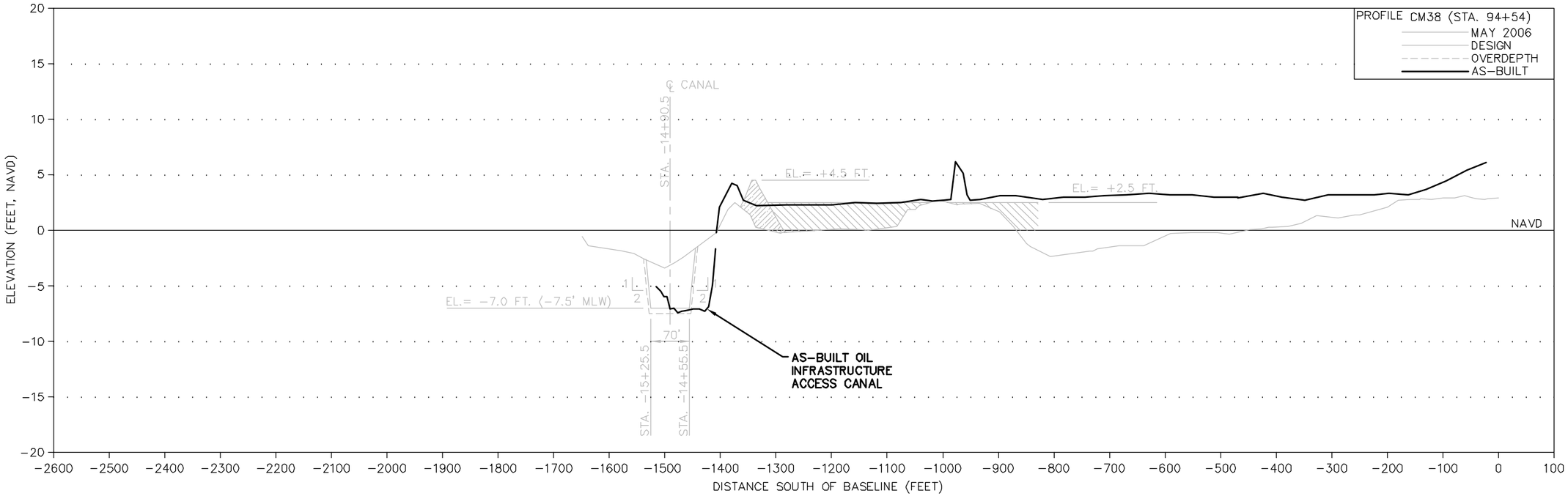
AS-BUILT CROSS SECTIONS

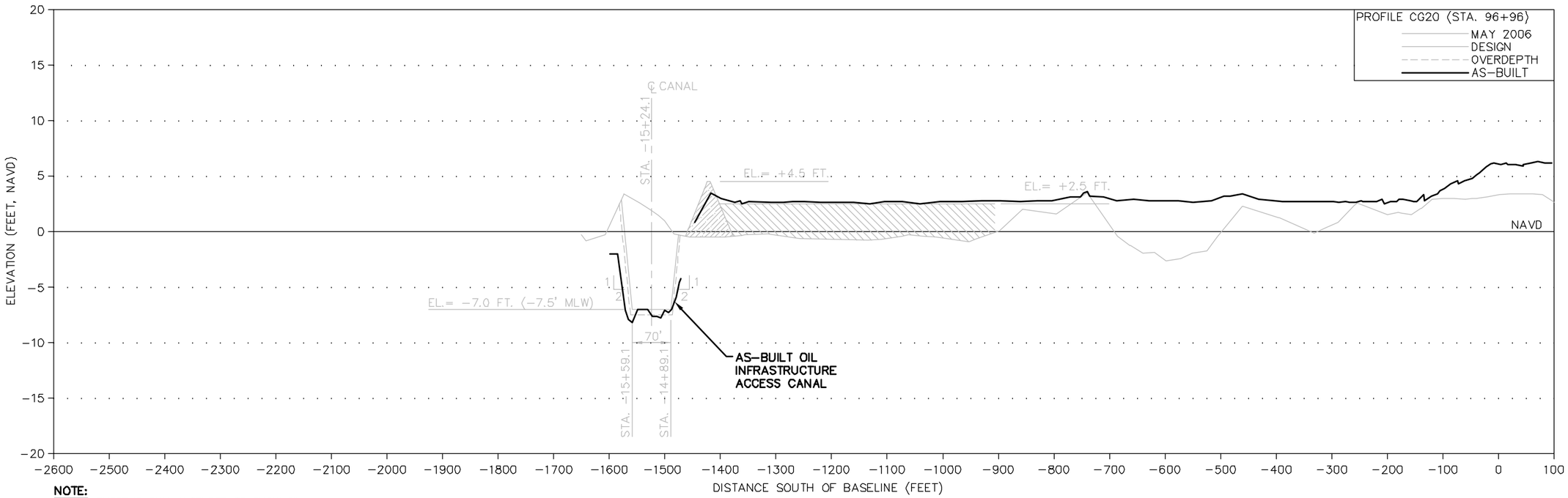
DRAWING NO.

XS-15

SHEET 23 OF 35

N:\Jacksonville\72812.5\Post Construction\CHALAND X-SECTIONS-2.dwg – Apr 16, 2007 @ 10:44am – Timerahant





NOTE:
1. THIS SHEET IS ONLY INTENDED TO SHOW OIL INFRASTRUCTURE ACCES CANAL DETAIL. PRIMARY DIKE AND MARSH SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

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No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: AW
Comm. No.: 7261.25
Designed by: GT
Drawn by: TW
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: 0000CPEDWG\AS-BUILT

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT - AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.
XS-16

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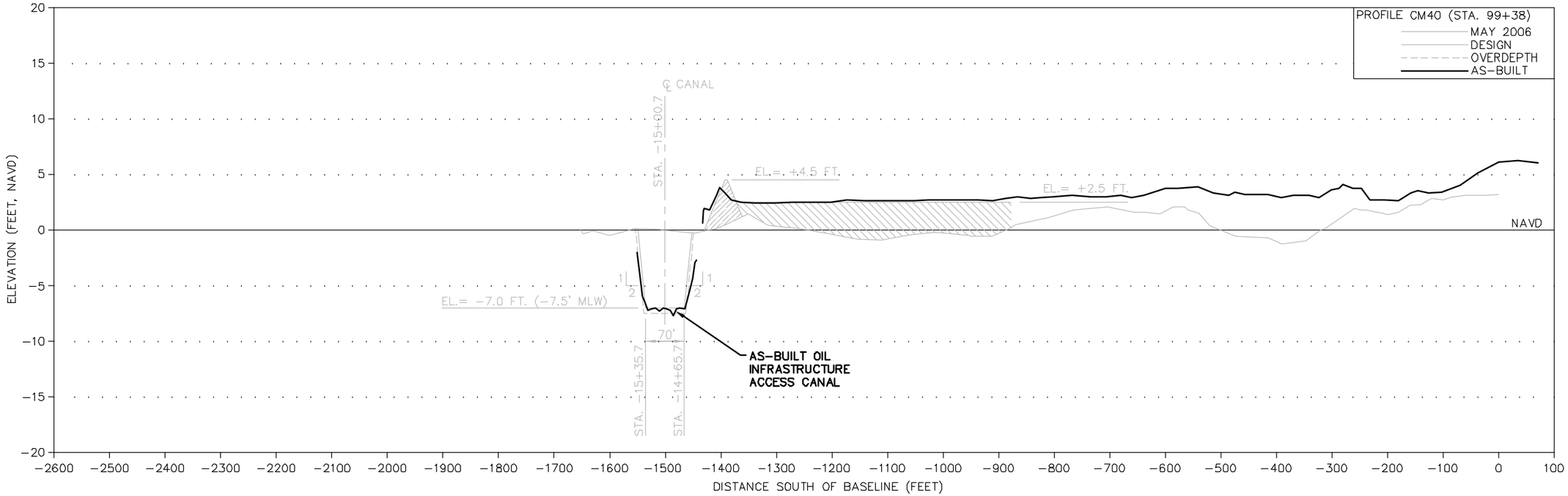

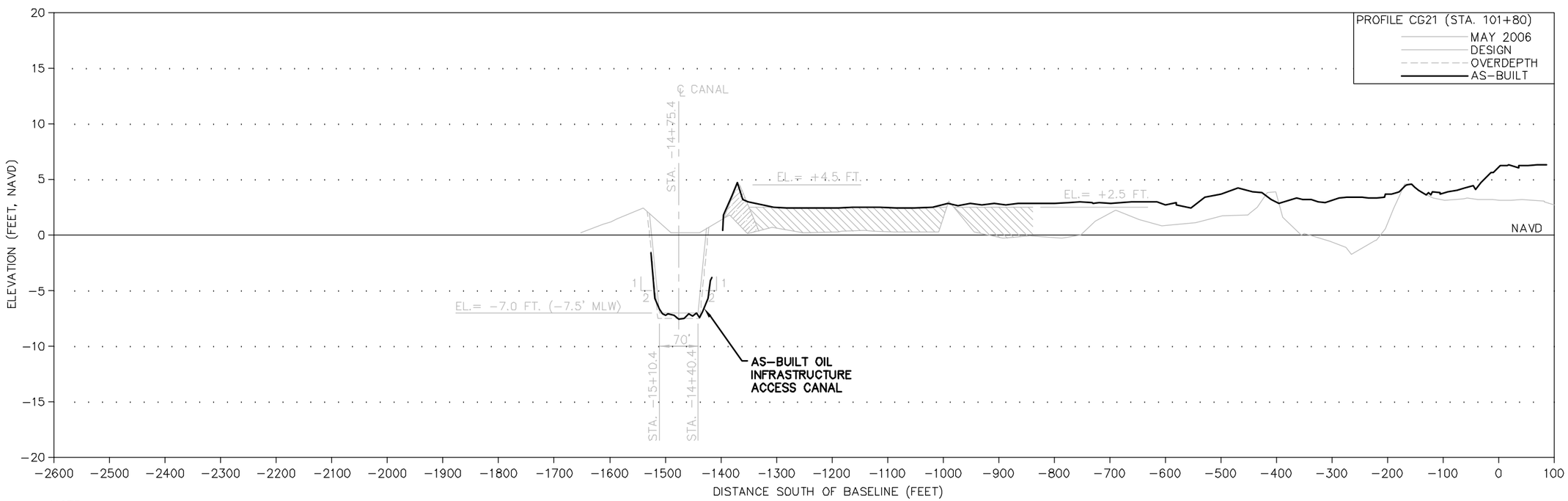

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C.O.A. LA. #2531
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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 4/13/07
Submitted by: AW
Plot Scale: AS NOTED
Comm. No.: 7261.25
Reference Files: 0000CONTROL\0000xrefs

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT - AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.
XS-17

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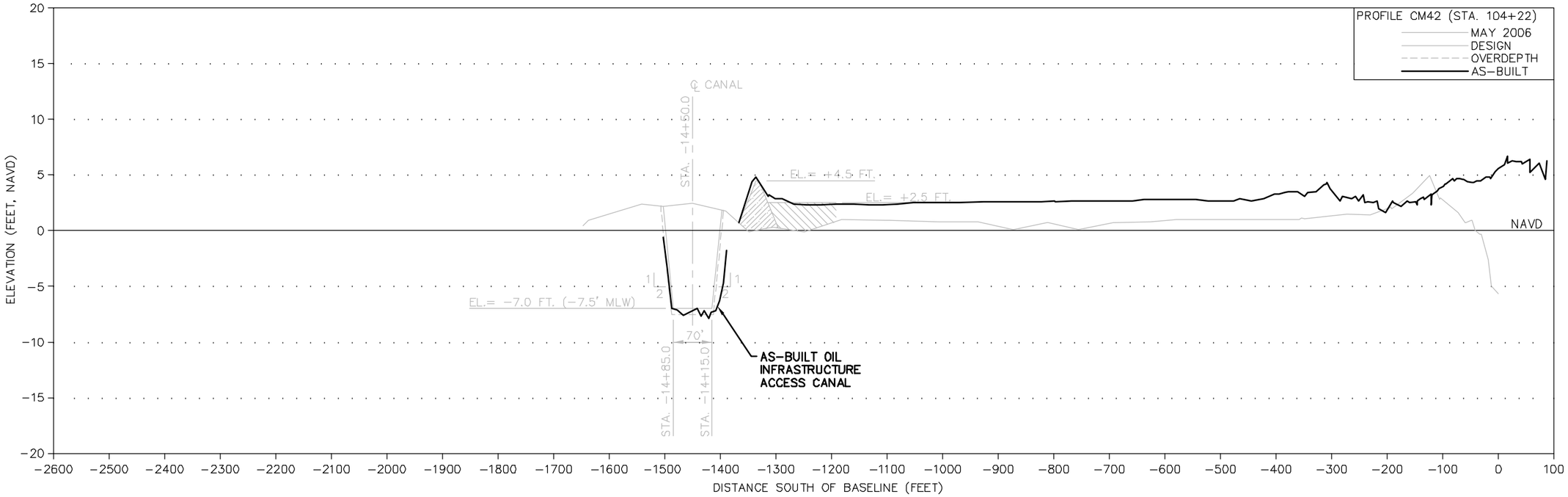

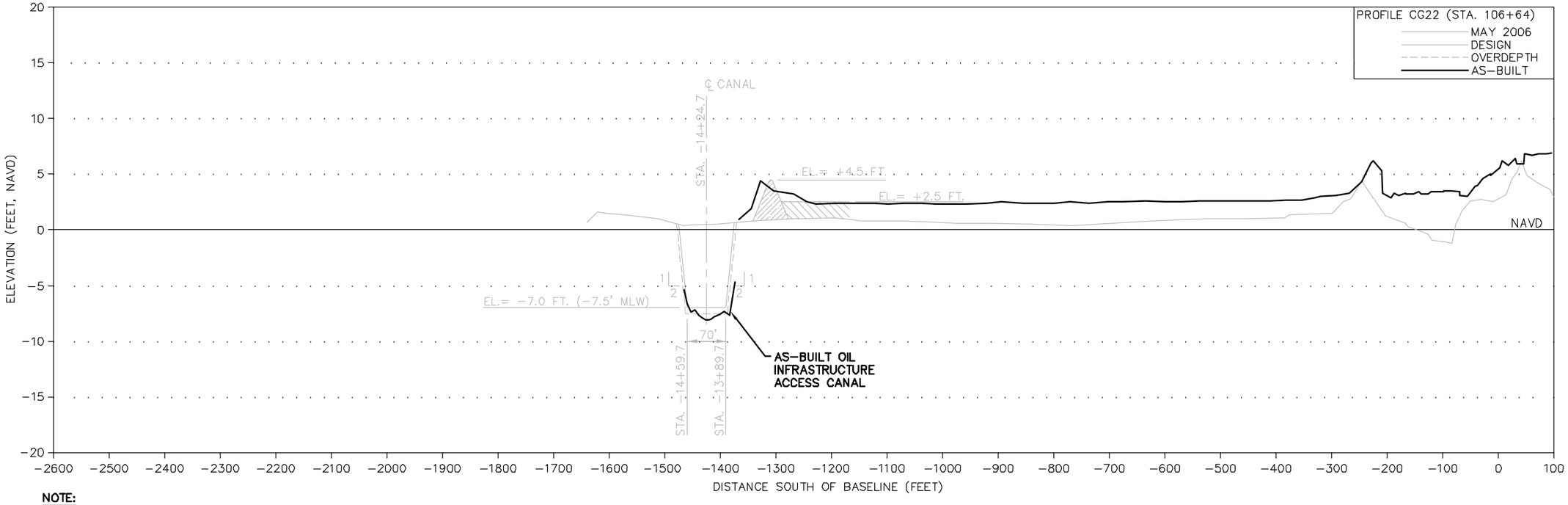

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C.O.A. LA #2531
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No.	Date	Description

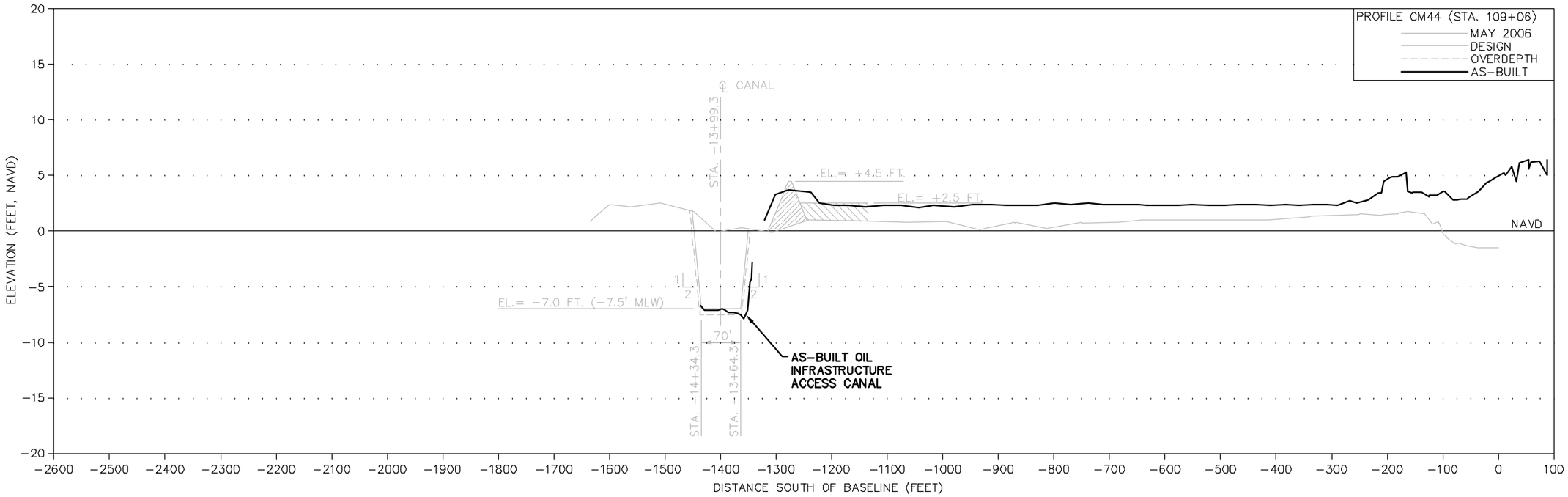
Checked by: AB
Reviewed by: GT
Submitted by: AW
Comm. No.: 726.25
Designed by: GT
Drawn by: TW
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: BOBSTROMLAYOUT

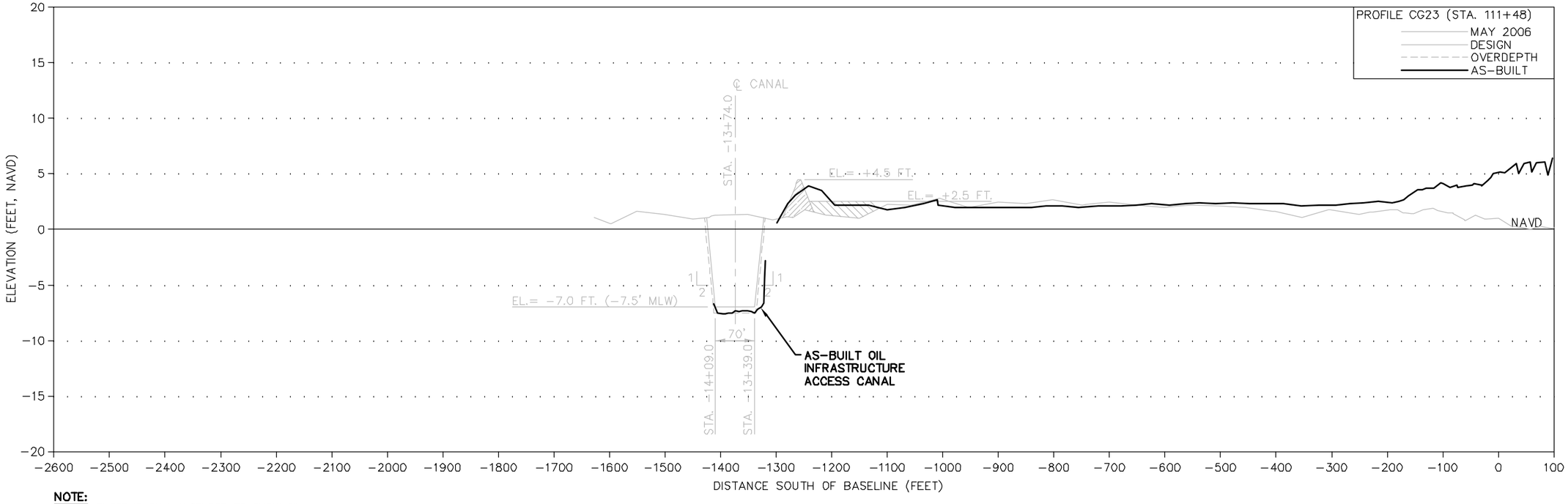
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.
XS-18

N:\Louisiana\726125\Post Construction\CHALAND CANAL X-SECTIONS.dwg - Apr 18, 2007 @ 10:50am - Trenchard





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No.	Date	Description

Checked by: AB
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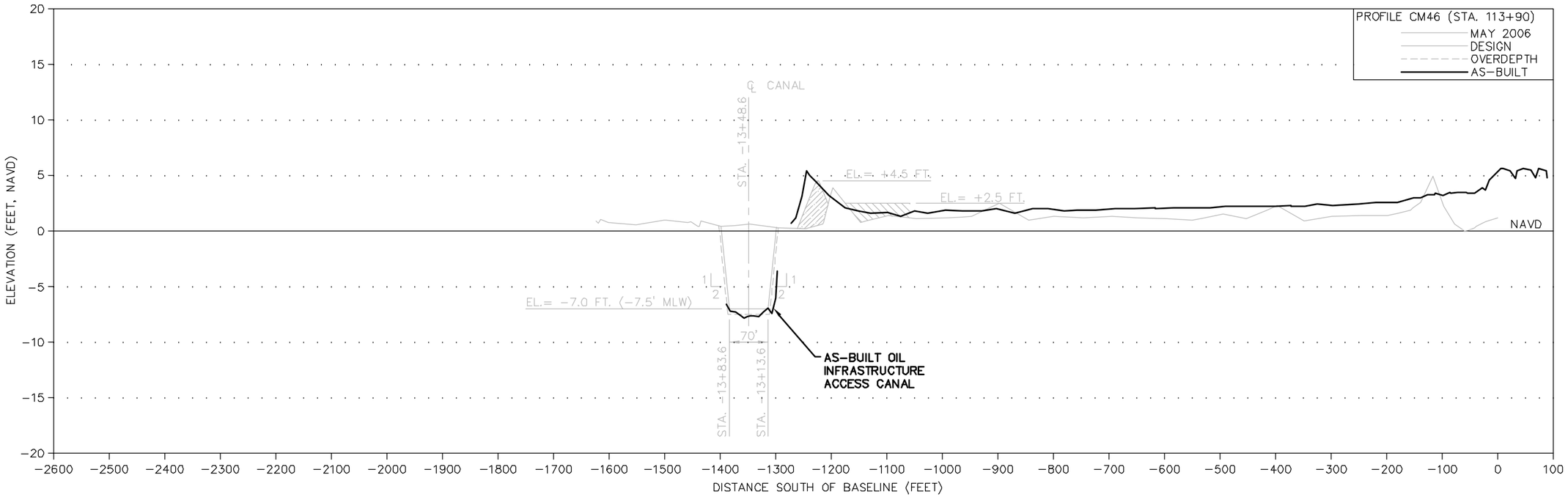
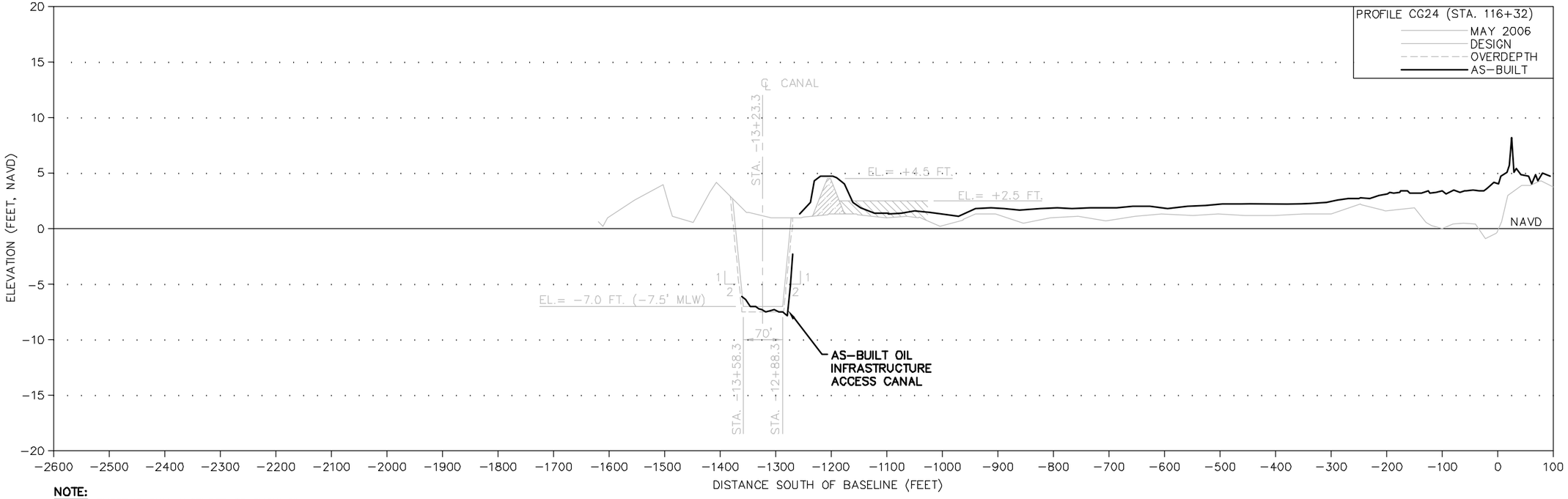
Submitted by: AW
Comm. No.: 726.25
Designed by: GT
Drawn by: TW
Date: 4/13/07
Plot Scale: AS NOTED
Reference Files: BASE/CM/AS-BUILT

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.
XS-19





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Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
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Submitted by: AW
Plot Scale: AS NOTED
Comm. No.: 7261.25
Reference Files: pcs2007mdwdwd

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT - AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.
XS-20

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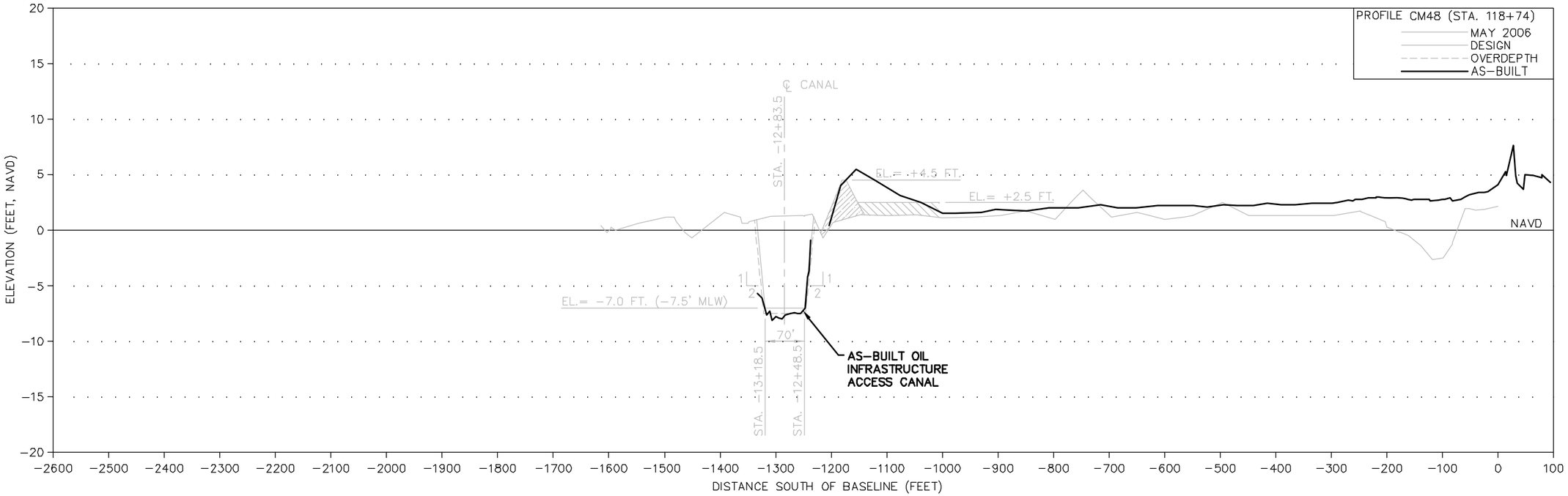

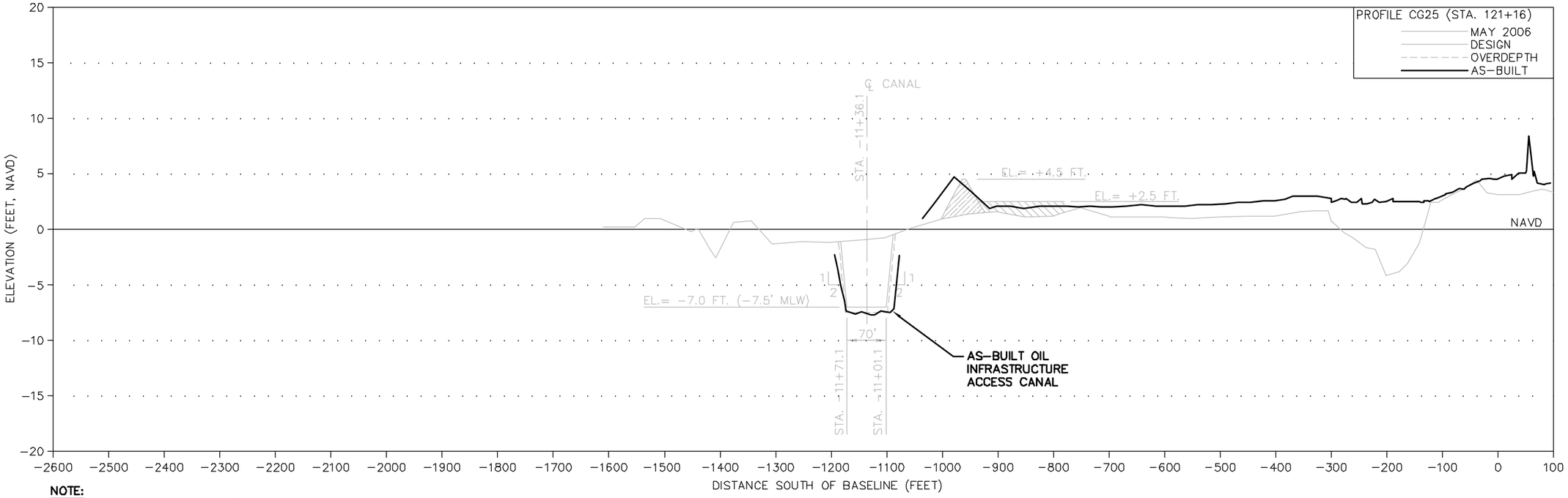

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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 4/13/07
Submitted by: AW
Plot Scale: AS NOTED
Comm. No.: 7261.25

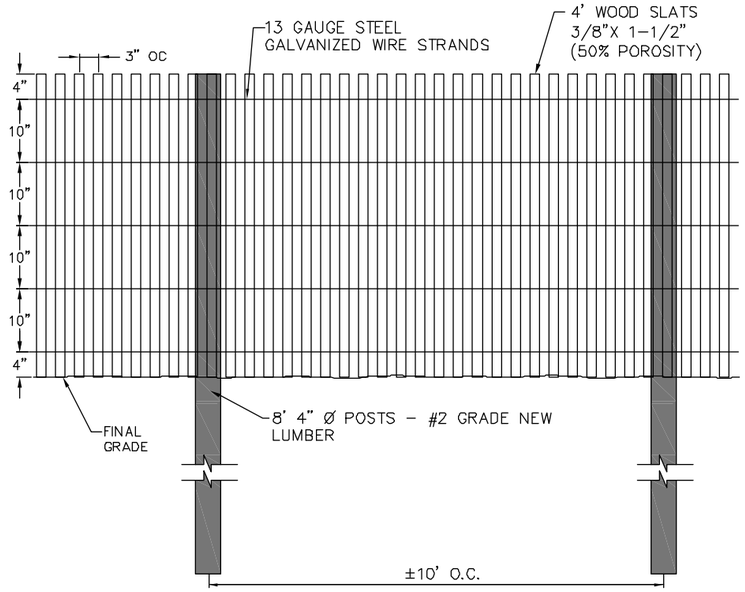
Reference Files: 0000CONFORMED

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT CROSS SECTIONS

DRAWING NO.
XS-21

H:\Louisiana\726125\Post Construction\CHALAND CANAL X-SECTIONS.dwg -- Apr 18, 2007 @ 10:51am -- Tmarshort



FENCING DETAILS

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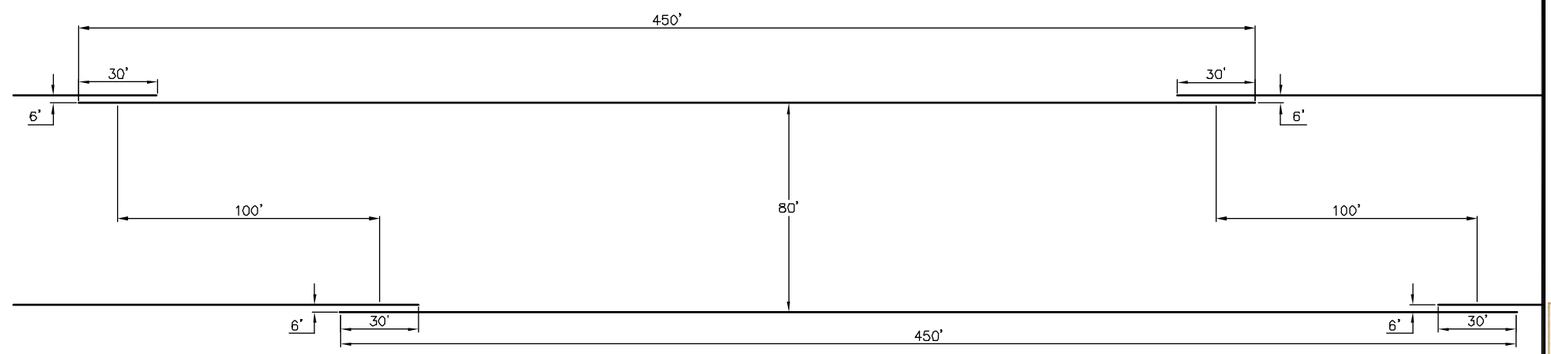
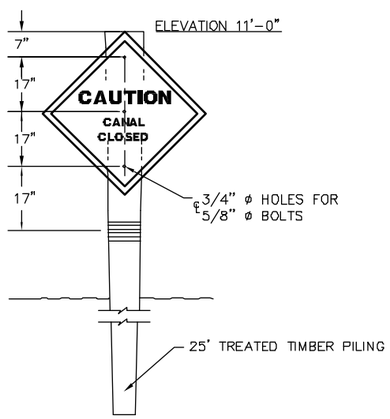


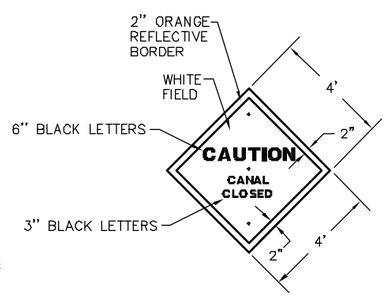
FENCE GAPPING DIMENSIONS

N.T.S.



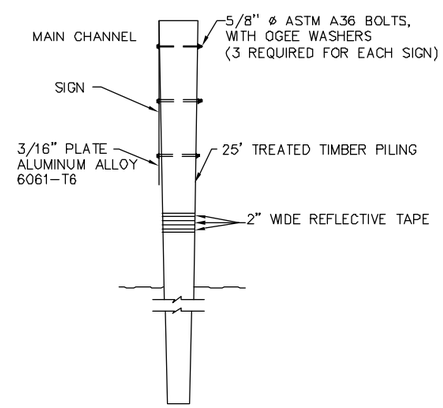
CAUTION SIGN ELEVATION

N.T.S.



CAUTION SIGN DETAIL

N.T.S.



CAUTION SIGN SIDE DETAIL

N.T.S.

GENERAL NOTES:

1. FIVE UNLIGHTED CAUTION SIGNS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON PLAN VIEWS.
2. THE 2" BORDER ON THE CAUTION SIGN WILL BE A REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD WILL BE A REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE CAUTION SIGNS WILL BE BLACK. ALL SIGNS MUST MEET U.S. COAST GUARD STANDARDS; IN ACCORDANCE WITH 33 CFR 330.4 (a) (1) WHICH CAN BE DOWNLOADED AT http://www.access.gpo.gov/nara/cfr/waisidx_02/33cfr330_02.html
3. NEOPRENE WASHERS SHALL BE PLACED BETWEEN THE SIGN AND THE PILING AT ALL POINTS OF CONTACT. SPACERS SHALL BE PLACED BETWEEN THE SIGN AND THE WASHERS. A PLASTIC OR NYLON SLEEVE SHALL BE PLACED TO PREVENT DIRECT CONTACT BETWEEN THE BOLT AND THE SIGN.
4. HARDWARE FOR TIMBER CONNECTIONS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH SECTION 811.5 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS PUBLISHED BY THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, LATEST EDITION.
5. ALL TIMBER PILINGS SHALL CONFORM TO LA DOTD 2000 STANDARD SPECIFICATION SECTIONS 812 AND 1014. ALL PILING SHALL BE TREATED WITH CREOSOTE OR CHROMATED COPPER ARSENATE (CCA). ALL CREOSOTE TREATMENT SHALL MEET AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) P2 WITH A MINIMUM RETENTION OF 20 LB./CU. FT. ALL CREOSOTE TREATED PILINGS SHALL BE STEAM FLUSHED FOR A MINIMUM OF ONE (1) HOUR AT 240°F (116°C) AFTER TREATMENT. ALL CCA TREATED PILES SHALL CONFORM TO AWPA CW WITH A MINIMUM RETENTION OF 2.5 LB./CU. FT. OF CCA OXIDES IN THE OUTER 0.60 INCHES. RETENTION SHALL BE DETERMINED BY ASSAY PERFORMED AND CERTIFIED BY THE TREATING COMPANY.
6. TIMBER PILING SHALL BE 25-FEET IN LENGTH WITH A NOMINAL 12-INCH DIAMETER BUTT AND 8-INCH MINIMUM DIAMETER AT THE TIP, PER ASTM D25.
7. SAND FENCE SPACING VARIED ALONG PROJECT LENGTH. SEE PLAN VIEW AND CROSS-SECTION SHEETS FOR AS-BUILT LOCATIONS.

COASTAL PLANNING & ENGINEERING, INC.
2481 N.W. BOCA RATON BOULEVARD
BOCA RATON, FLORIDA 33431
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FAX (561) 391-8116
C.O.A. FL. #4028
C.O.A. LA. #2531
www.CoastalPlanning.net

No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: AW
Comm. No.: 7261.25

Designed by: GT
Drawn by: TDM
Date: 4/13/07
Plot Scale: AS NOTED

Reference Files: Bdsbctrl\ac\bdsbctrl

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT - AS-BUILT DRAWINGS

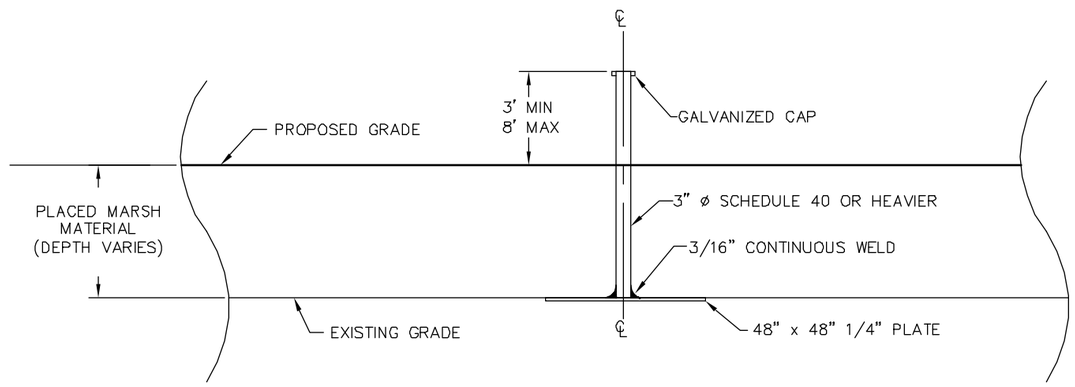
AS-BUILT
SAND FENCING & SIGN DETAILS

DRAWING NO.

DE-1

SHEET 30 OF 35

H:\Jobs\Bdsbctrl\7261\00\CONSTRUCTION\CHALAND\CHALAND SAND FENCE DETAIL.dwg



SETTLEMENT PLATE DETAIL

NOT TO SCALE

SETTLEMENT PLATE LOCATIONS		
STATION	RANGE	LOCATION
19+52	-0+45	MIDDLE OF SAND DUNE
38+88	-6+00	MARSH
63+08	-14+22	C.L. OF PRIMARY DIKE
77+60	-8+48	MARSH
96+96	-5+50	MARSH
116+32	1+55	MIDDLE OF SAND DUNE
135+68	-8+37	C.L. OF PRIMARY DIKE

NOTE:

1. SETTLEMENT PLATES SHALL BE BUILT USING ASTM A36 STEEL AND HOT-DIPPED GALVANIZED AFTER FABRICATION.

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C.O.A. LA #2531
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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TDM
Reviewed by: GT
Date: 4/13/07
Submitted by: AW
Plot Scale: AS NOTED
Comm. No: 7261.25

Reference Files: DEMOLITION-AS-BUILT

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT - AS-BUILT DRAWINGS

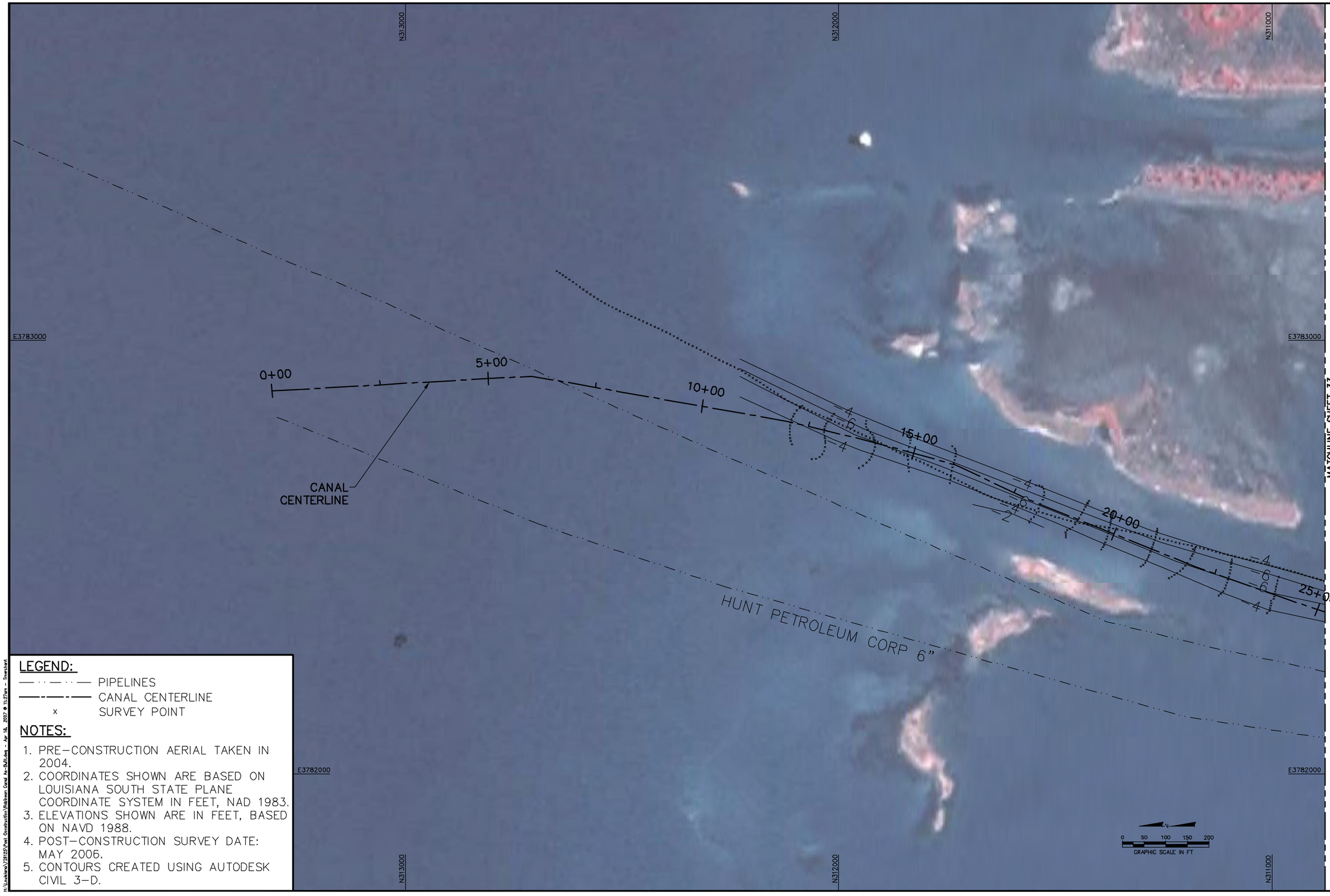
AS-BUILT
SETTLEMENT PLATE DETAIL

DRAWING NO.

DE-2

SHEET 31 OF 35

R:\Louisiana 7261\15-Post Construction Drawings\Details.dwg - Apr 16, 2007 8:47am - Trevorhart



LEGEND:

- PIPELINES
- CANAL CENTERLINE
- × SURVEY POINT

NOTES:

1. PRE-CONSTRUCTION AERIAL TAKEN IN 2004.
2. COORDINATES SHOWN ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. ELEVATIONS SHOWN ARE IN FEET, BASED ON NAVD 1988.
4. POST-CONSTRUCTION SURVEY DATE: MAY 2006.
5. CONTOURS CREATED USING AUTODESK CIVIL 3-D.

CPE® COASTAL PLANNING & ENGINEERING, INC.
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C.O.A.: LA. #2531
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No.	Date	Description

Reference File: 728125CHLAND.dwg

Designed by: ST | Checked by: AB
Drawn by: TDM | Reviewed by: ST
Date: 4/13/07 | Submitted by: AW
Plot Scale: AS NOTED | Comm. No.: 728125

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

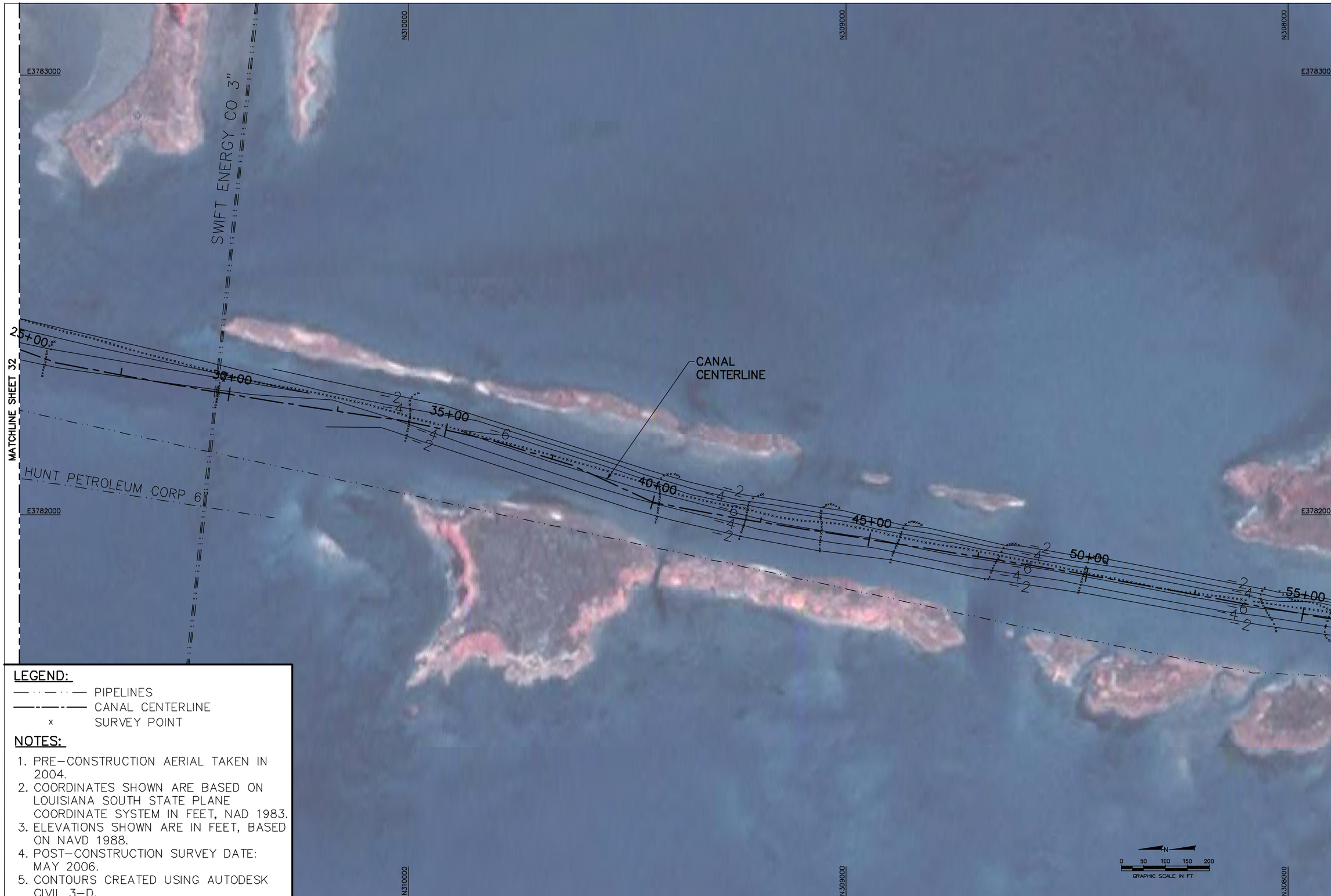
AS-BUILT
ROBINSON CANAL CONTOURS

DRAWING NO.

CR-1

SHEET 32 OF 35

H:\Lawkins\728125\Post Construction\Robinson Canal As-Builders – Apr 16, 2007 @ 11:27am – Timechart



LEGEND:

— · · — · · — PIPELINES

—— · —— · —— CANAL CENTERLINE

x SURVEY POINT

NOTES:

1. PRE-CONSTRUCTION AERIAL TAKEN IN 2004.
2. COORDINATES SHOWN ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. ELEVATIONS SHOWN ARE IN FEET, BASED ON NAVD 1988.
4. POST-CONSTRUCTION SURVEY DATE: MAY 2006.
5. CONTOURS CREATED USING AUTODESK CIVIL 3-D.

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C.O.A. LA. #2531
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No.	Date	Description

Designed by: CT
Drawn by: TDM
Date: 4/13/07
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CT
Submitted by: AW
Comm. No.: 7261.25

Reference FILes: BREECHCHALAND.DWG

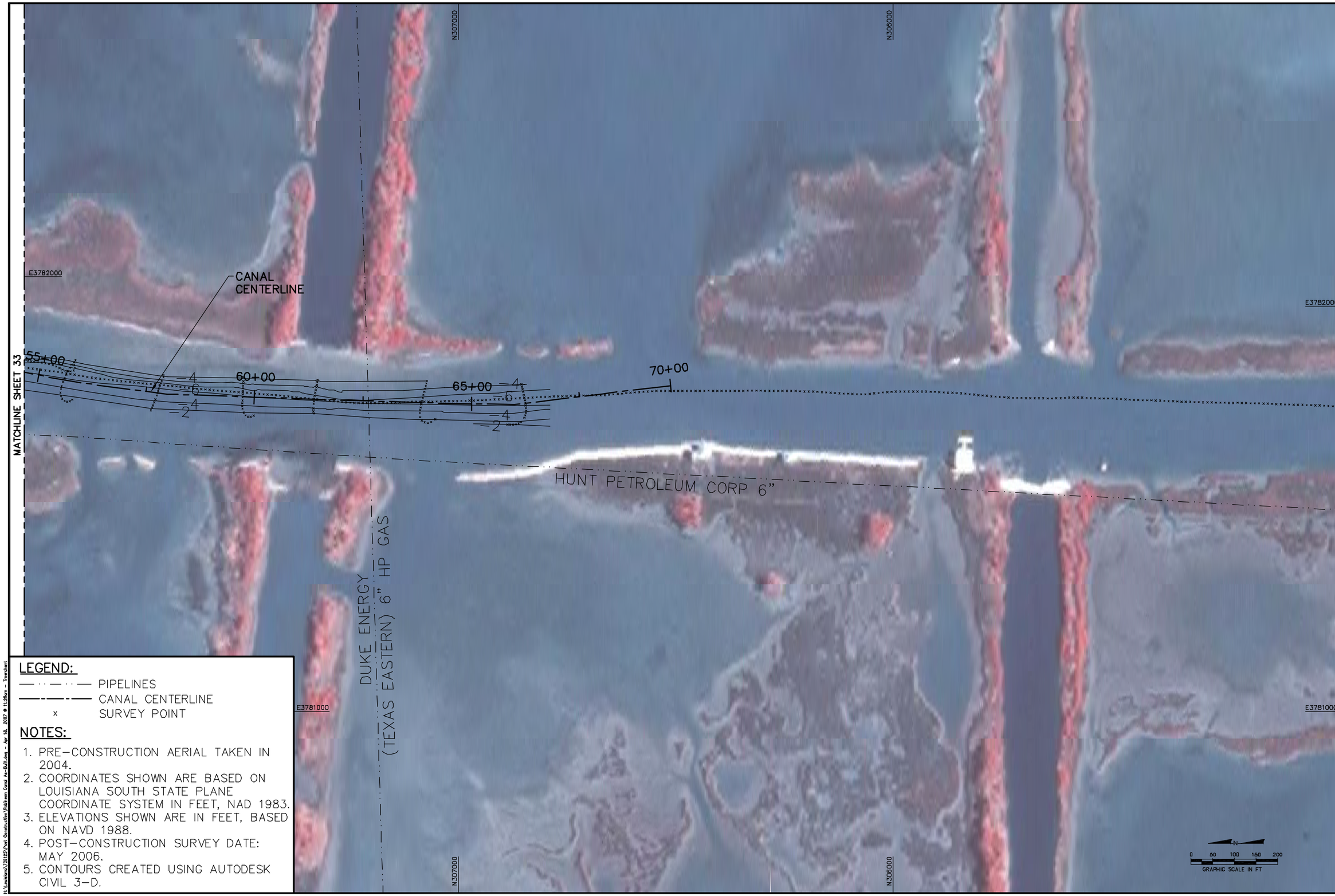
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

AS-BUILT
ROBINSON CANAL CONTOURS

DRAWING NO.

CR-2

SHEET 33 OF 35



LEGEND:

- PIPELINES
- CANAL CENTERLINE
- x SURVEY POINT

NOTES:

1. PRE-CONSTRUCTION AERIAL TAKEN IN 2004.
2. COORDINATES SHOWN ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. ELEVATIONS SHOWN ARE IN FEET, BASED ON NAVD 1988.
4. POST-CONSTRUCTION SURVEY DATE: MAY 2006.
5. CONTOURS CREATED USING AUTODESK CIVIL 3-D.

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C.O.A.: LA. #2531
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No.	Date	Description

Reference Files: BASEMAP, HILLAND.DWG

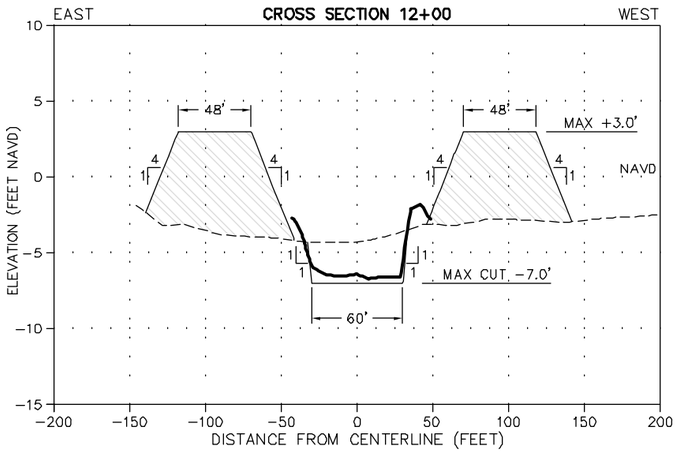
Designed by: GT
Drawn by: TDM
Date: 4/13/07
Plot Scale: AS NOTED
Checked by: AD
Reviewed by: GT
Submitted by: AW
Comm. No.: 7251.25

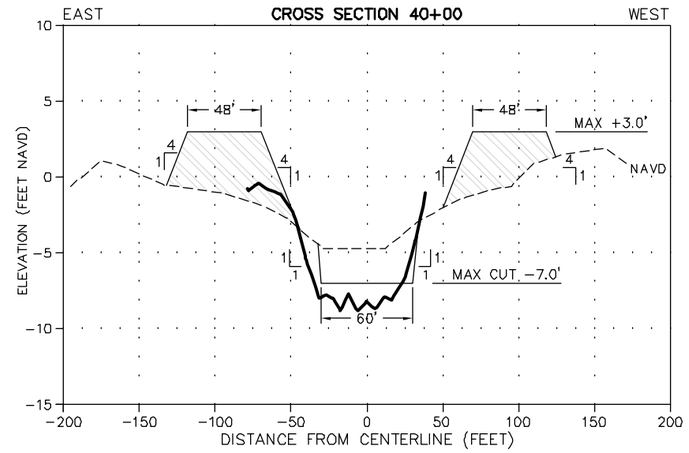
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT – AS-BUILT DRAWINGS

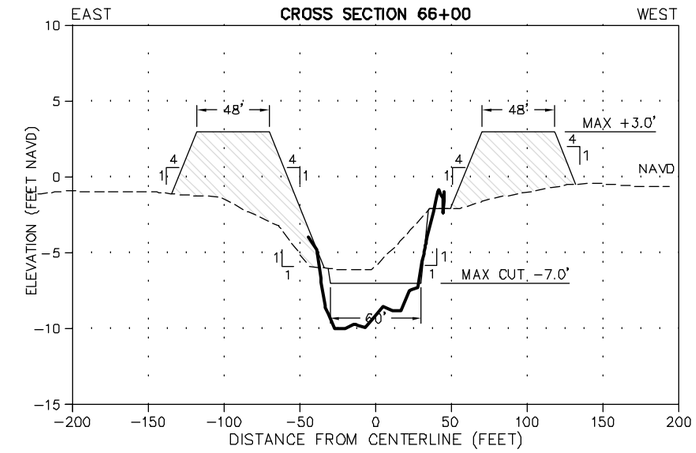
AS-BUILT
ROBINSON CANAL CONTOURS

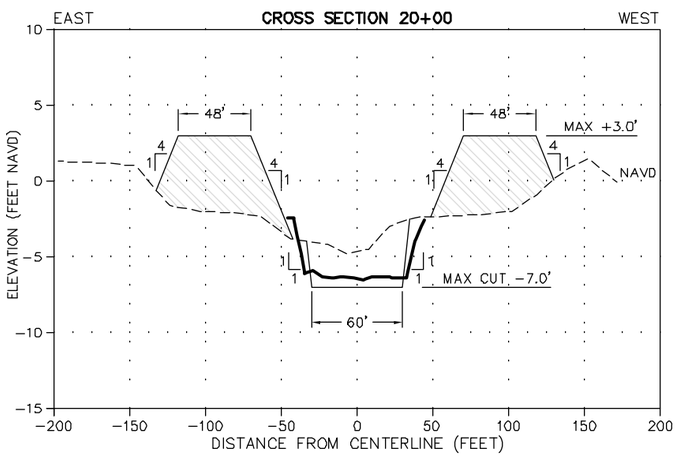
DRAWING NO.
CR-3

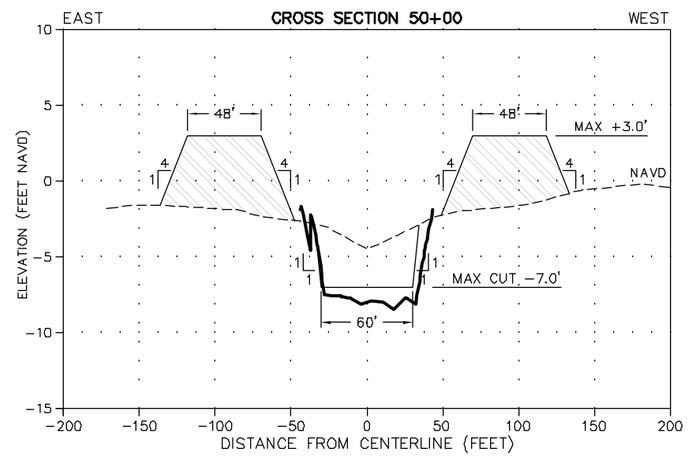
H:\Louisiana\7251.25\Post Construction\Robinson Canal As-Built.dwg - Apr 18, 2007 @ 11:26am - Tmarchant

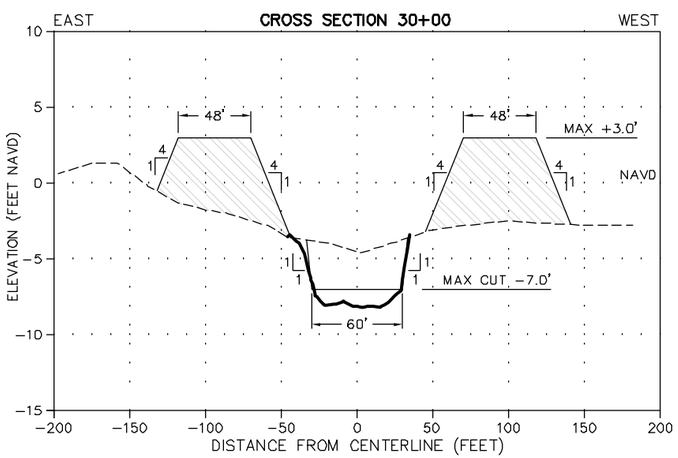


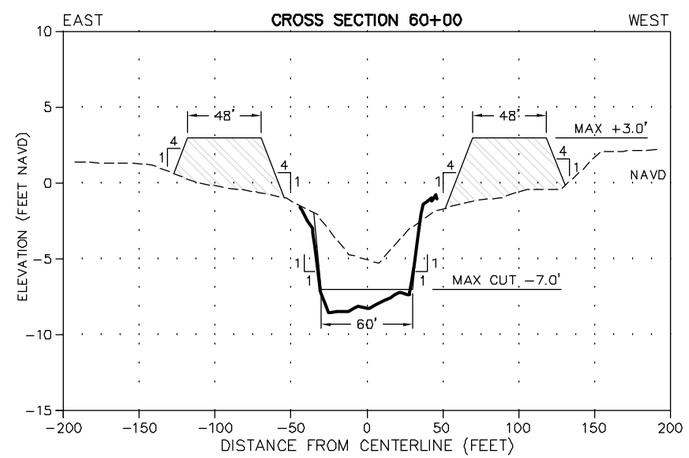












LEGEND:

- DESIGN DISPOSAL AREA
- DESIGN
- PRE-CONSTRUCTION DEC 2005
- AS-BUILT MAY 2006

NOTES:

1. ELEVATIONS SHOWN ARE IN FEET BASED ON NAVD 1988.
2. CROSS SECTIONS VIEWED LOOKING SOUTH (POSITIVE VALUES ARE WEST).

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No.	Date	Description

Designed by: GT | Checked by: AB
Drawn by: TDM | Reviewed by: GT
Date: 4/13/07 | Submitted by: AW
Plot Scale: AS NOTED | Comm. No: 7251.25
Reference Files: CHALANDXSBASEline.dwg

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT - AS-BUILT DRAWINGS

AS-BUILT
ROBINSON CANAL CROSS SECTIONS

DRAWING NO.

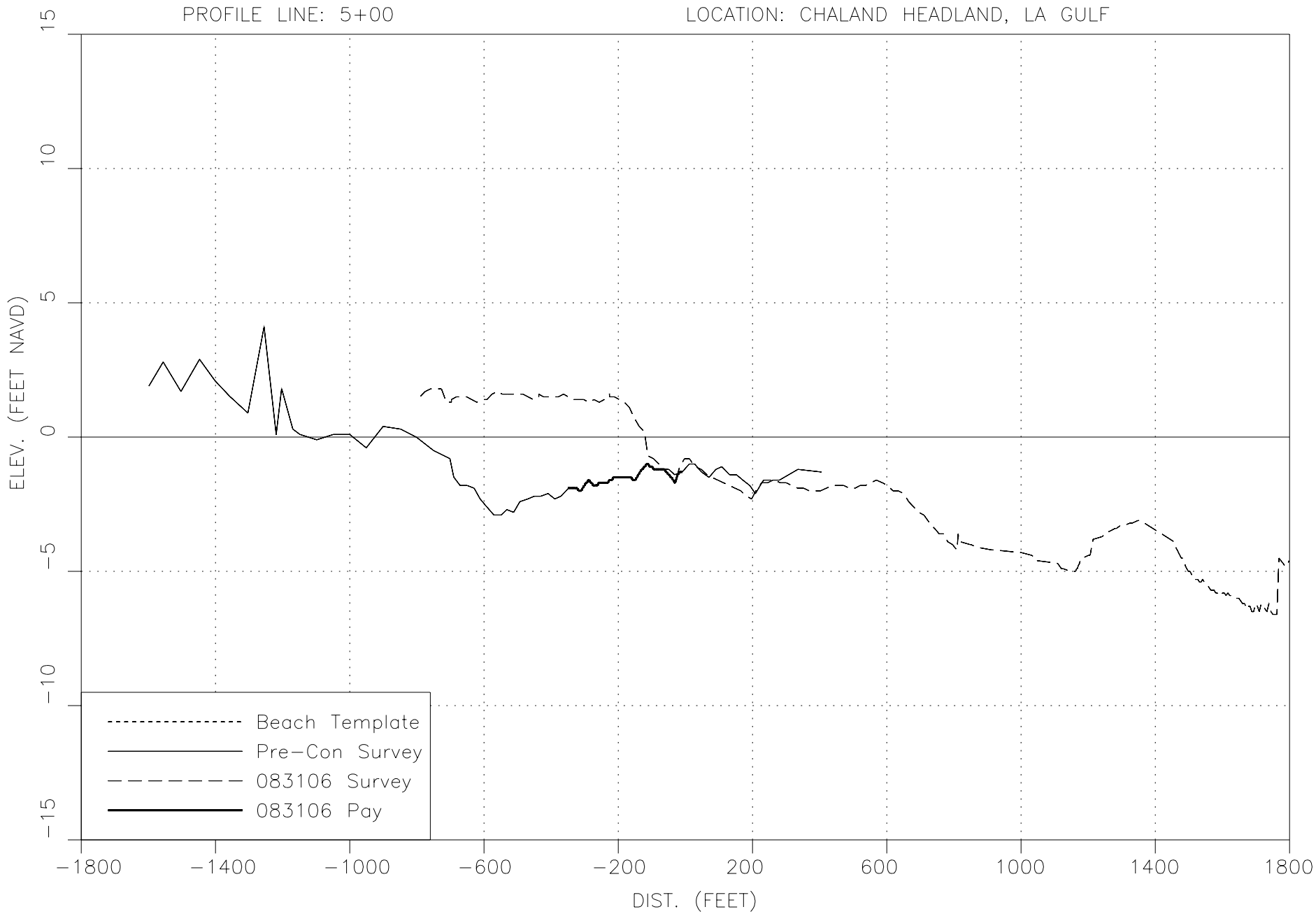
PR-1

H:\Louisiana 7251\25 Post Construction CHALAND_ASBUILT_ROBINSON_CANAL_X-SECTIONS.dwg - Apr 18, 2007 @ 11:22am - Timeshort

APPENDIX A

AS-BUILT DRAWINGS AND SURVEY DATA

BEACH PROFILES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1400
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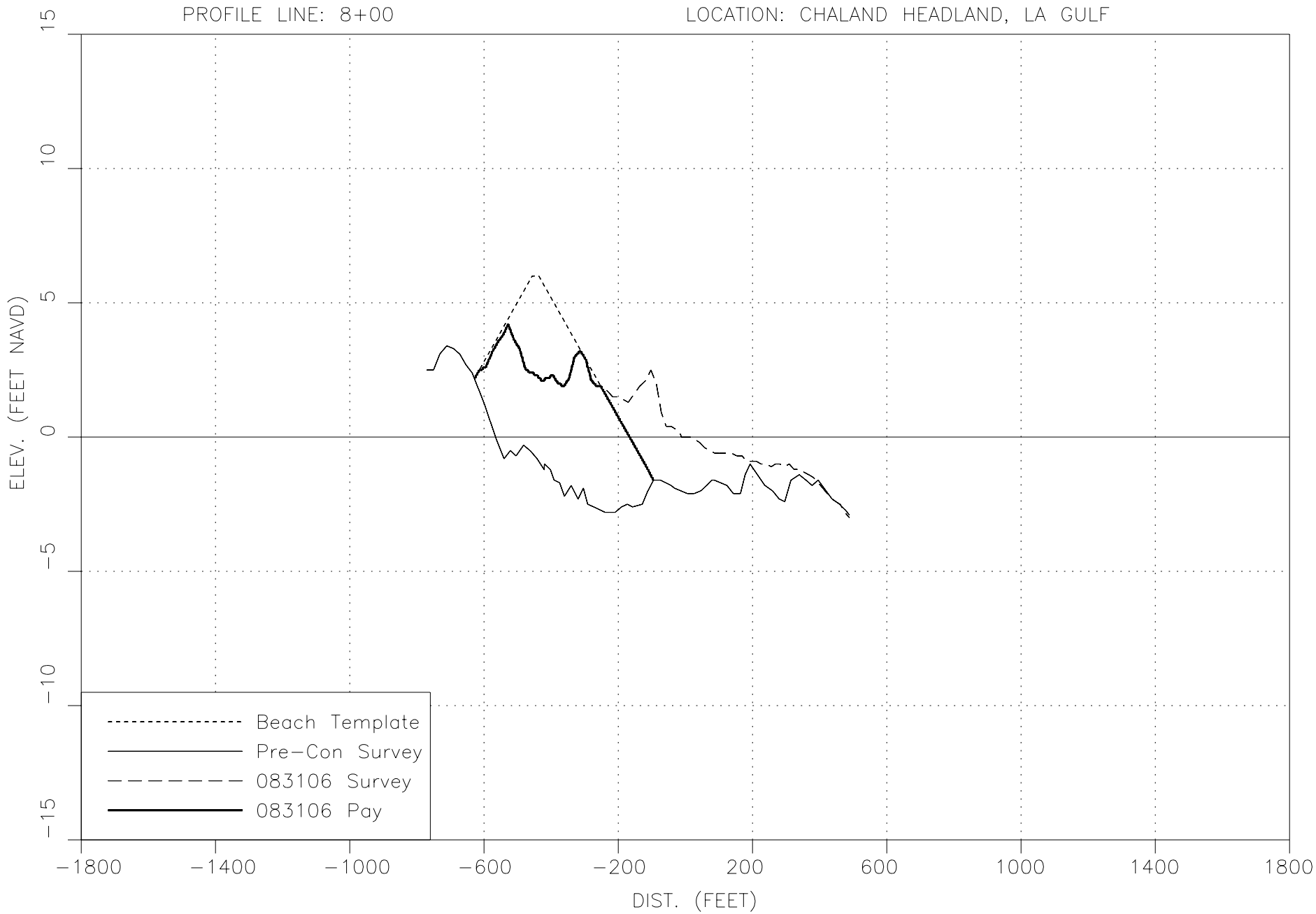
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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DIST. (FEET)
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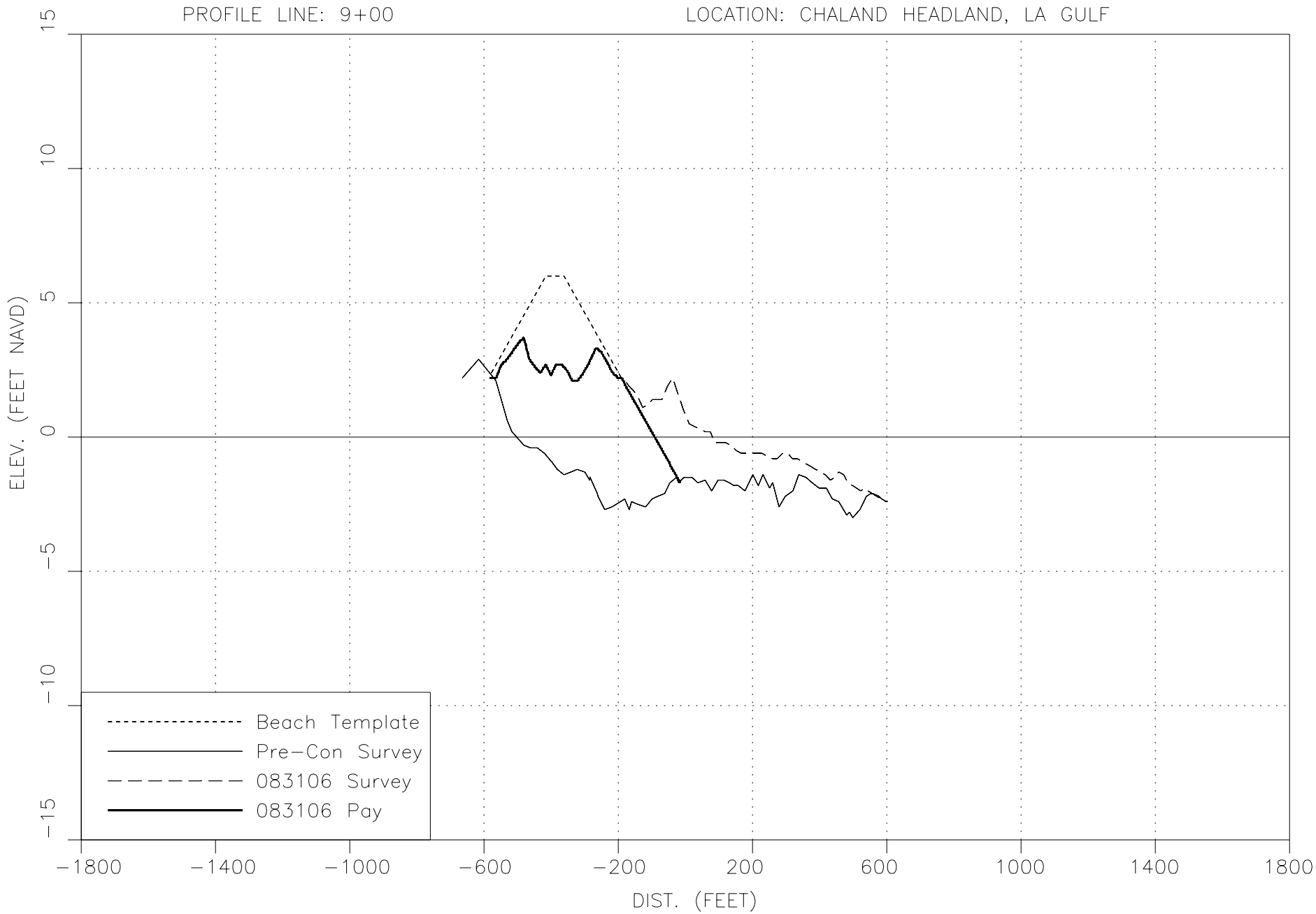
083106 Pay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ELEV. (FEET NAVD)
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Pre−Con Survey
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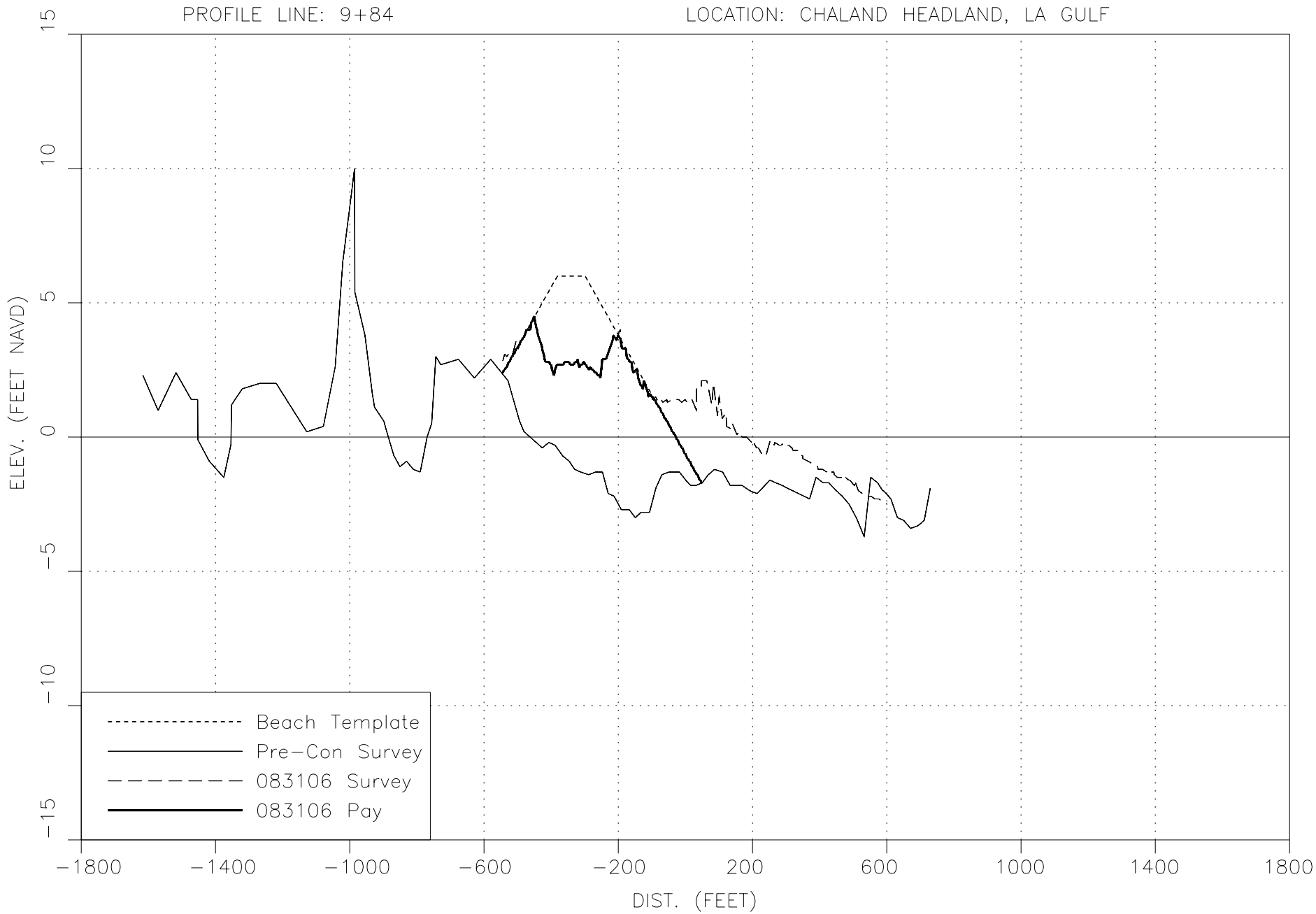
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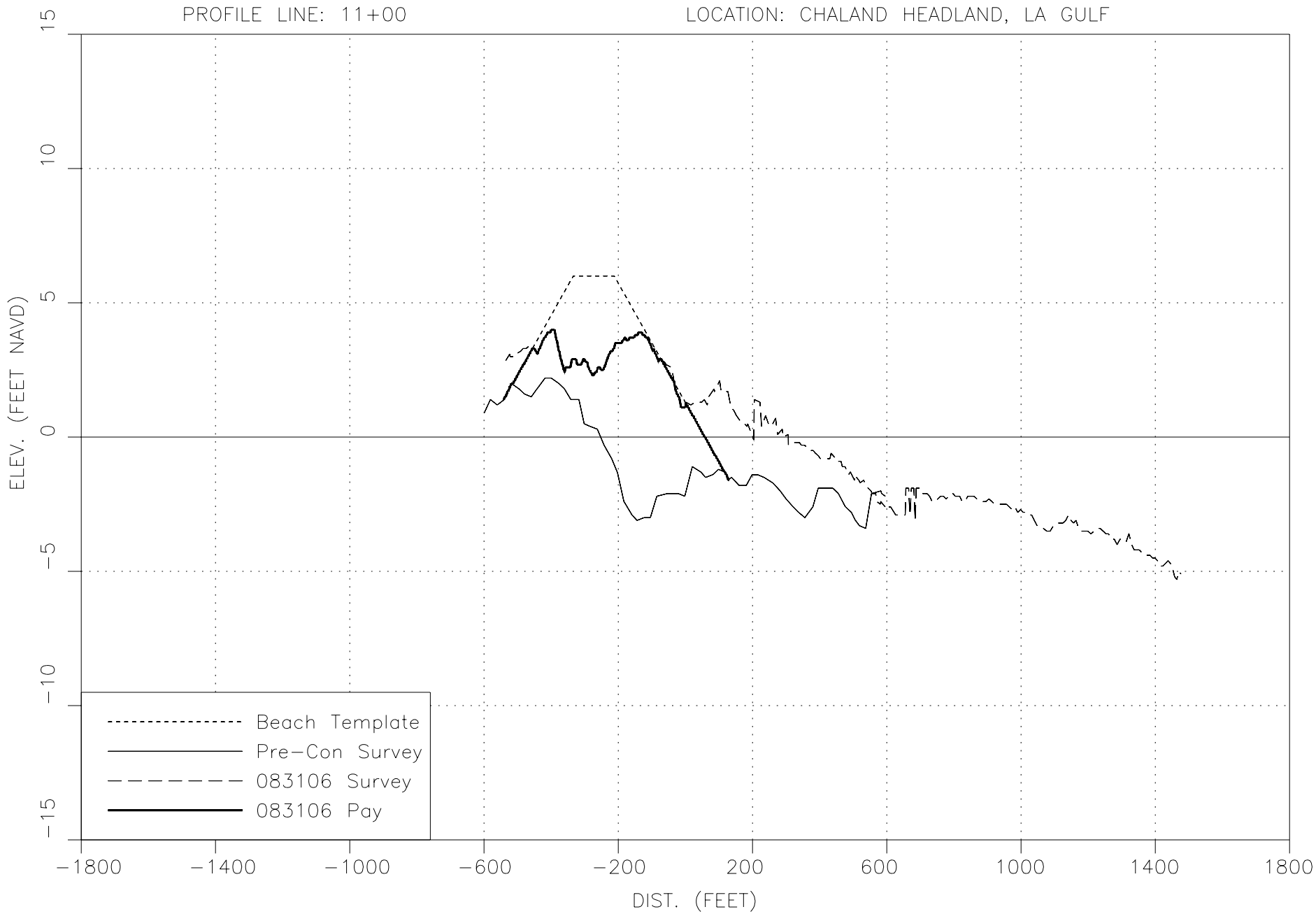
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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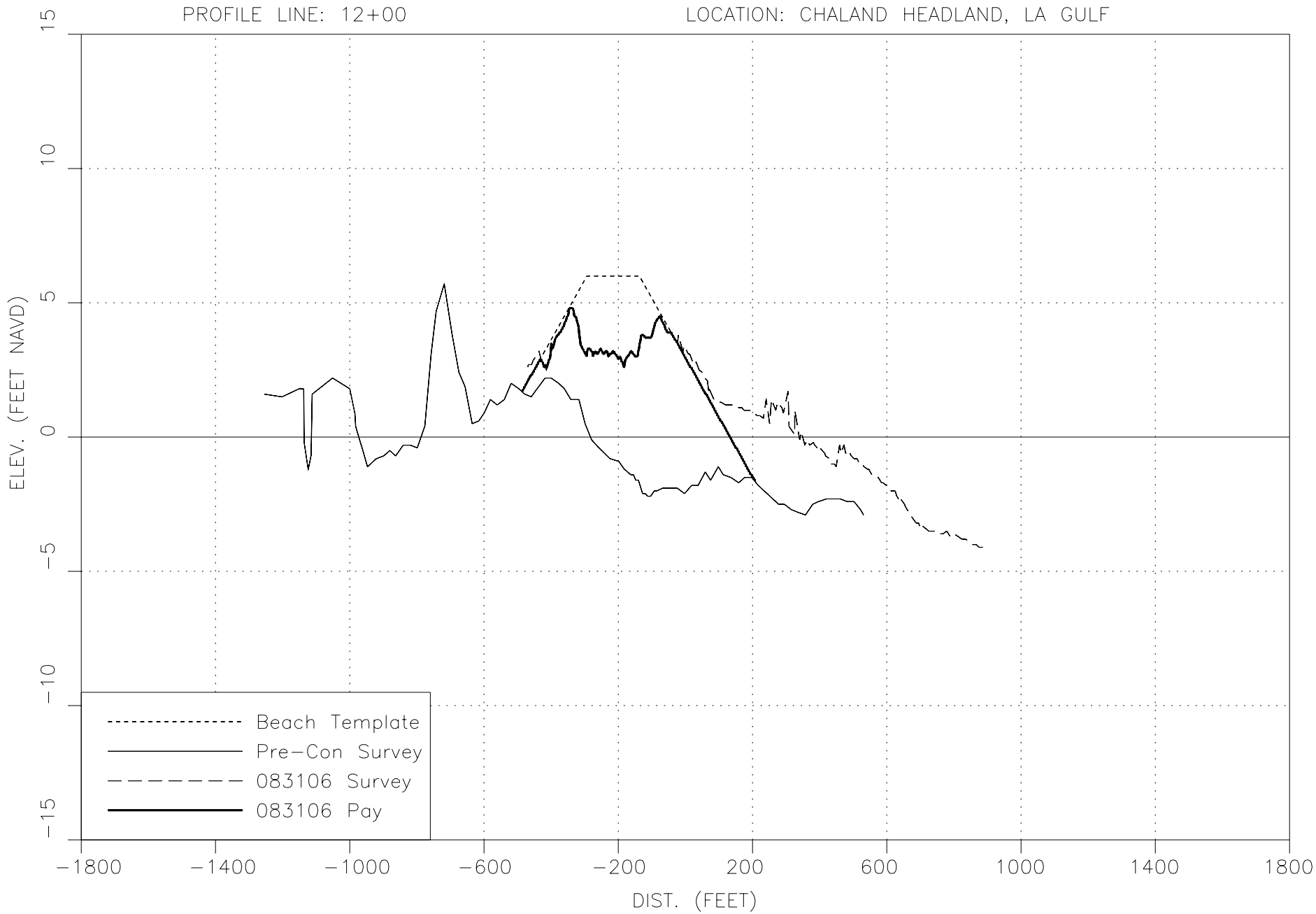
1400
1800
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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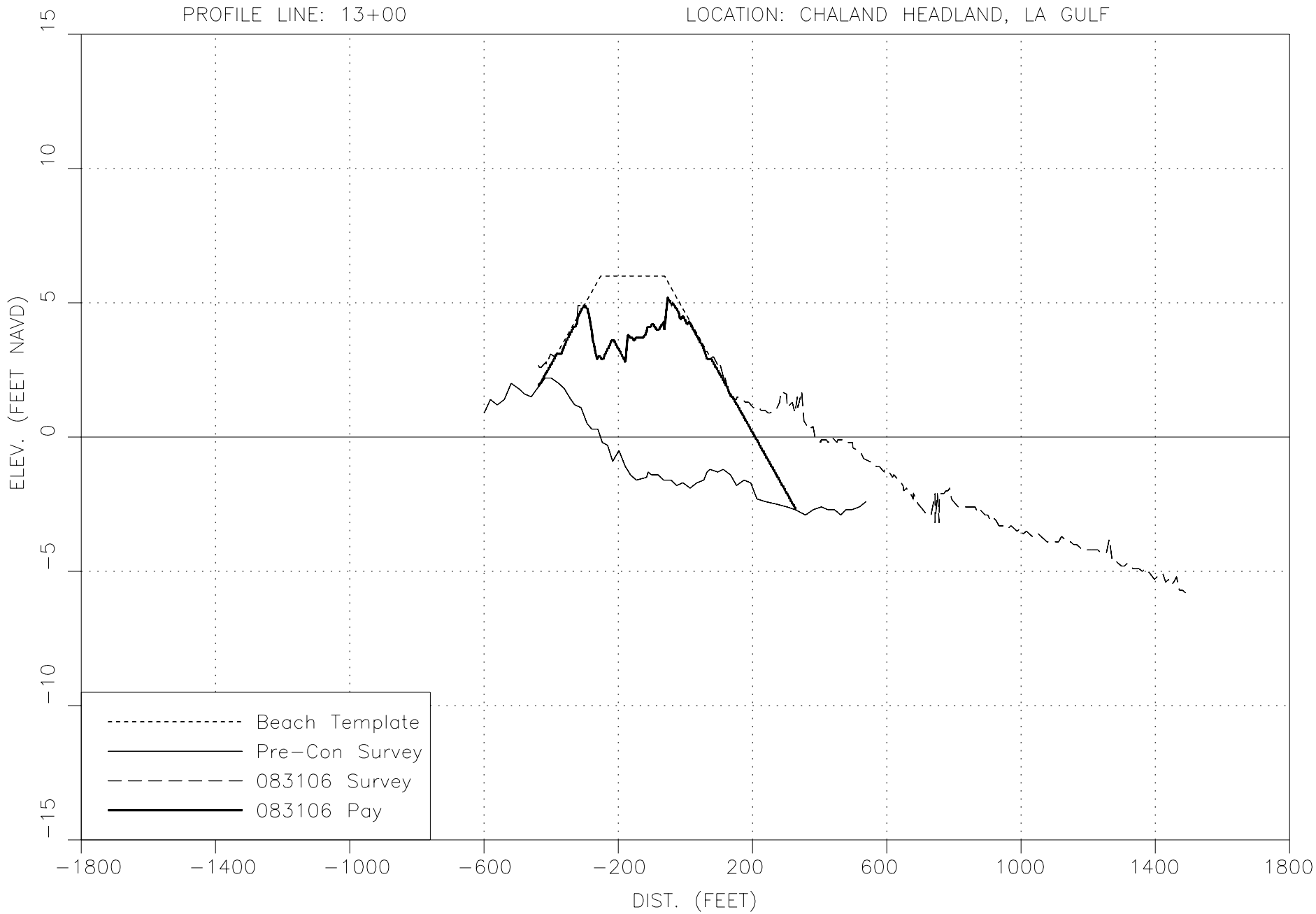
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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Beach Template
Pre−Con Survey
083106 Survey
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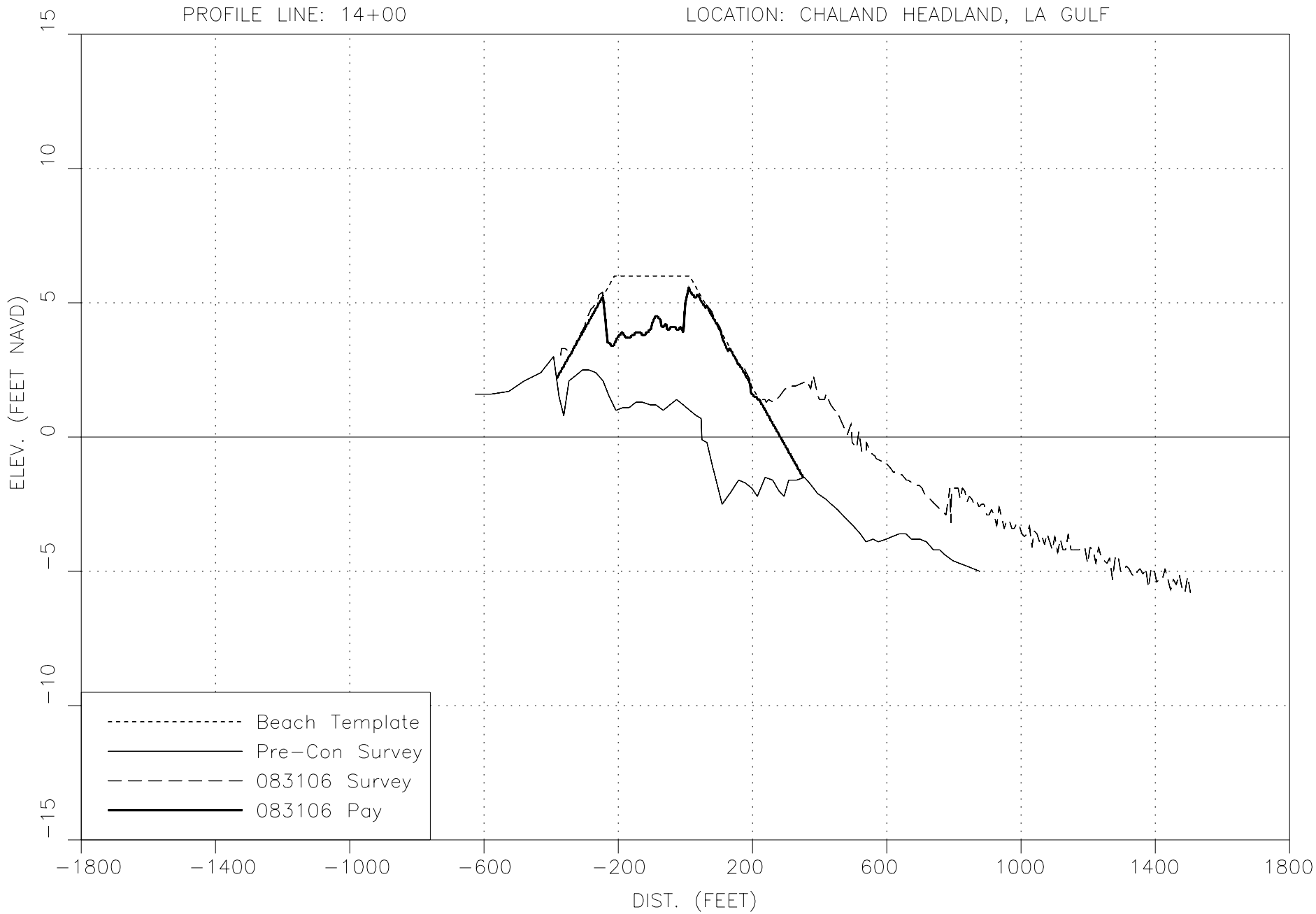
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ELEV. (FEET NAVD)
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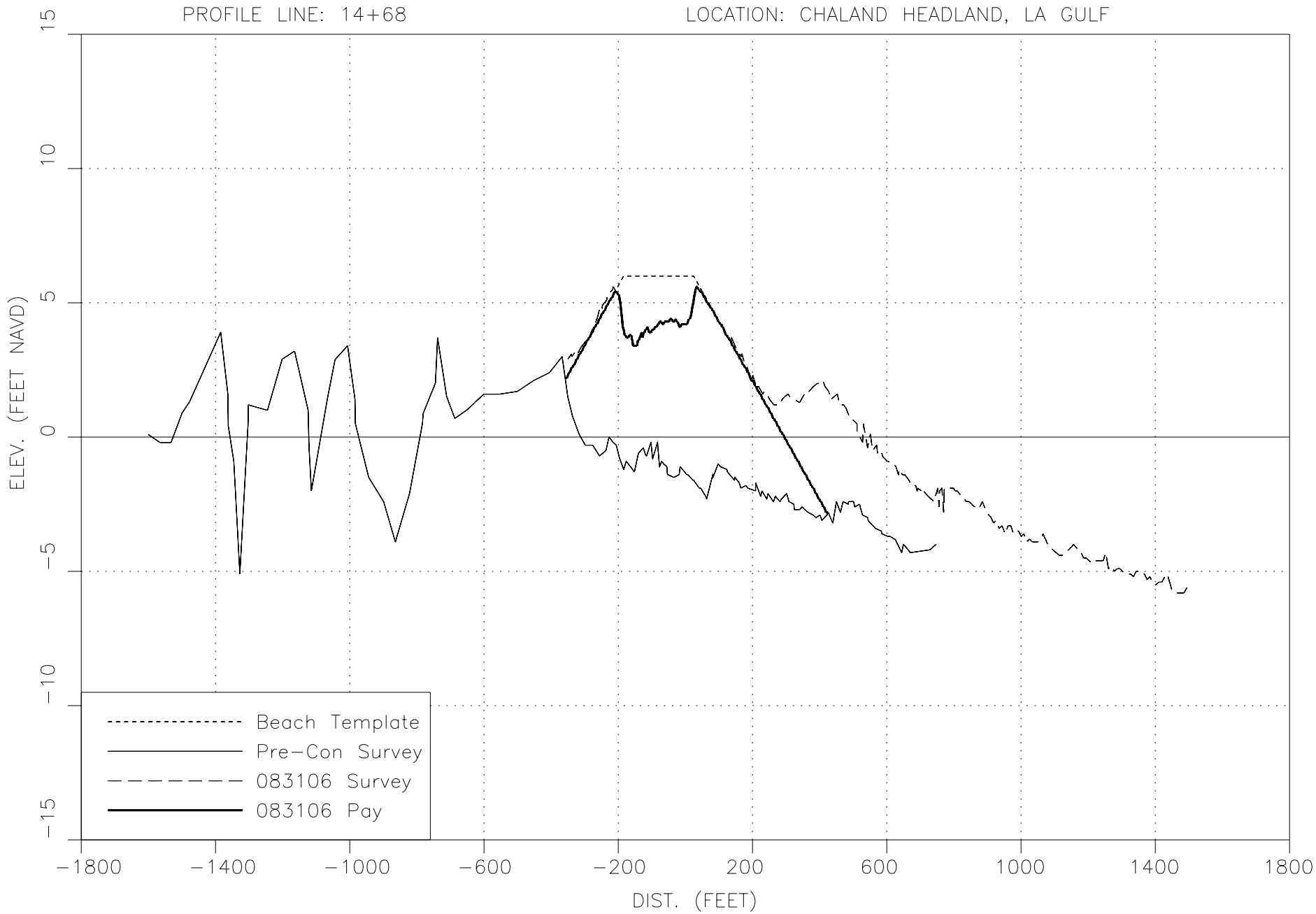
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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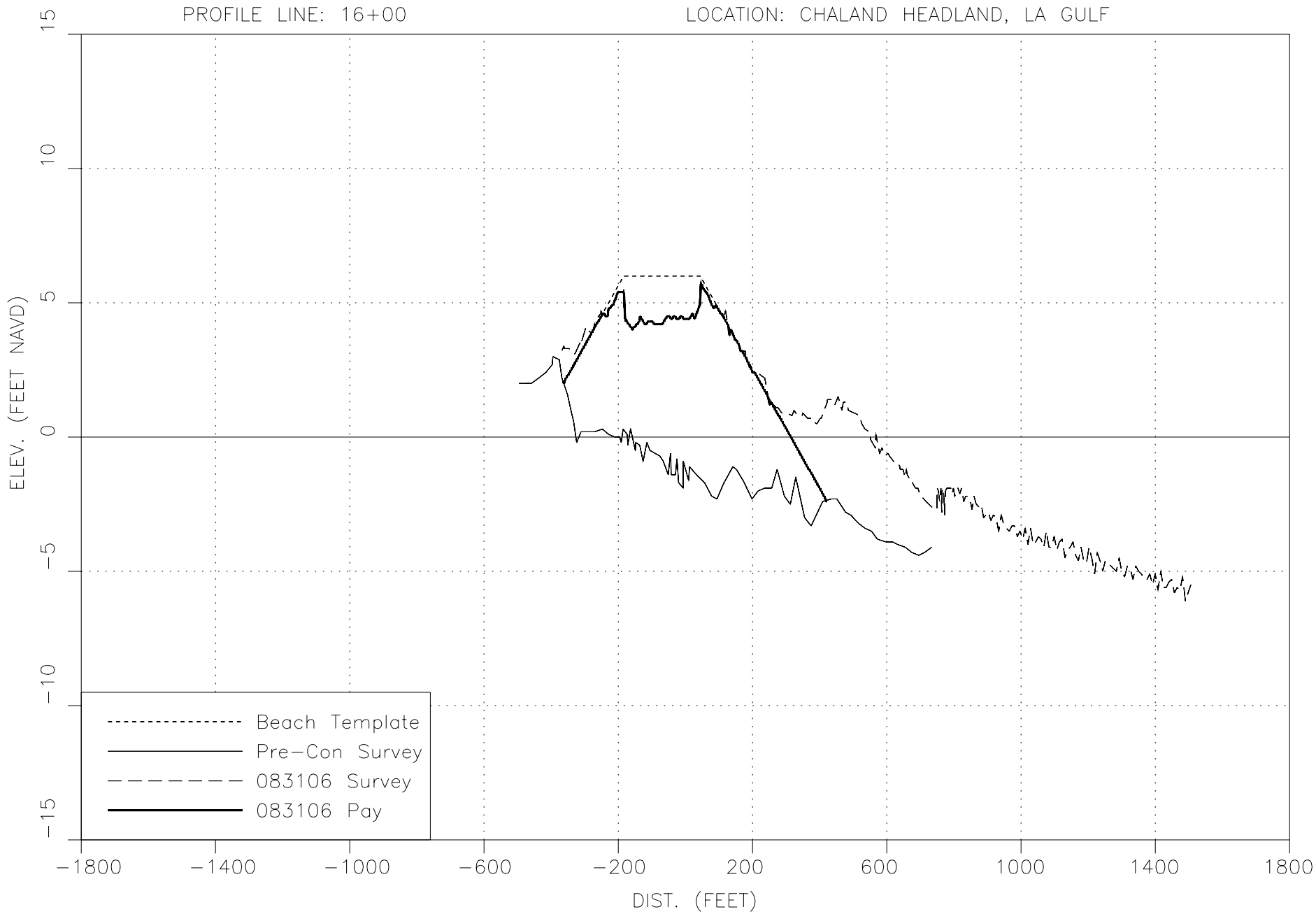
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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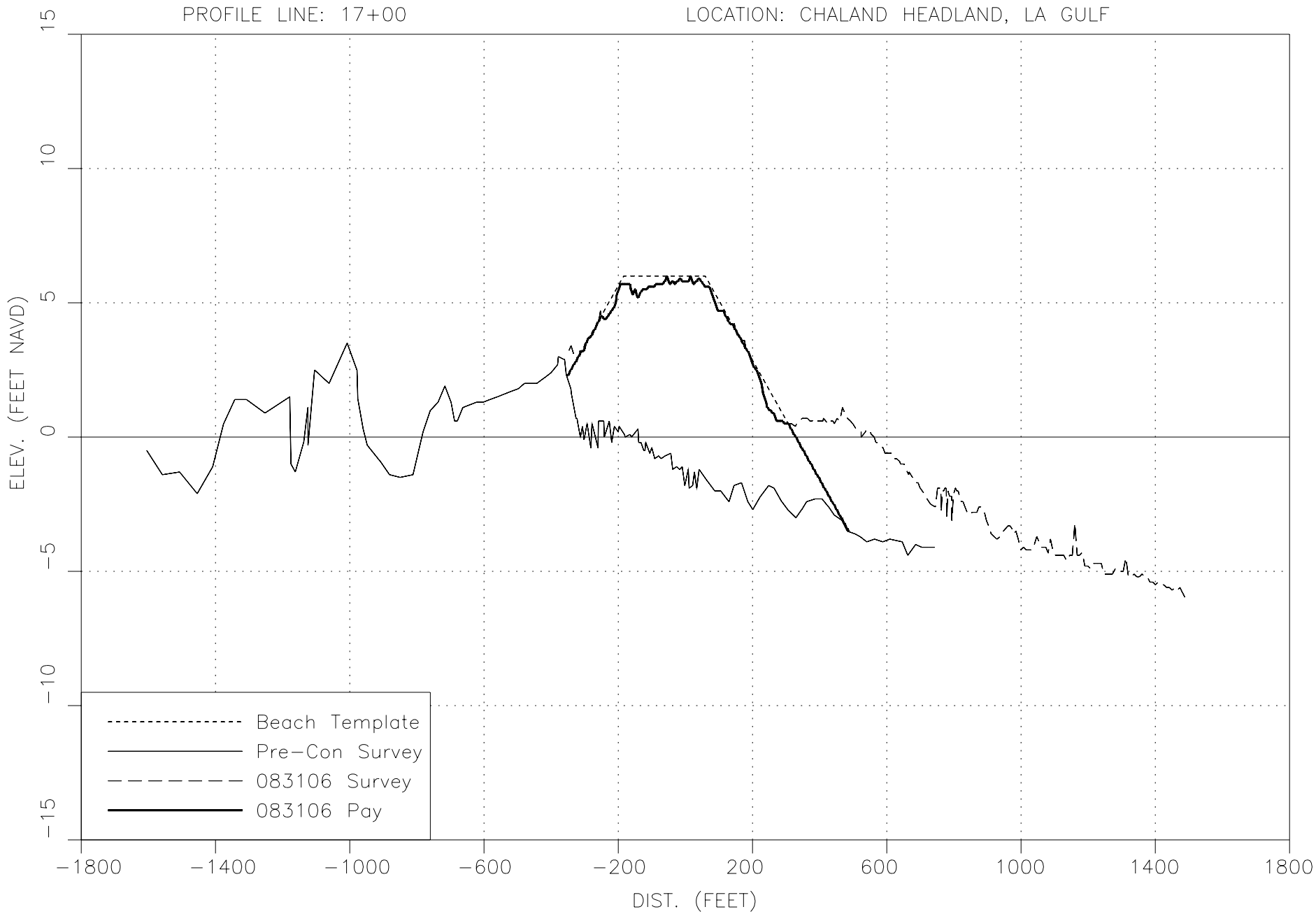
1400
1800
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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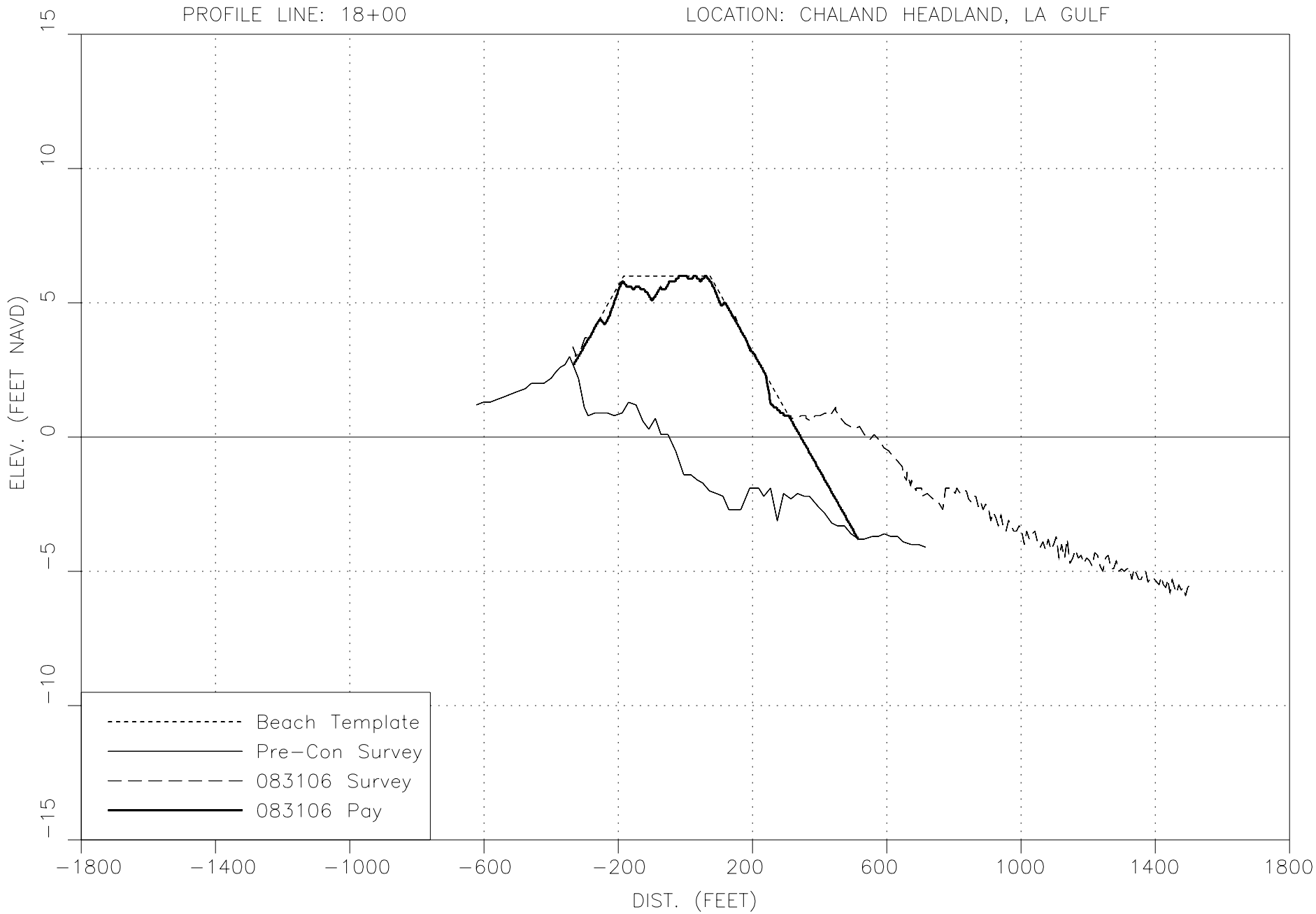
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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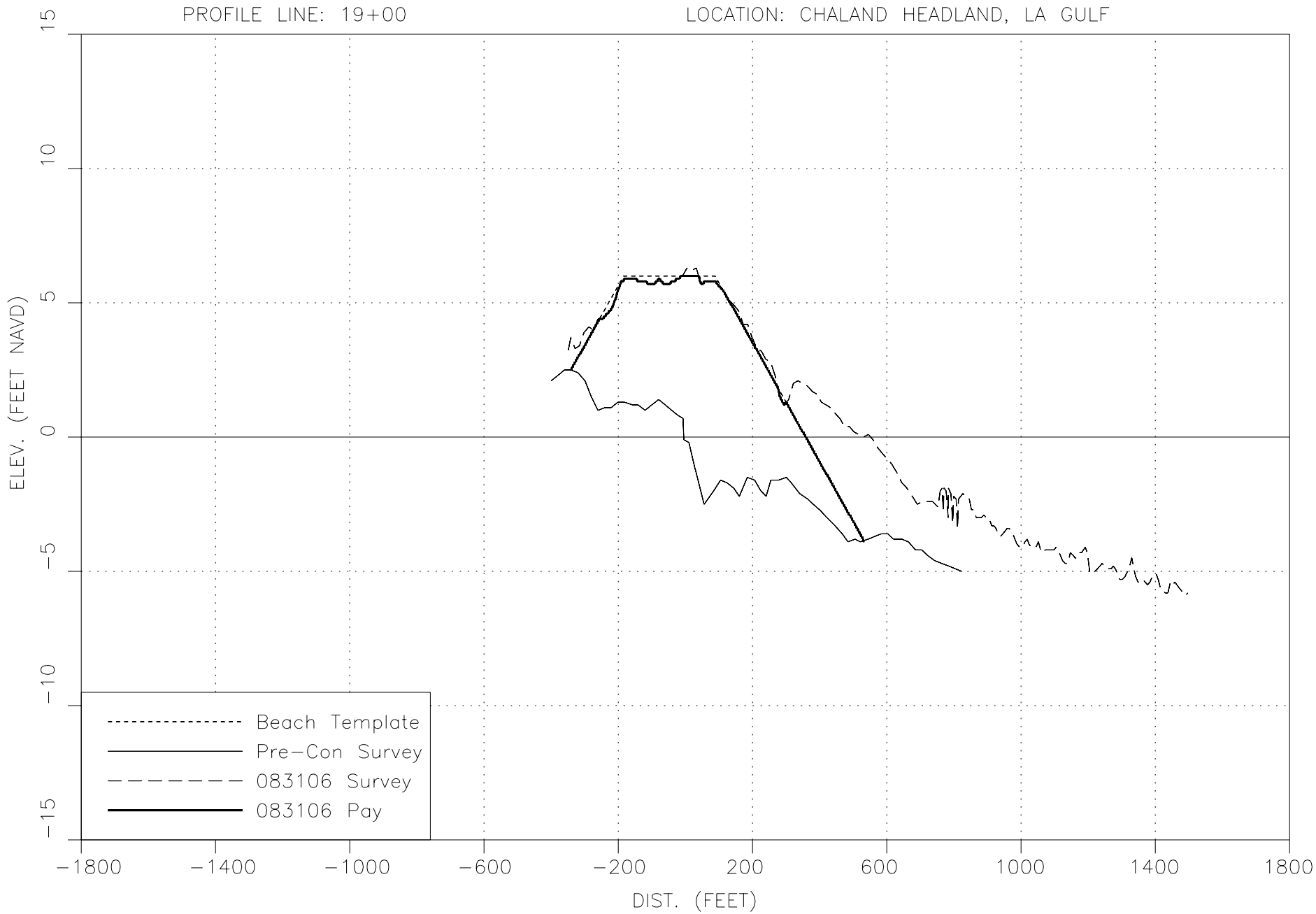
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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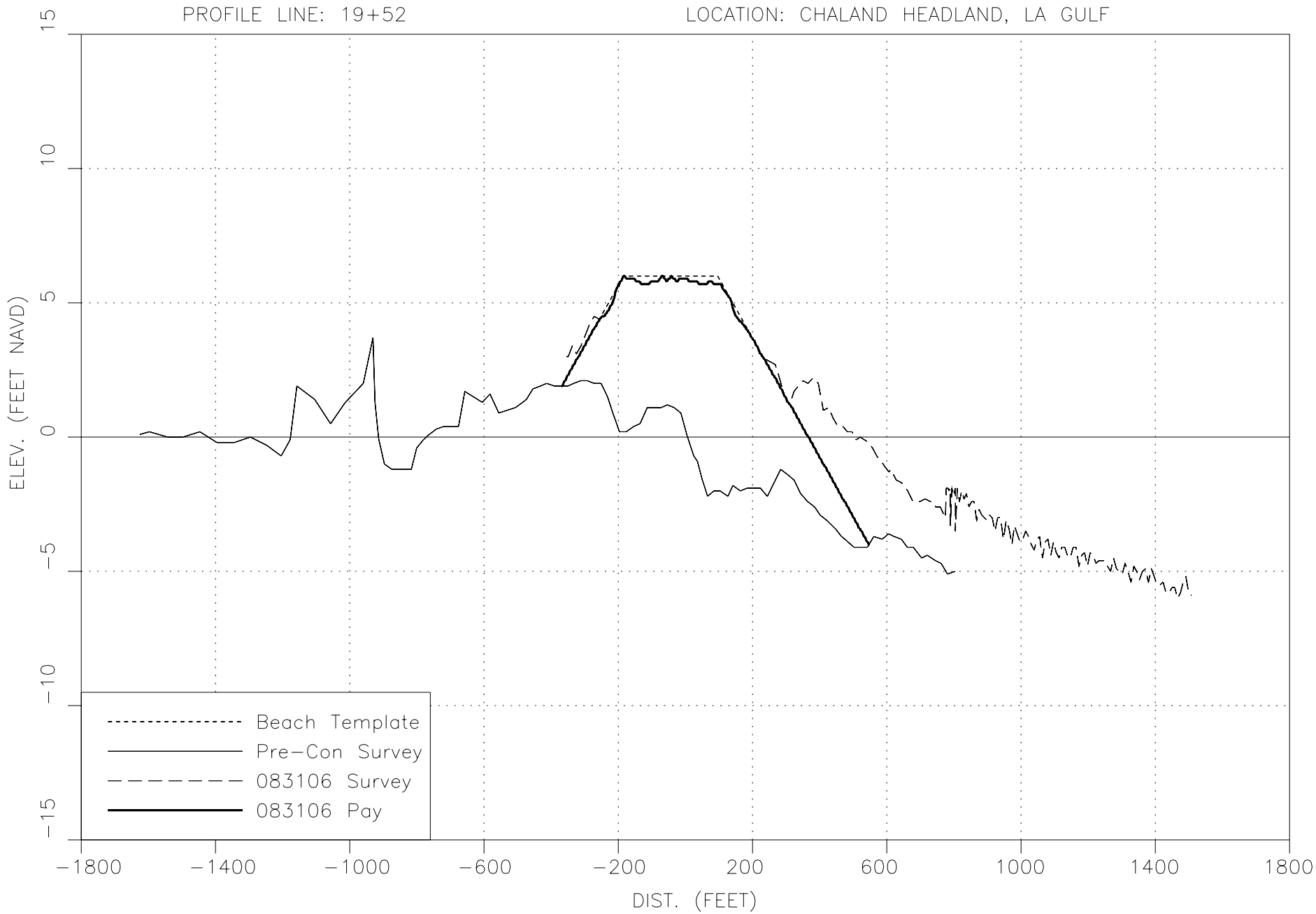
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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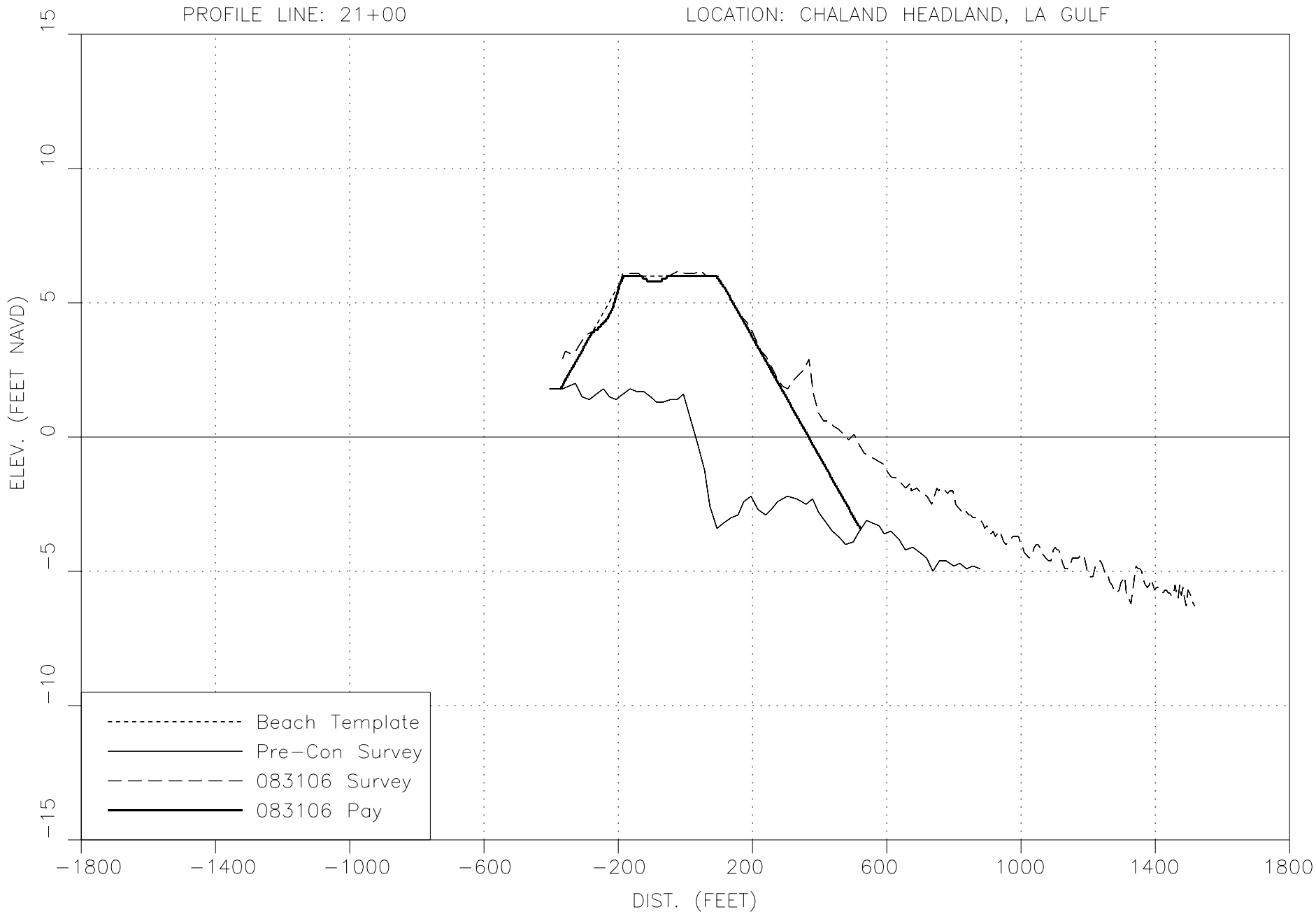
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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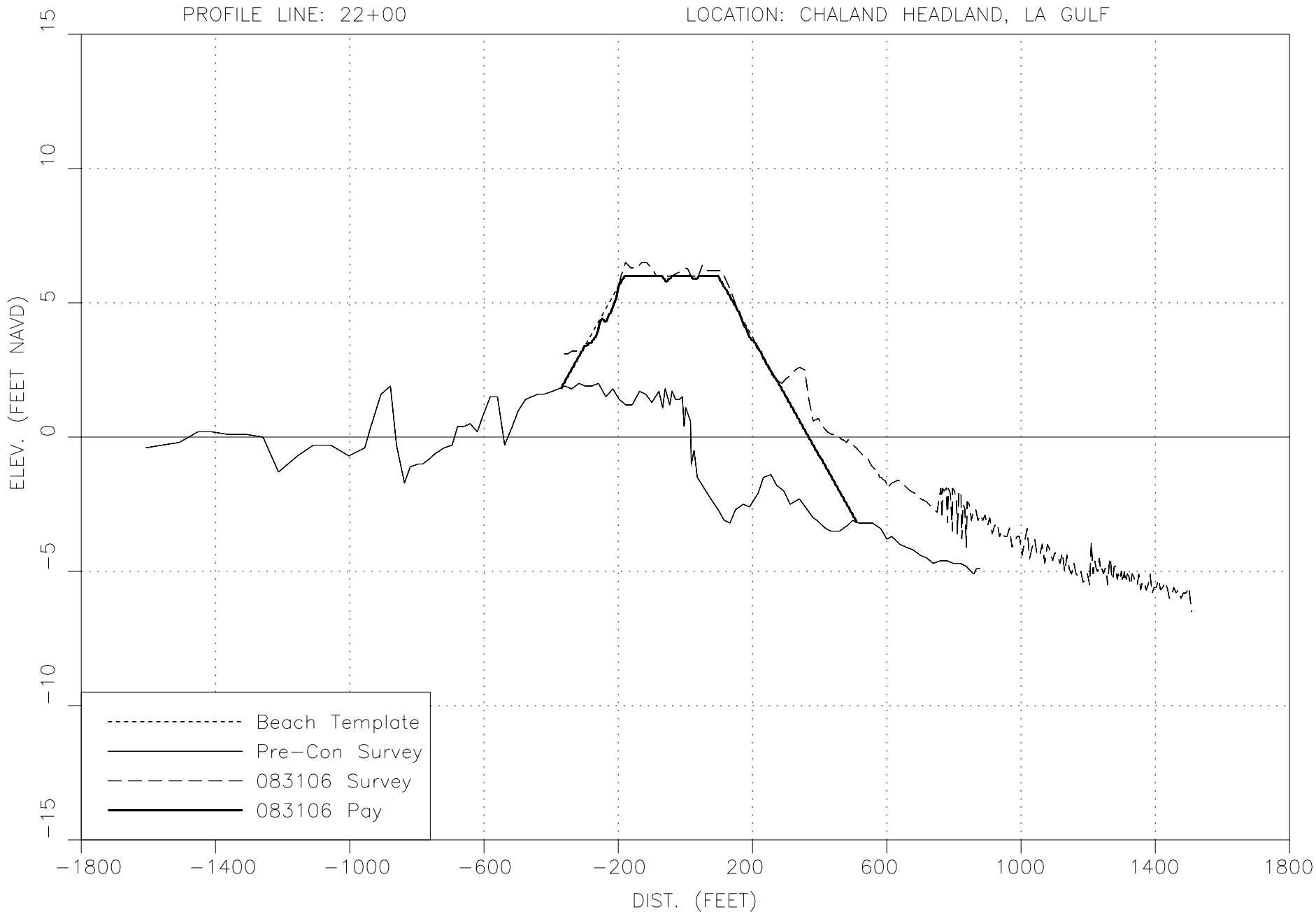
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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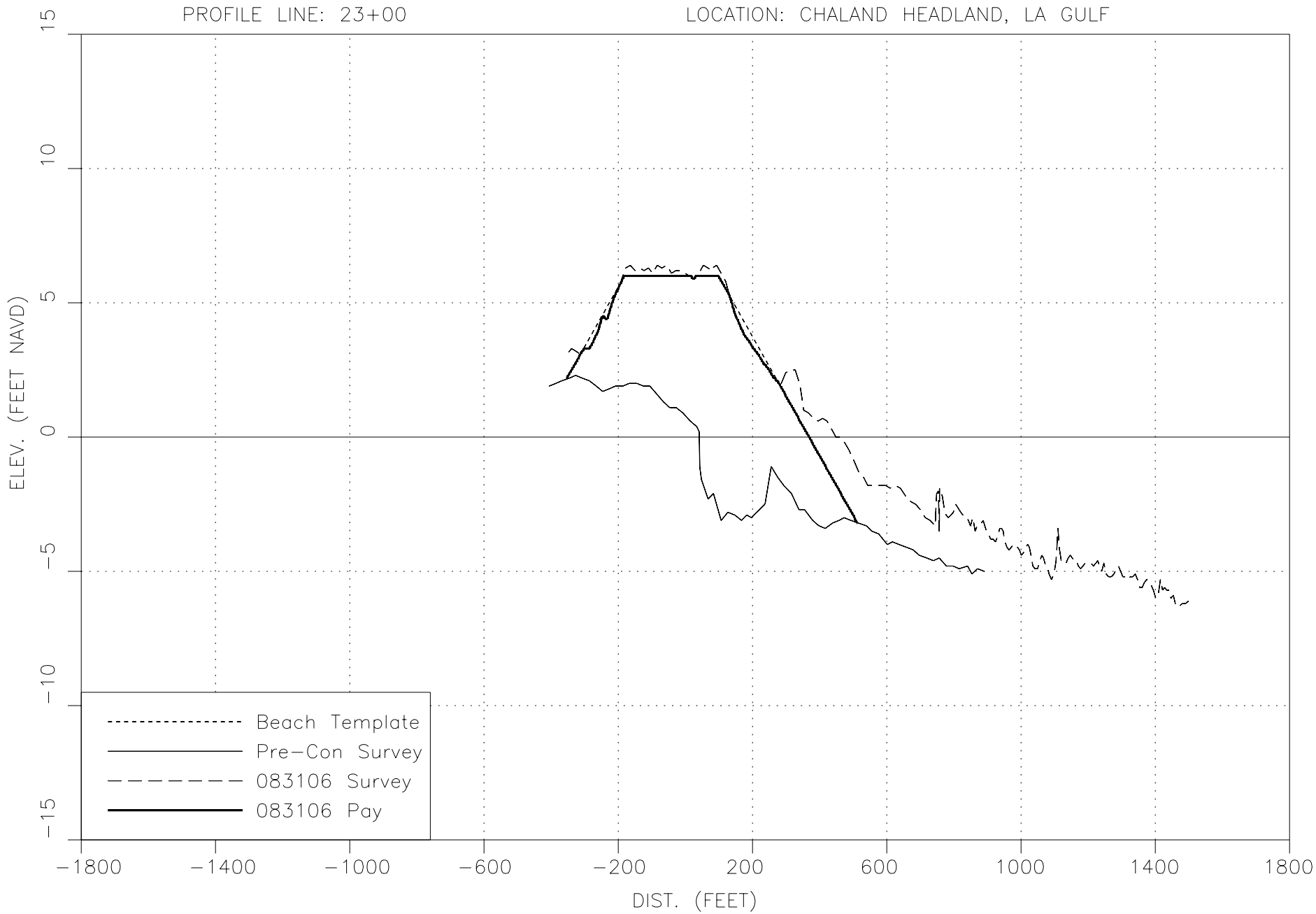
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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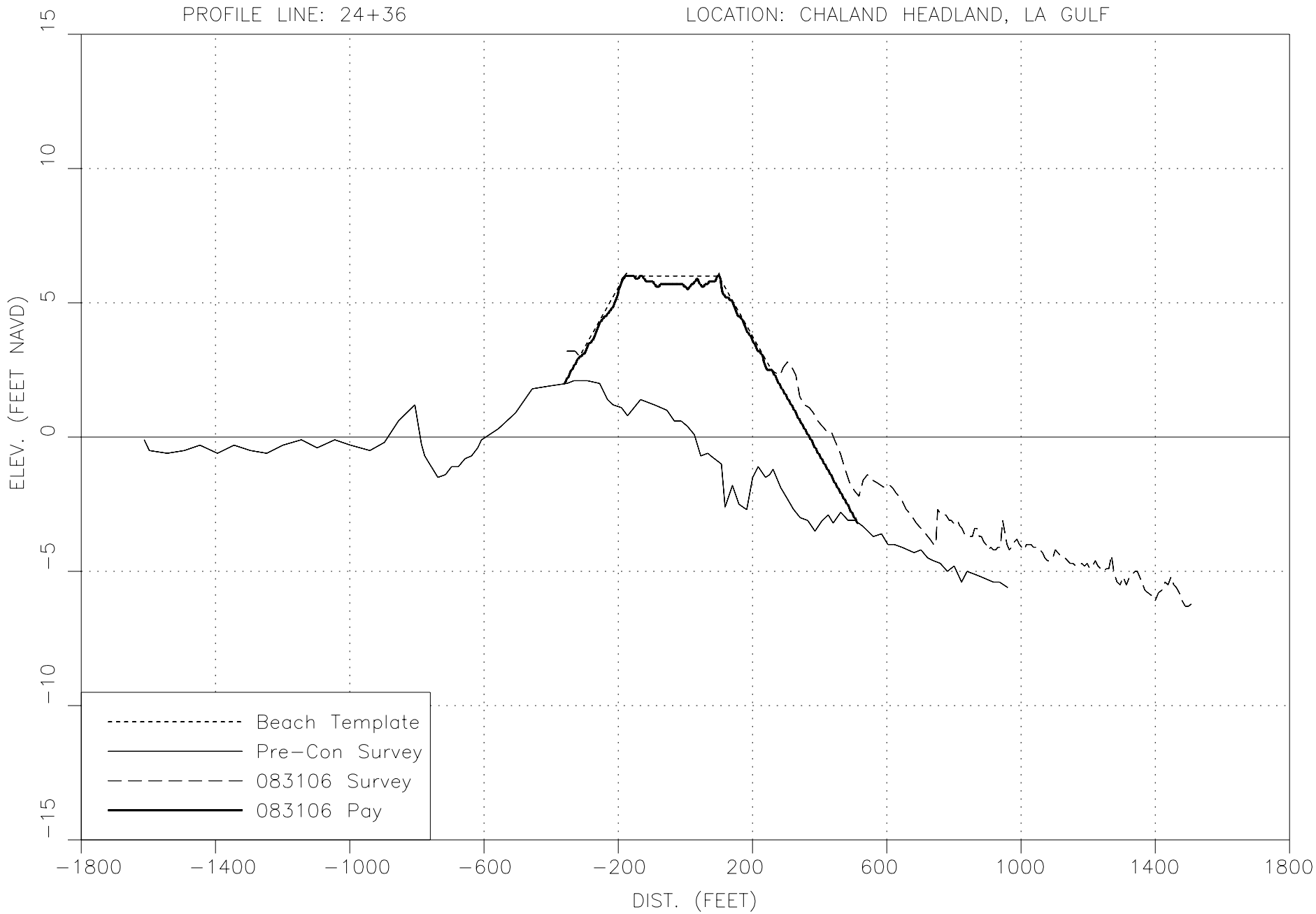
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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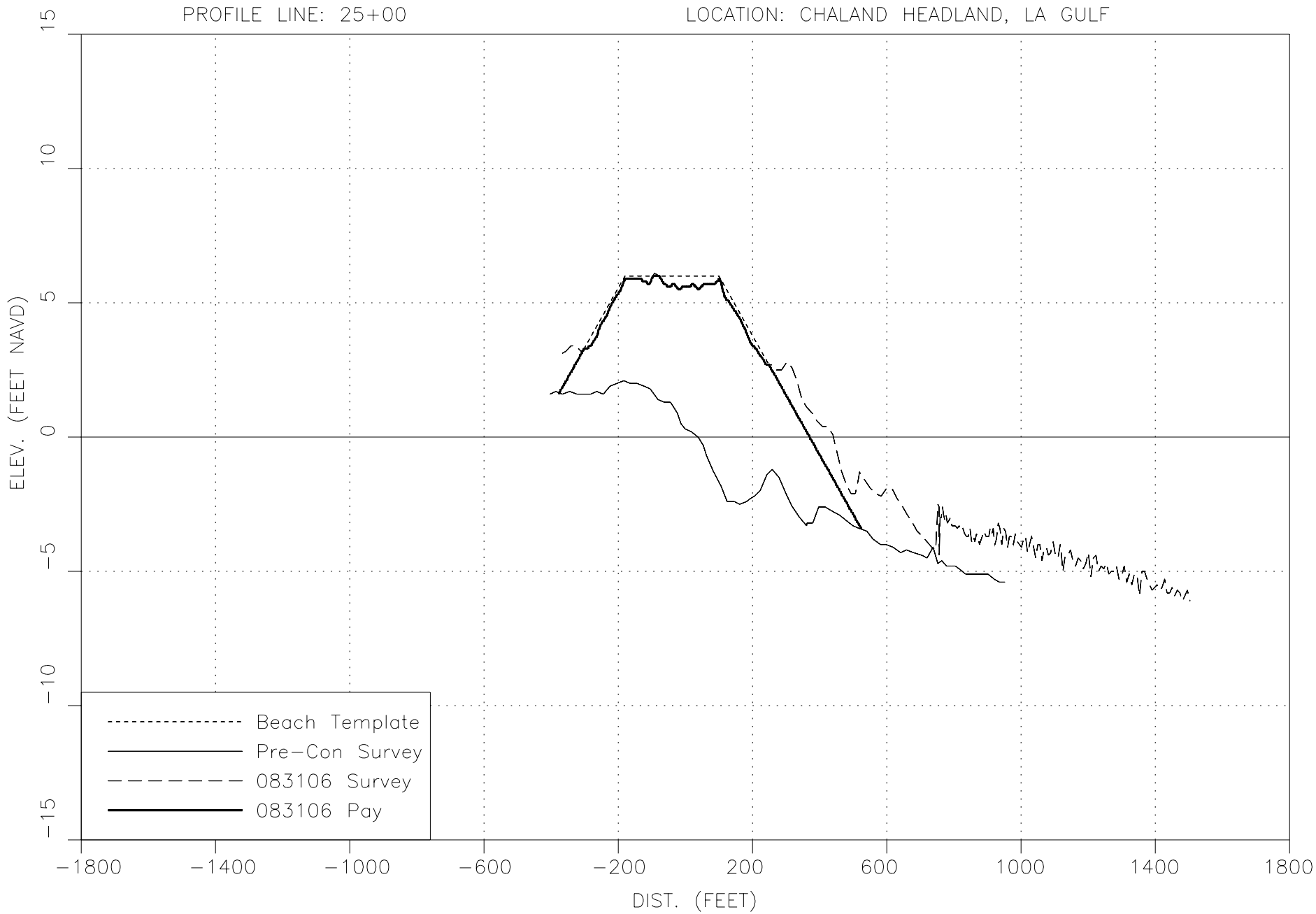
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 25+00
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ELEV. (FEET NAVD)
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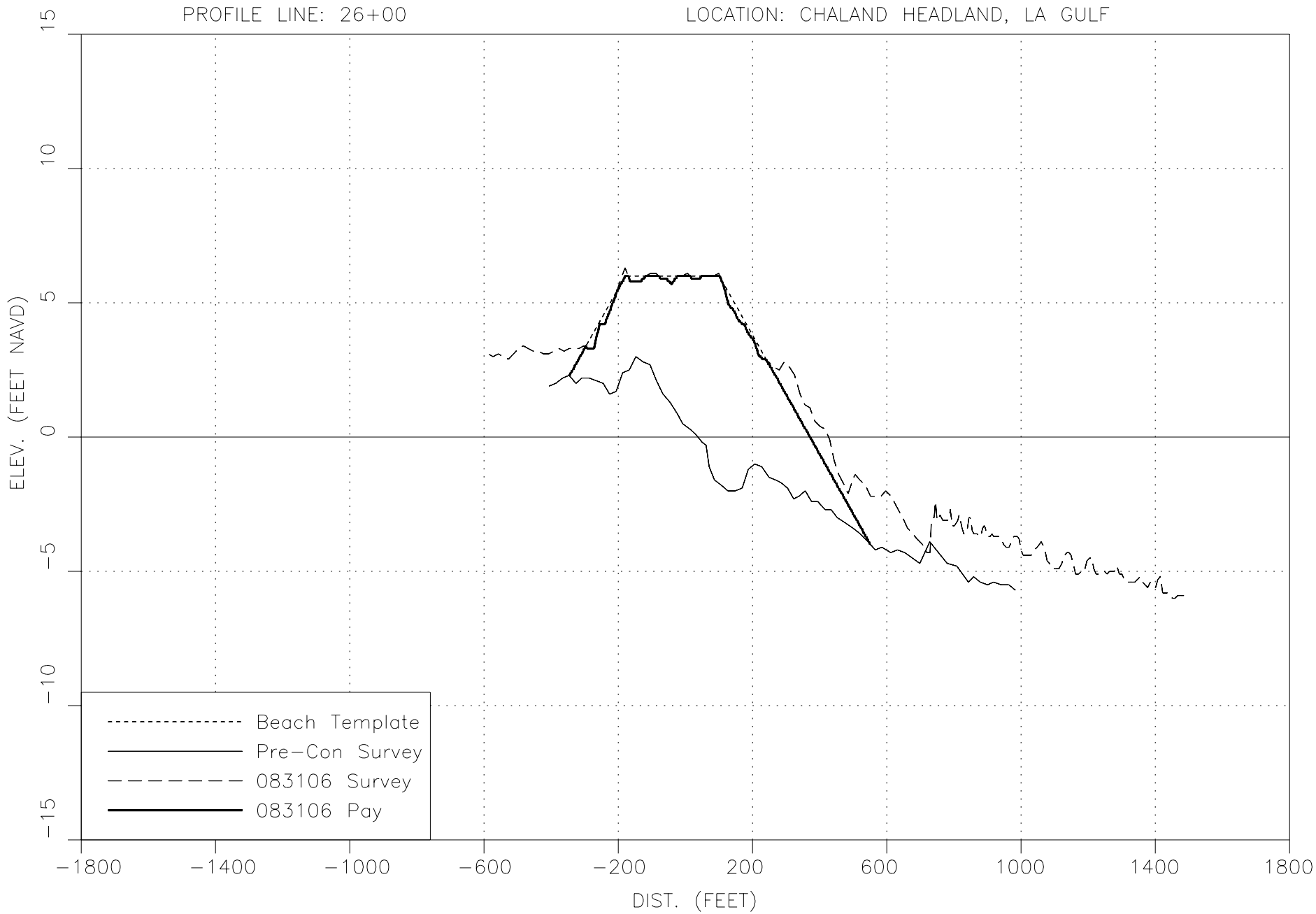
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 26+00
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ELEV. (FEET NAVD)
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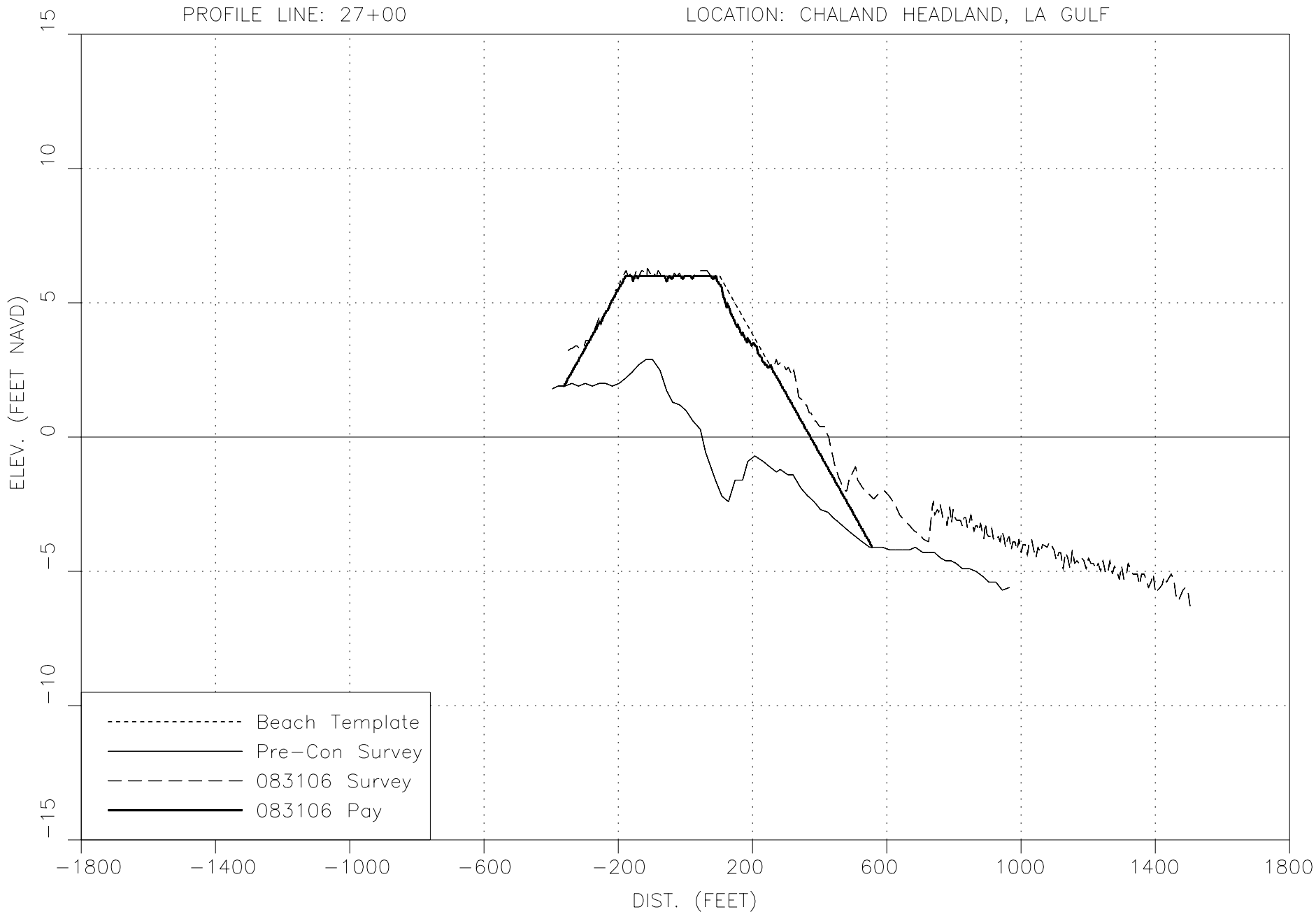
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 27+00
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ELEV. (FEET NAVD)
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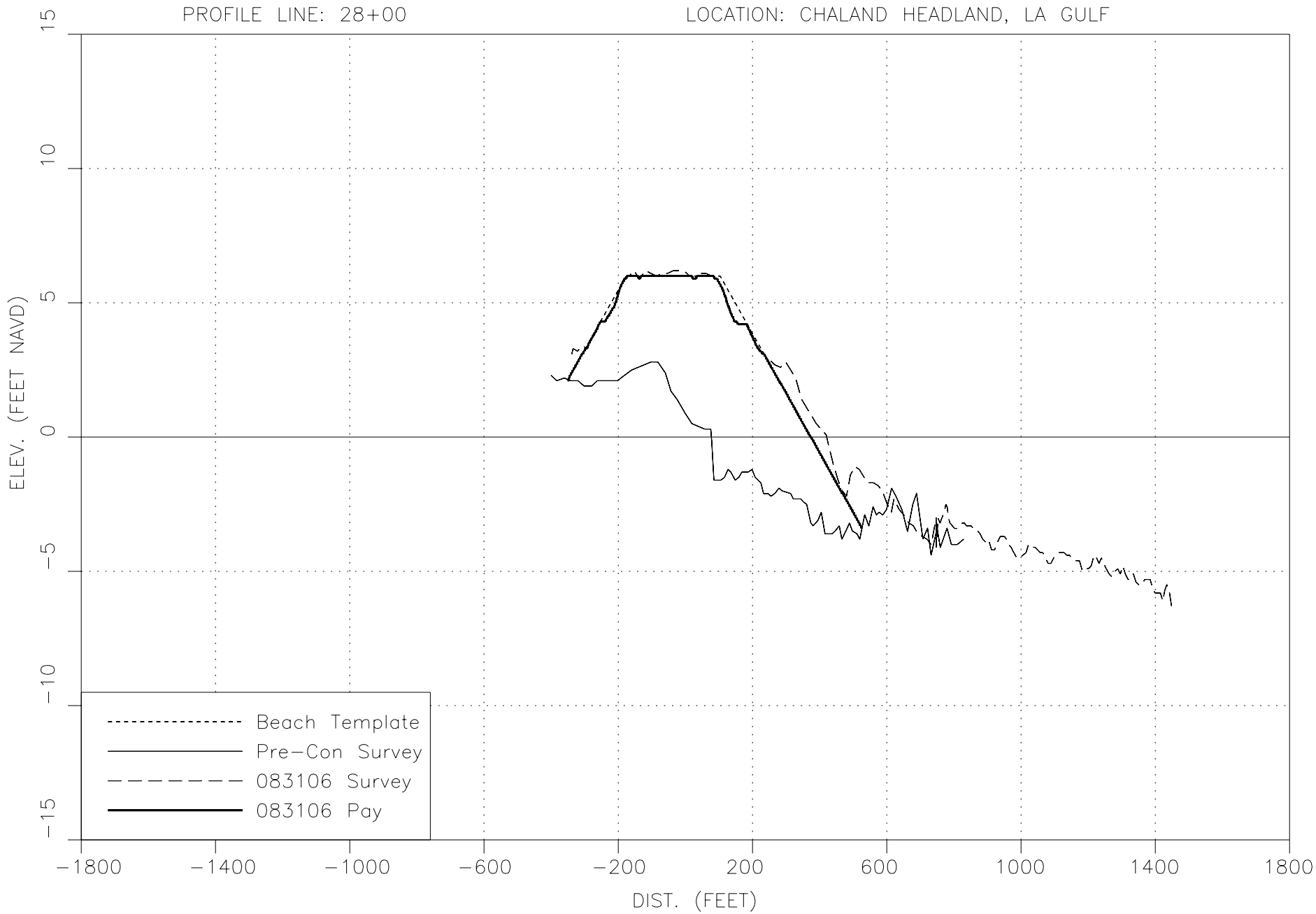
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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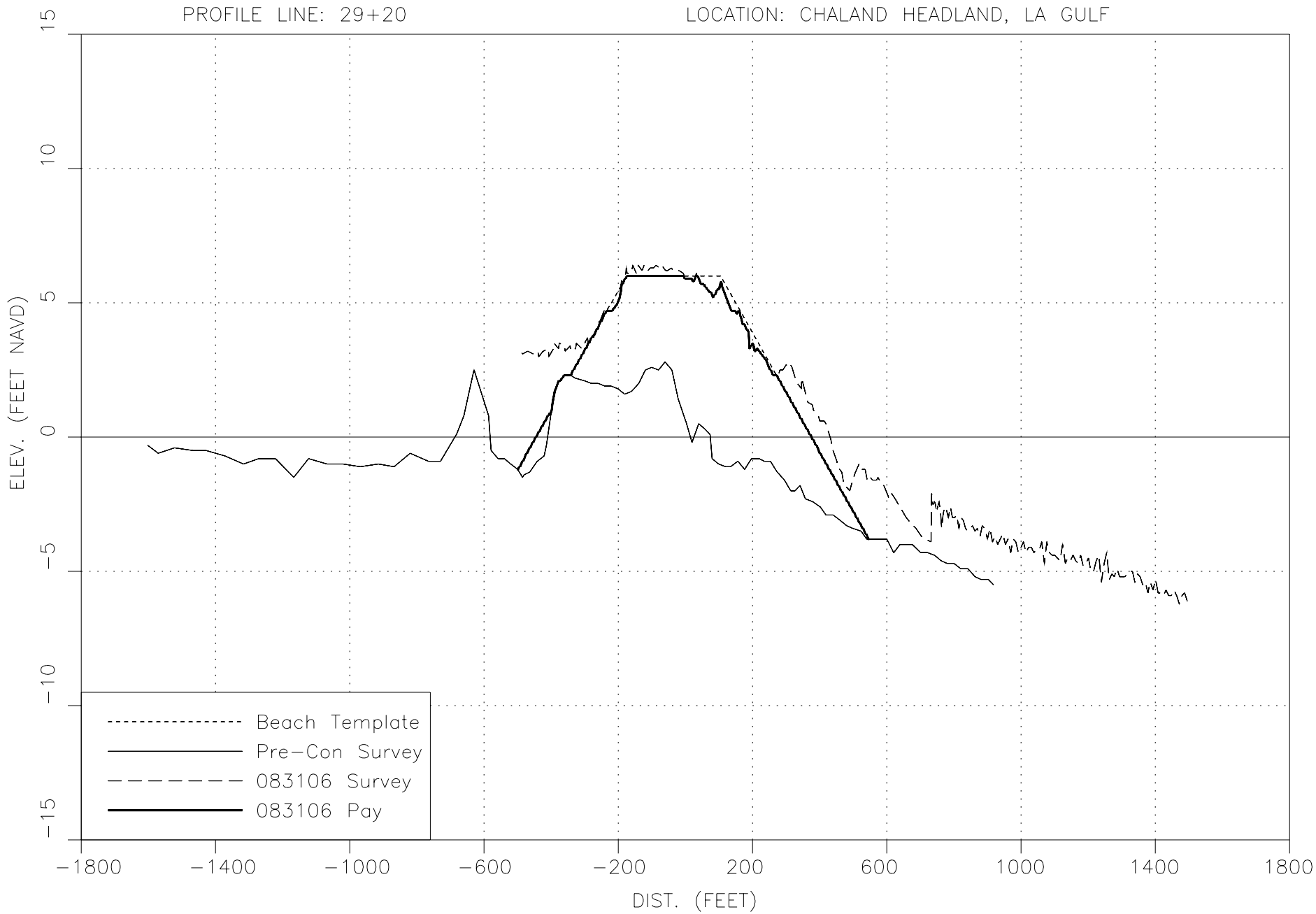
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 29+20
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ELEV. (FEET NAVD)
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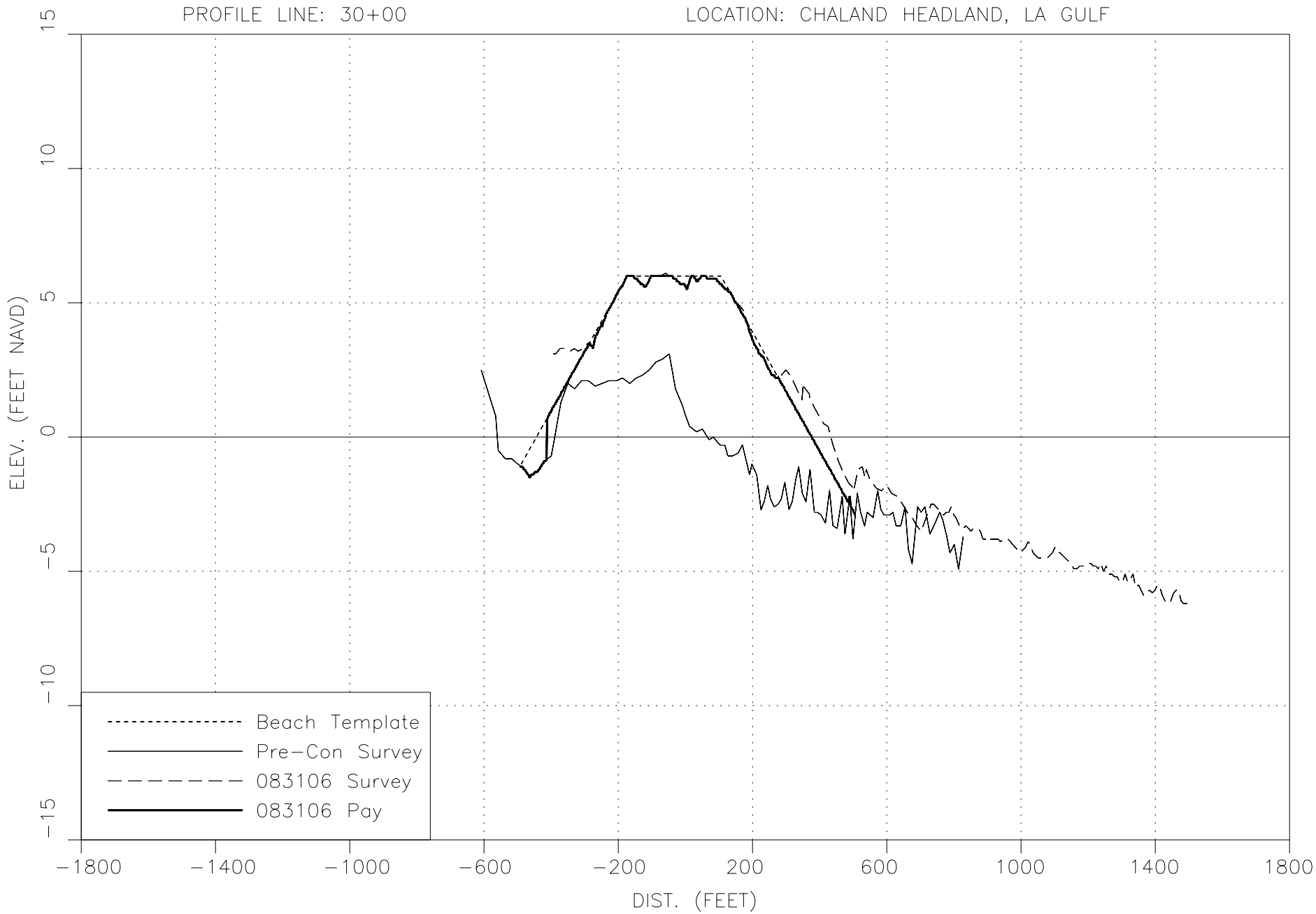
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 30+00
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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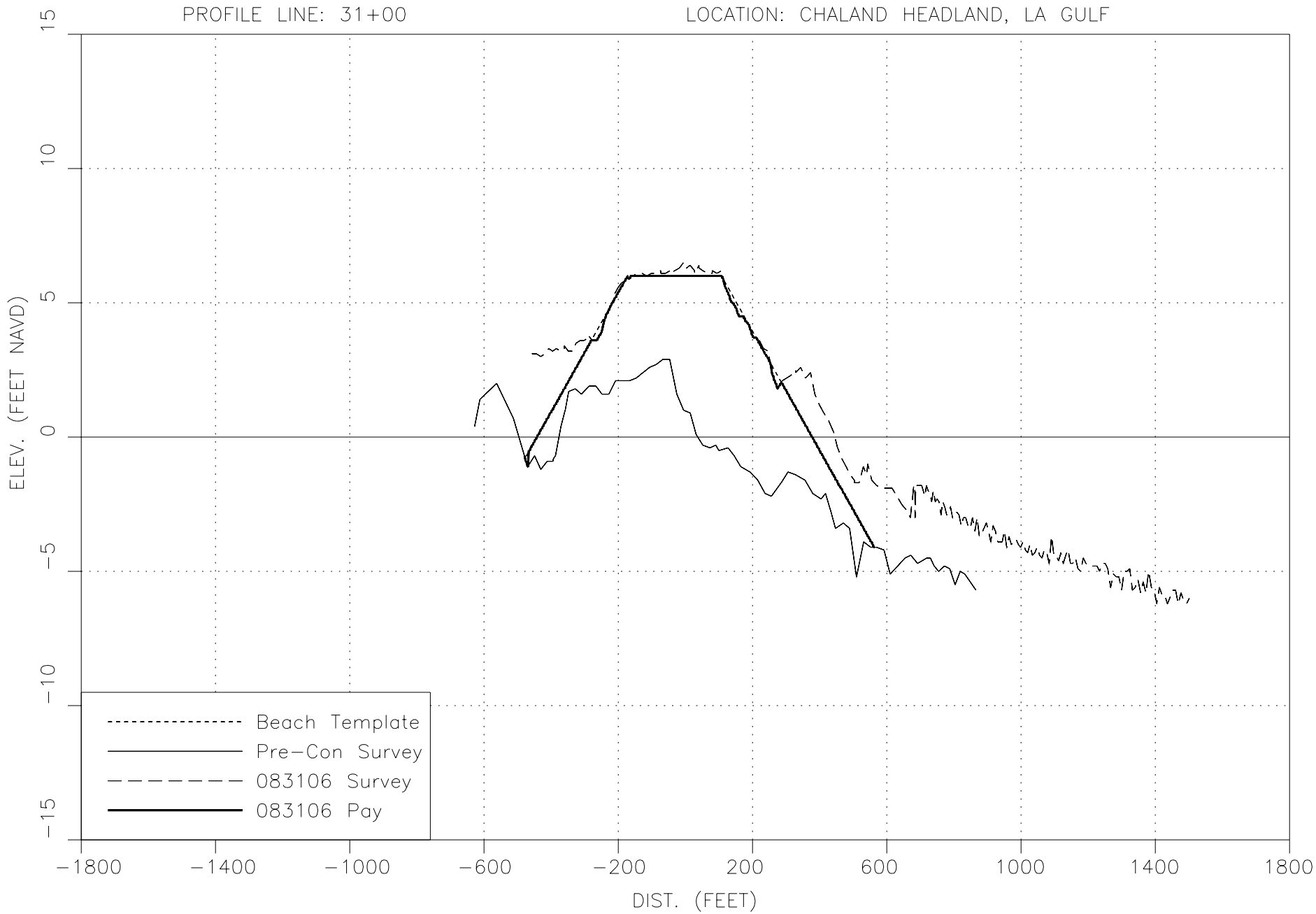
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 31+00
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ELEV. (FEET NAVD)
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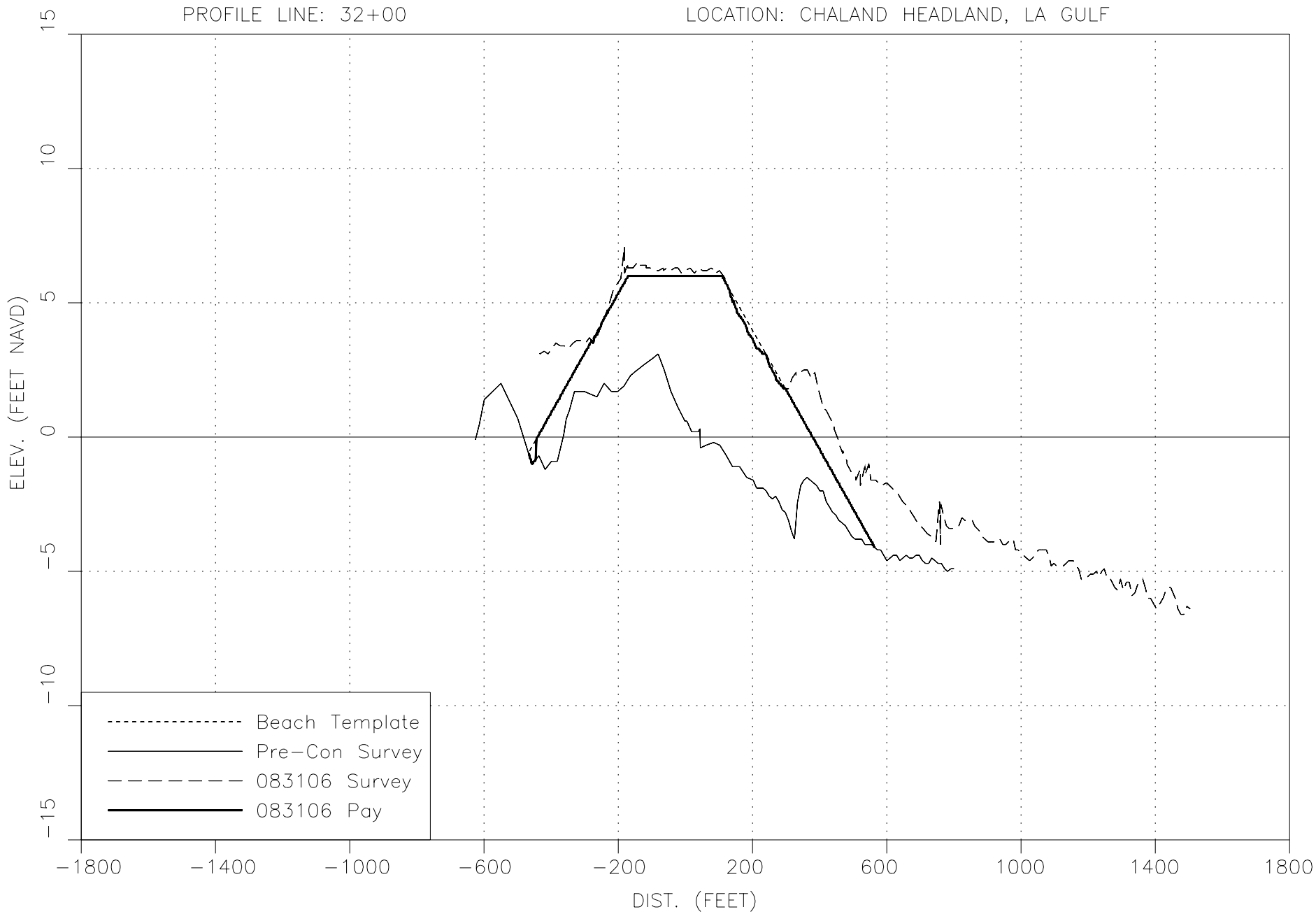
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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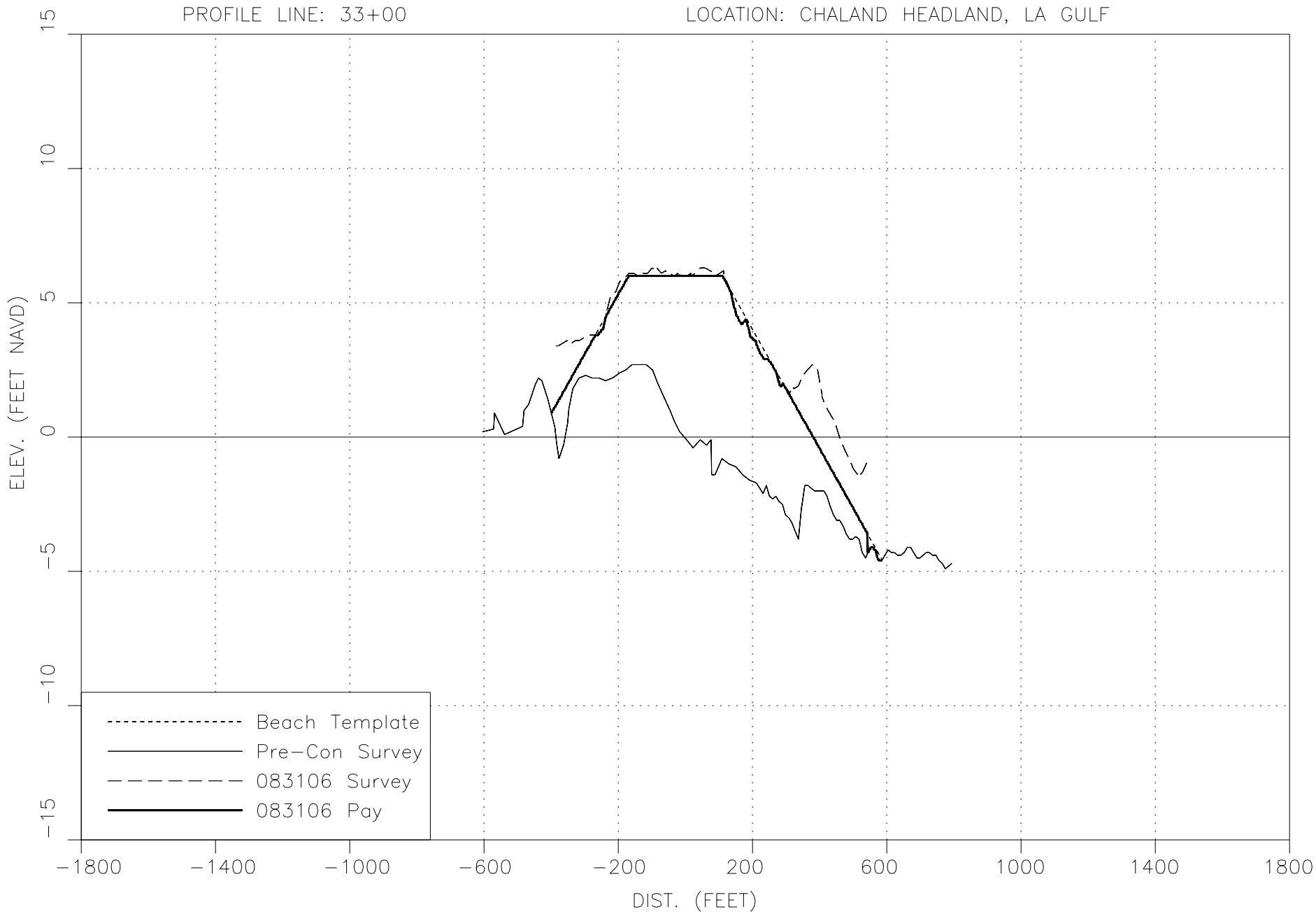
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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ELEV. (FEET NAVD)
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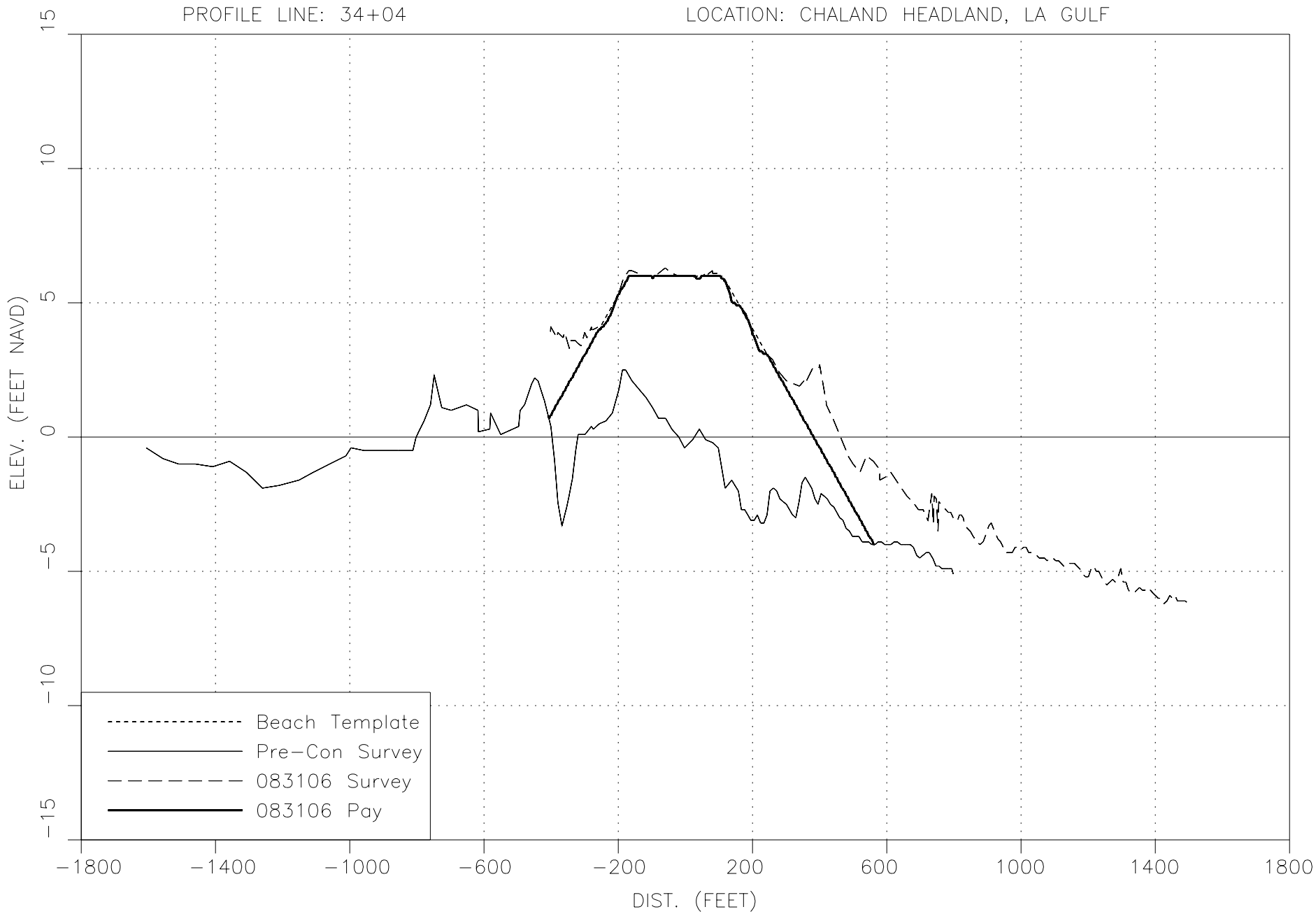
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 34+04
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ELEV. (FEET NAVD)
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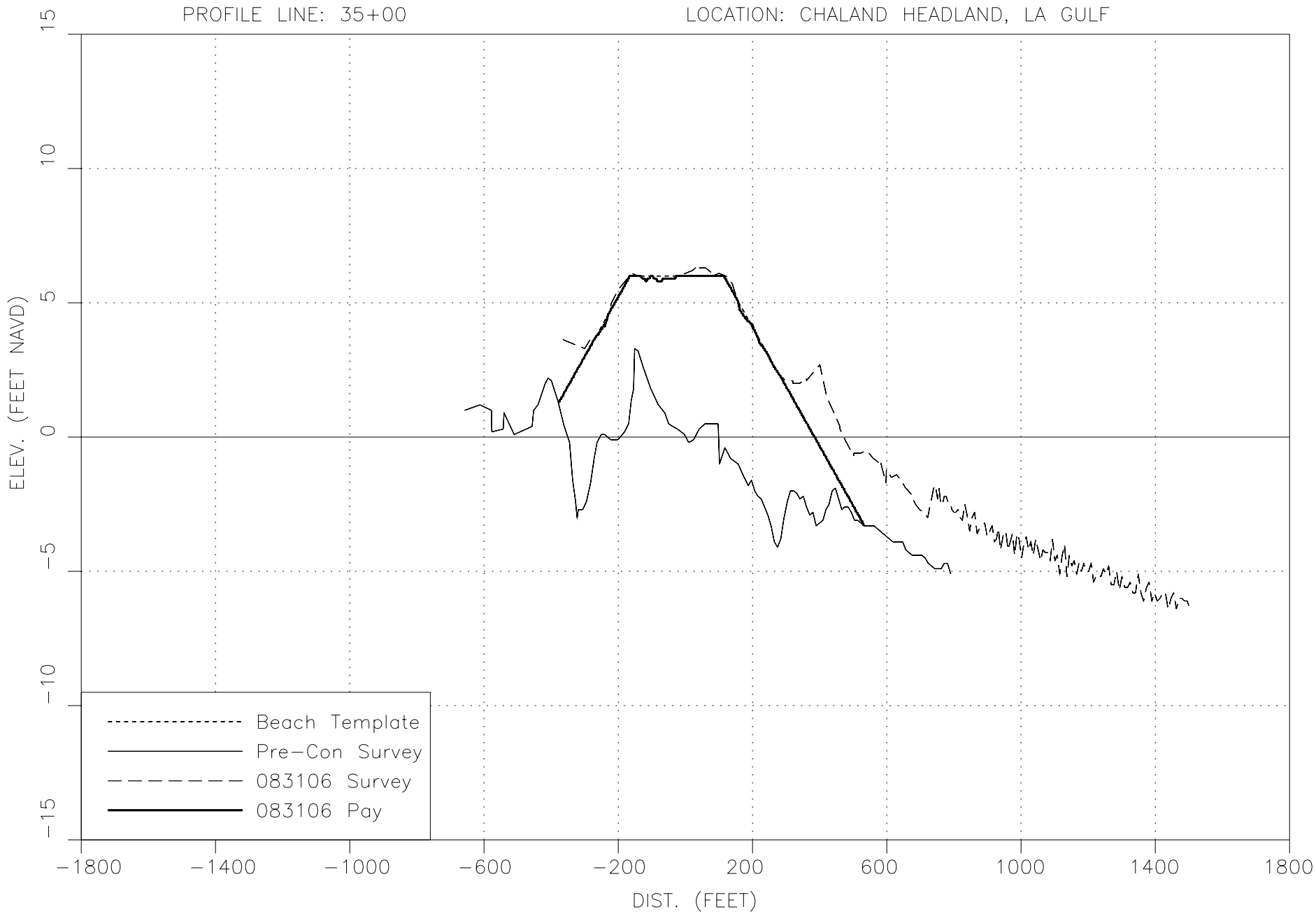
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 35+00
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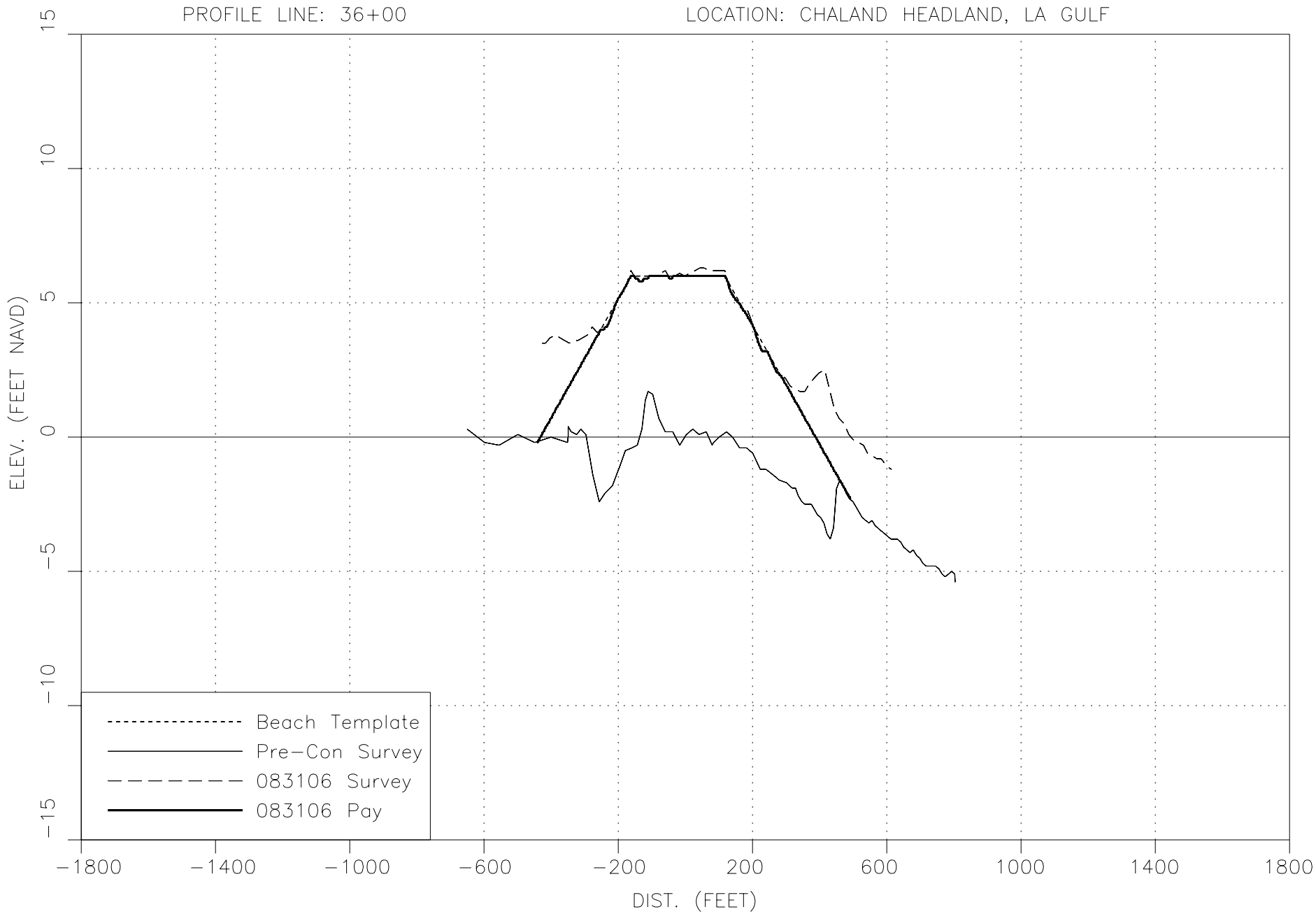
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 36+00
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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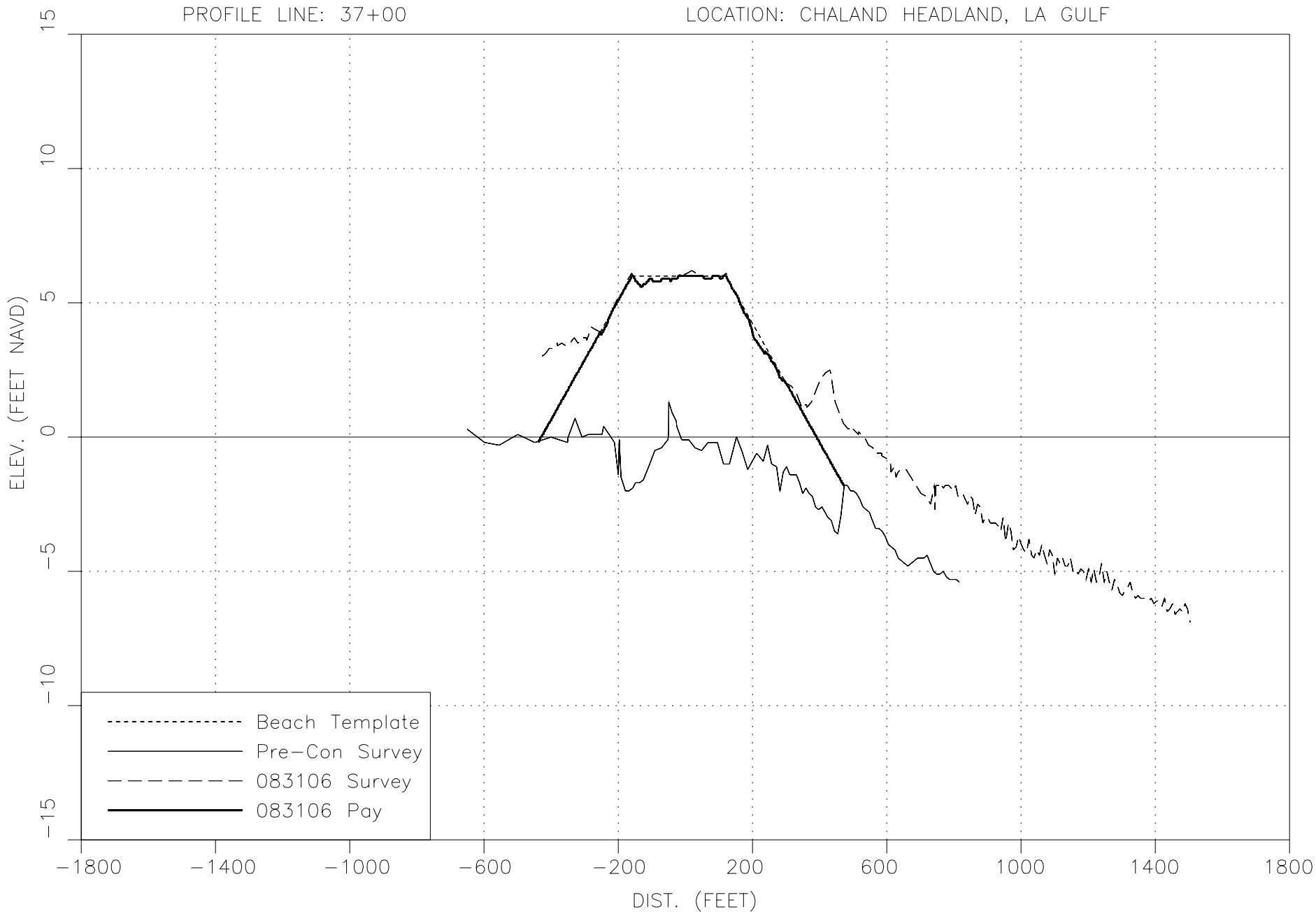
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 37+00
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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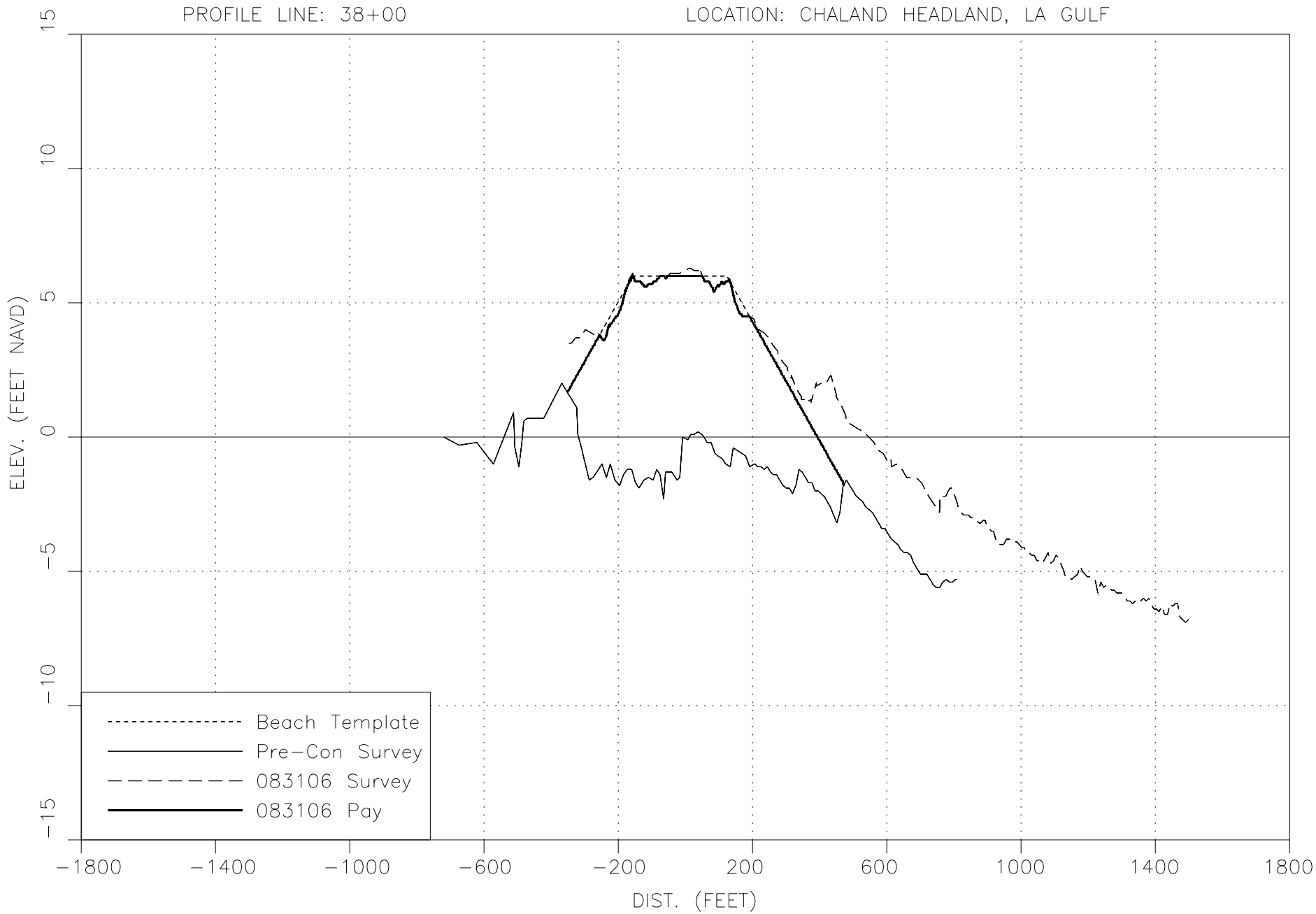
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay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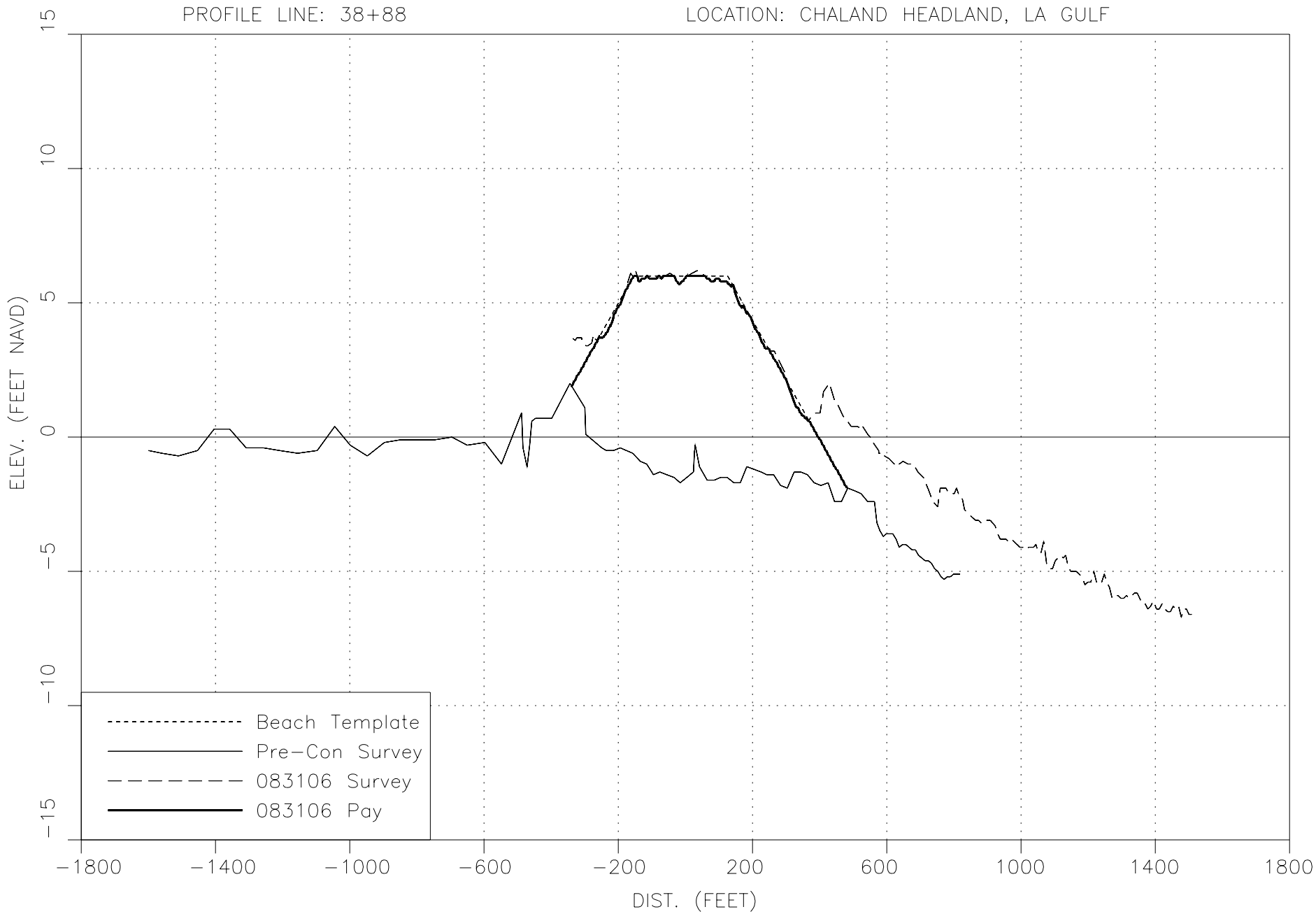
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 38+88
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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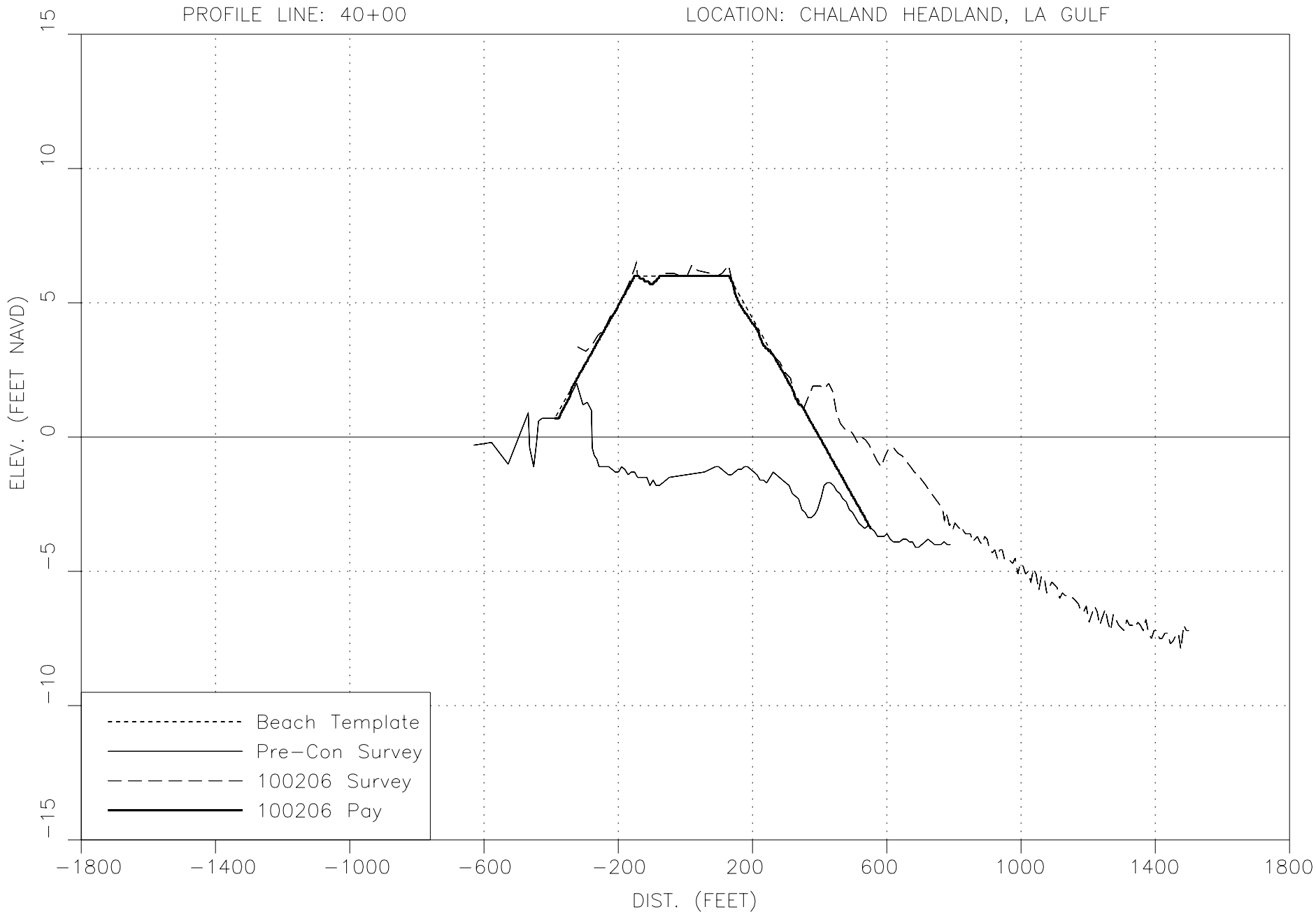
DIST. (FEET)
Beach Template
Pre−Con Survey
083106 Survey
083106 Pay


PROFILE LINE: 40+00
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ELEV. (FEET NAVD)
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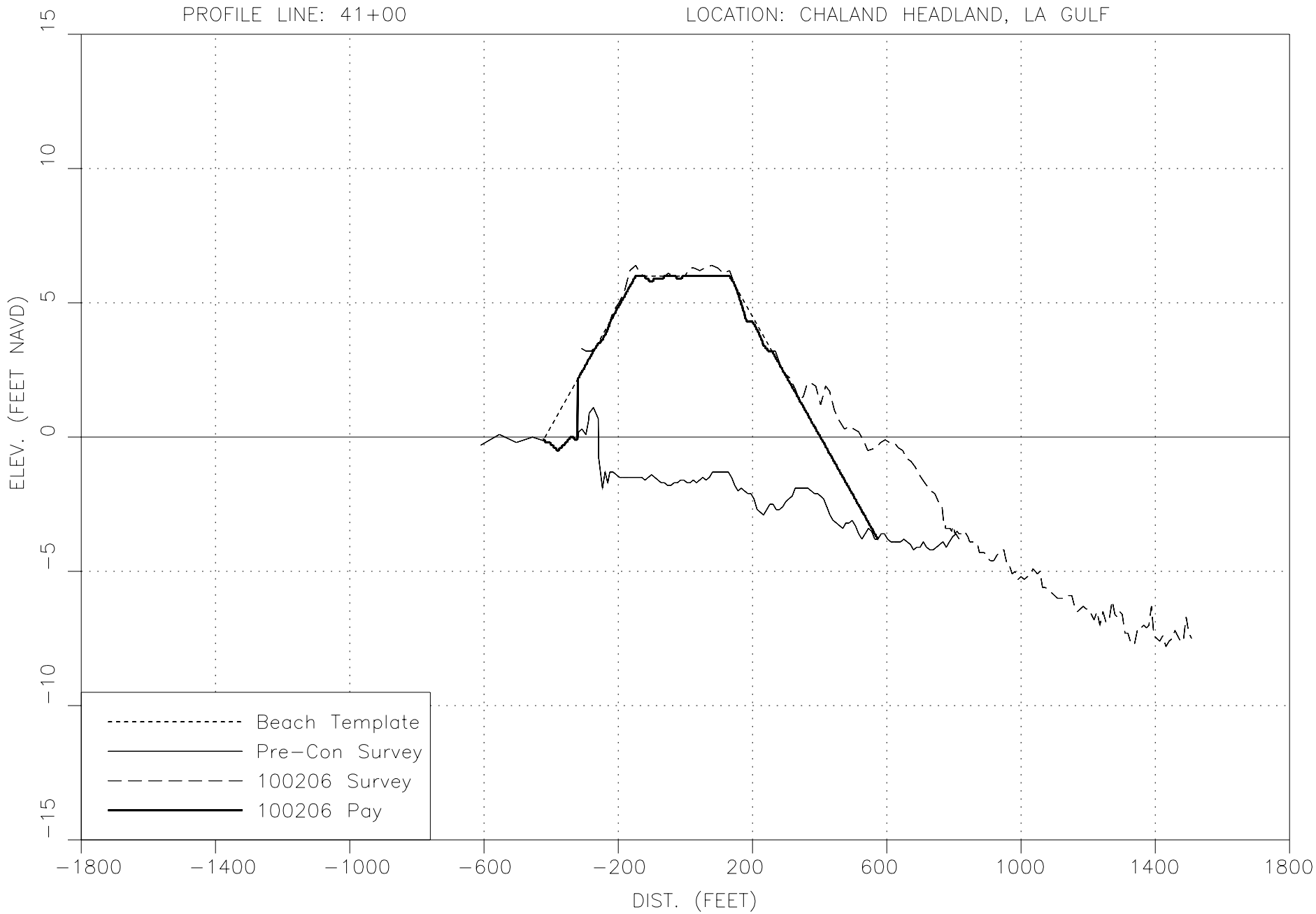
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 41+00
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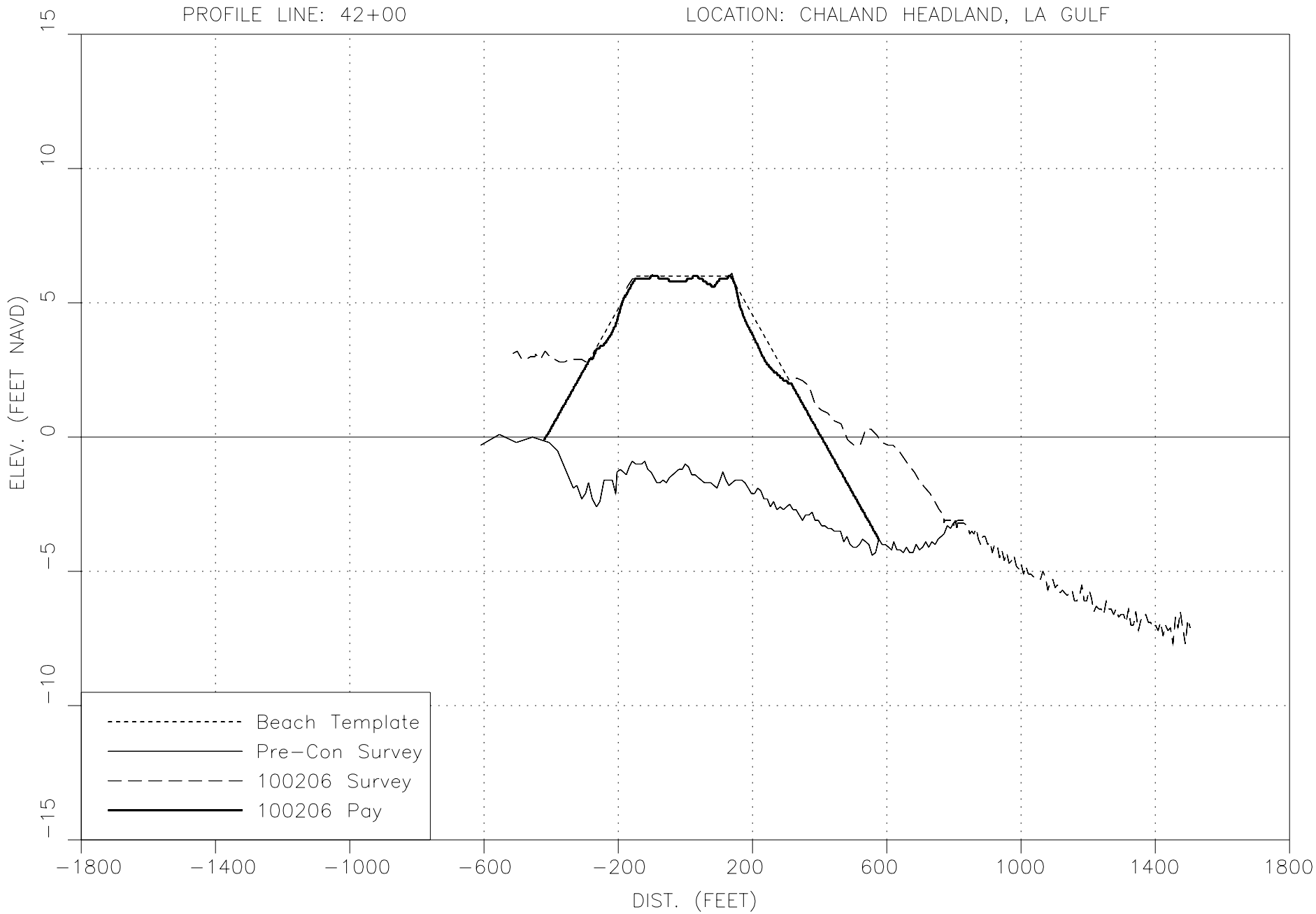
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 42+00
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ELEV. (FEET NAVD)
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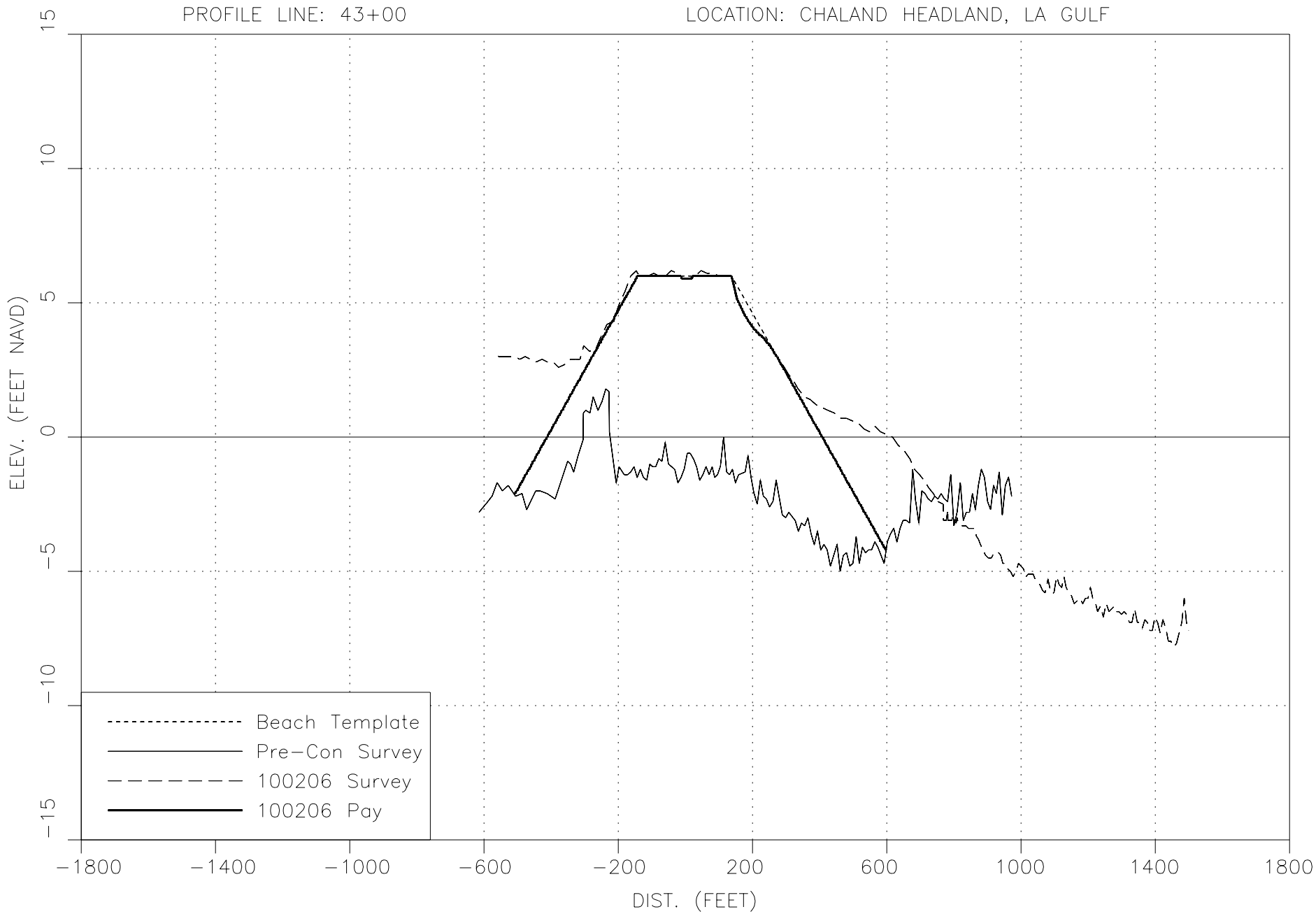
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 43+00
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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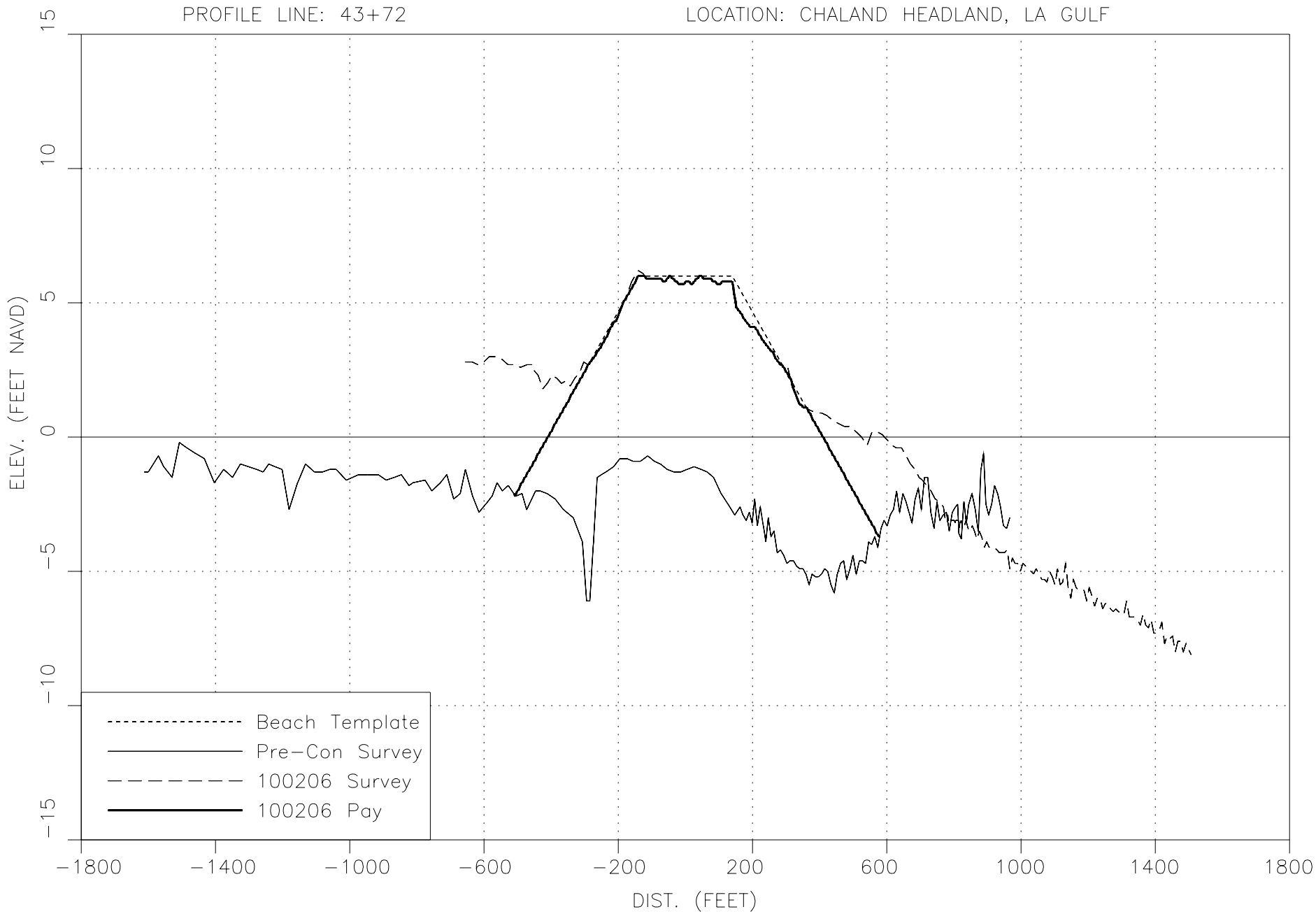
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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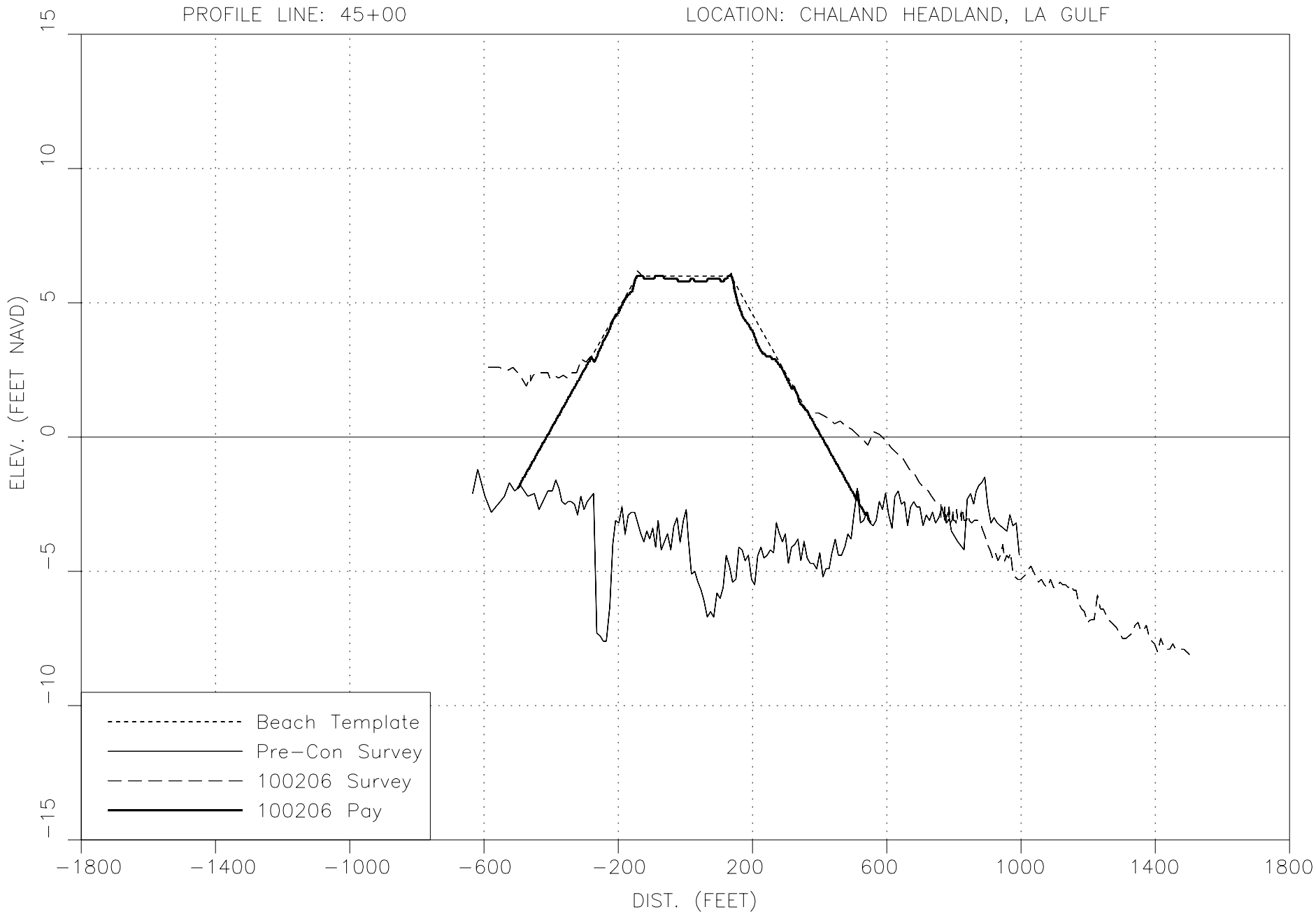
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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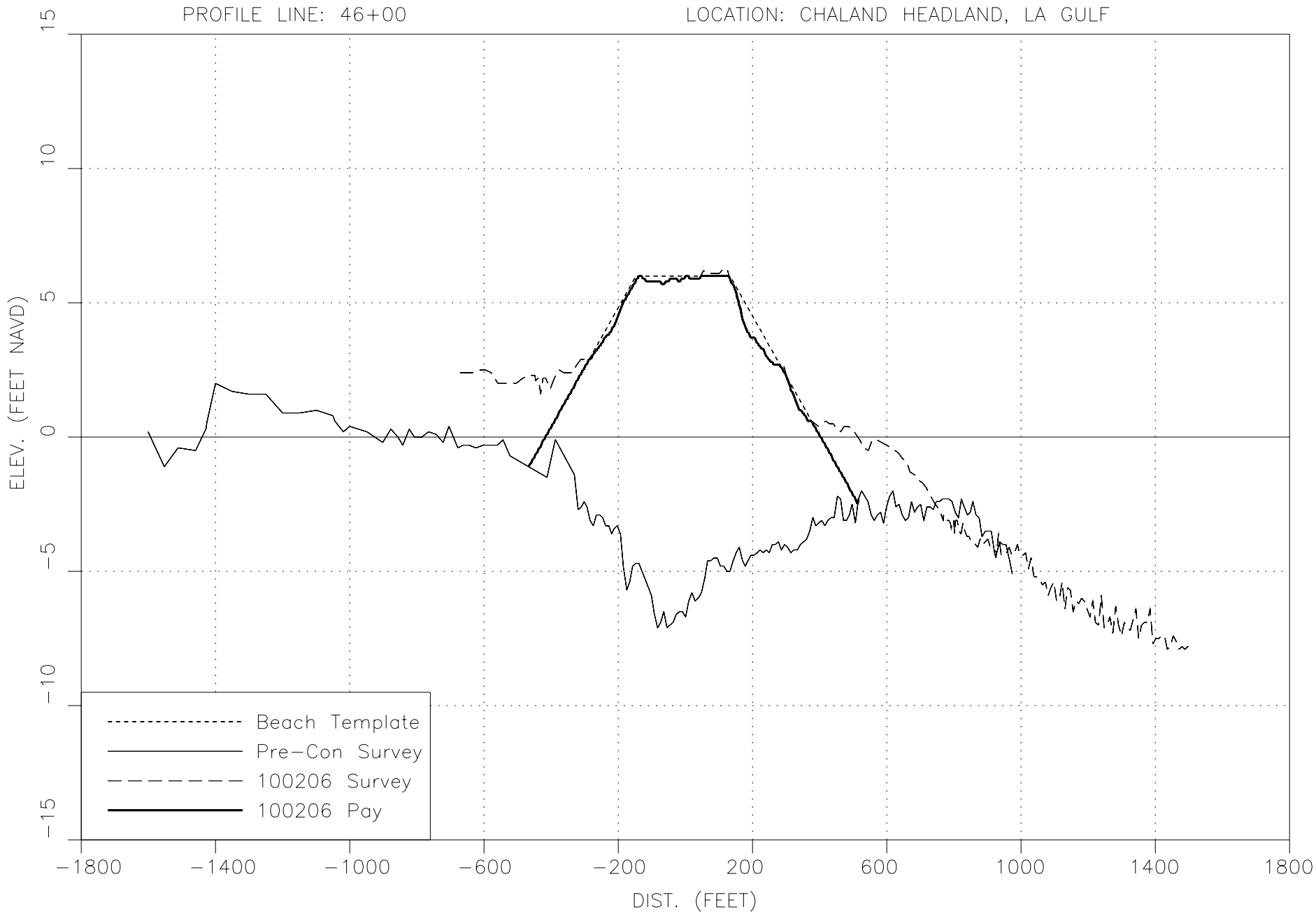
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 46+00
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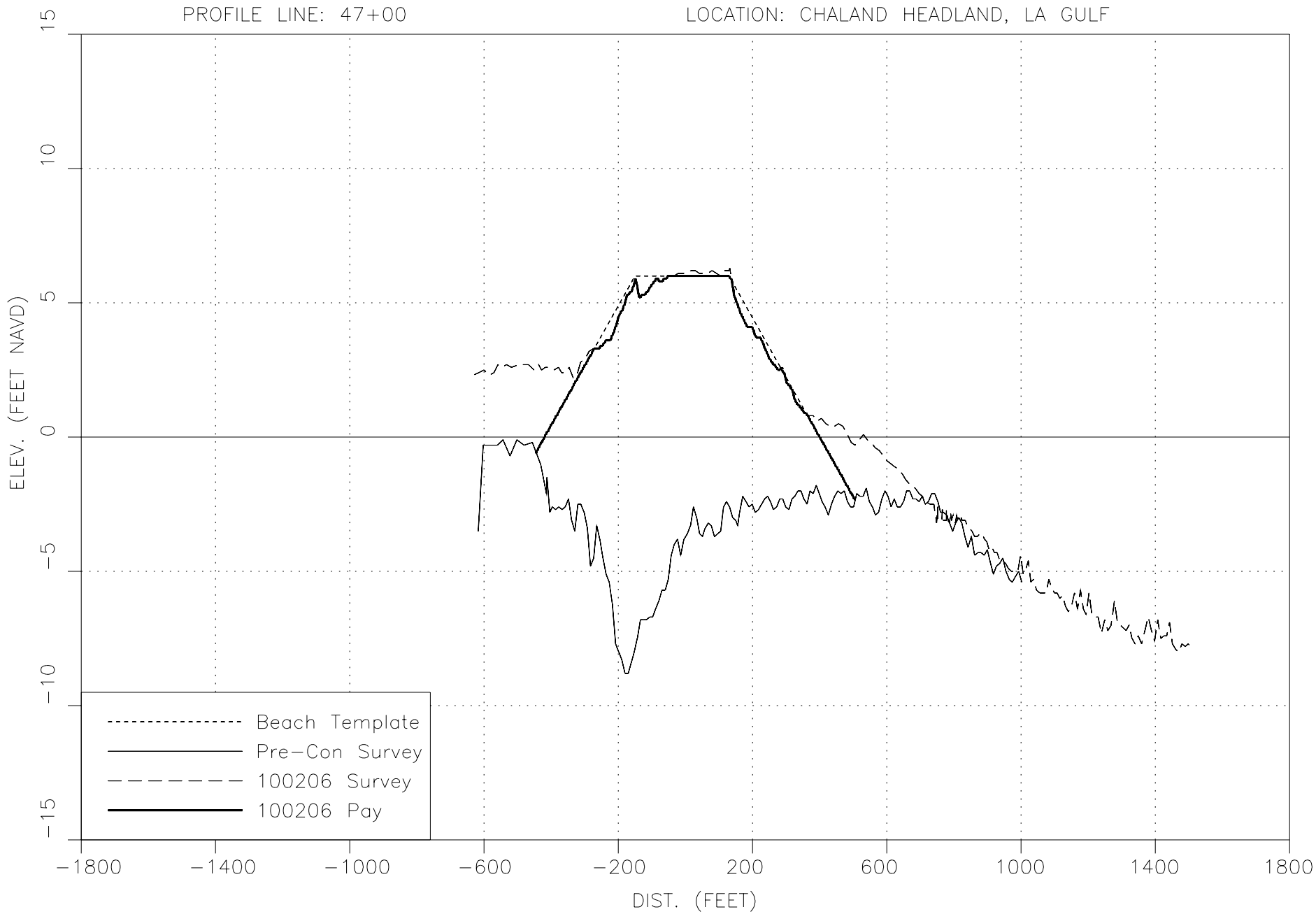
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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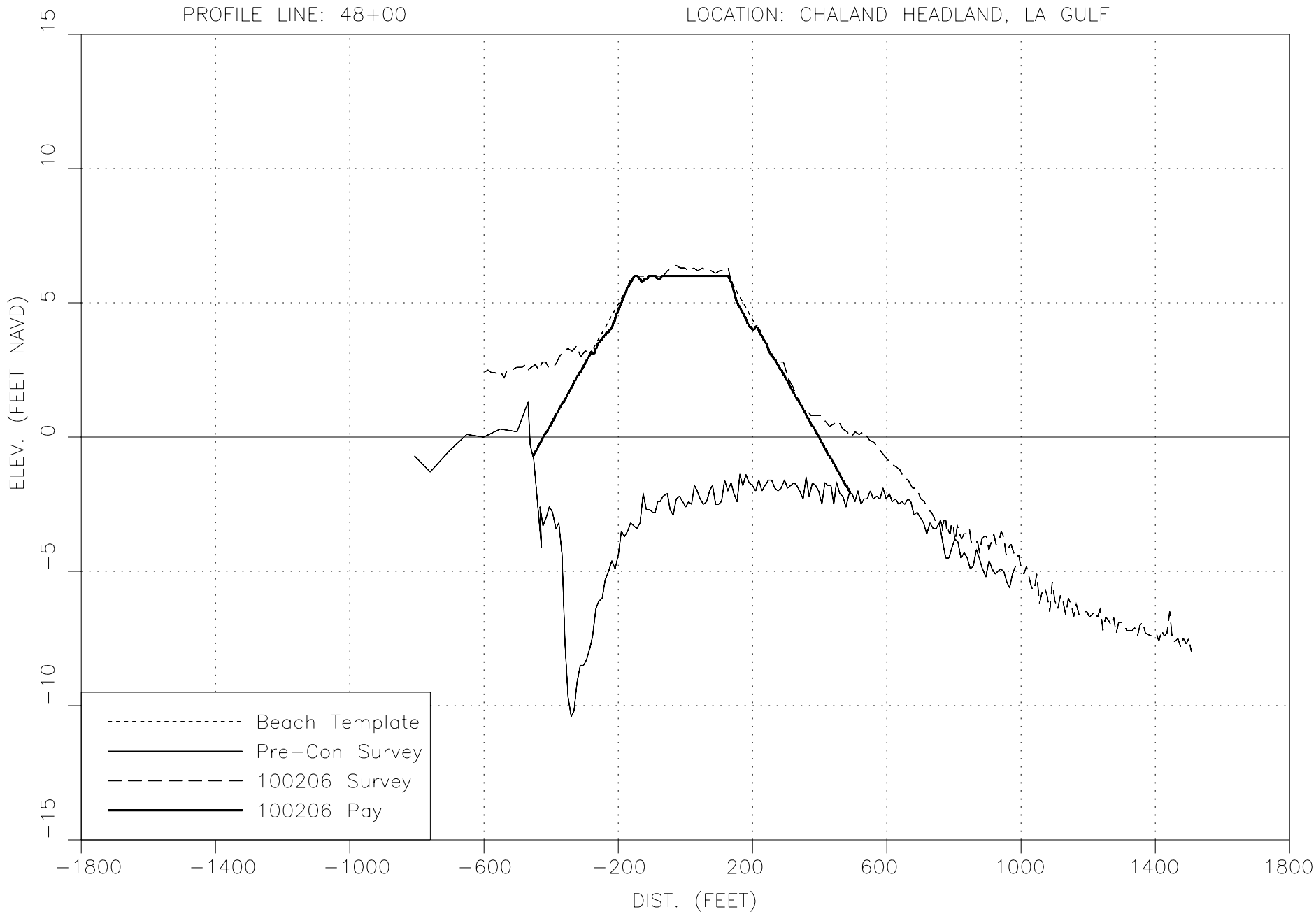
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 48+00
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ELEV. (FEET NAVD)
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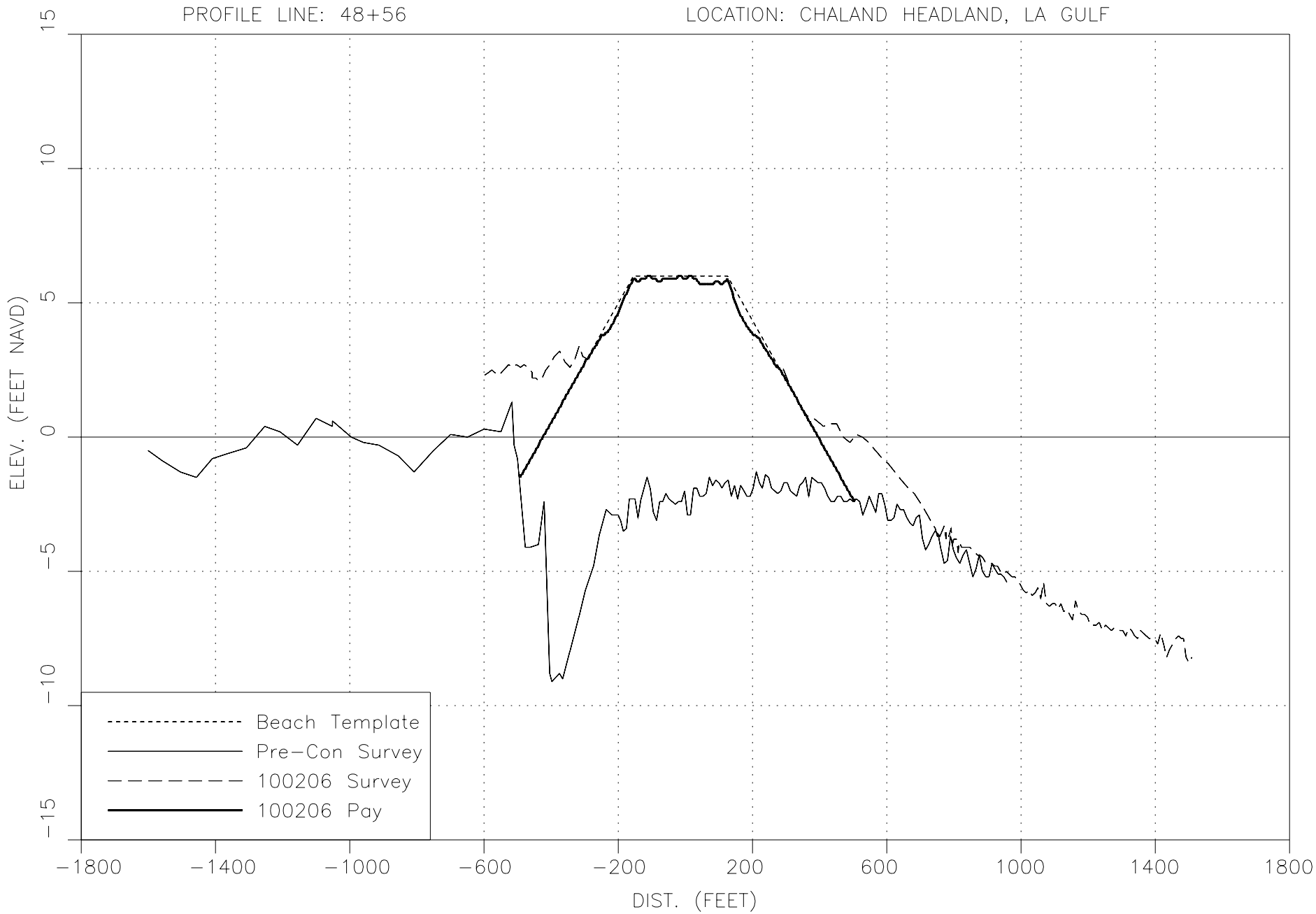
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 48+56
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ELEV. (FEET NAVD)
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−1800
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DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay

PROFILE LINE: 50+00
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
15
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−1800
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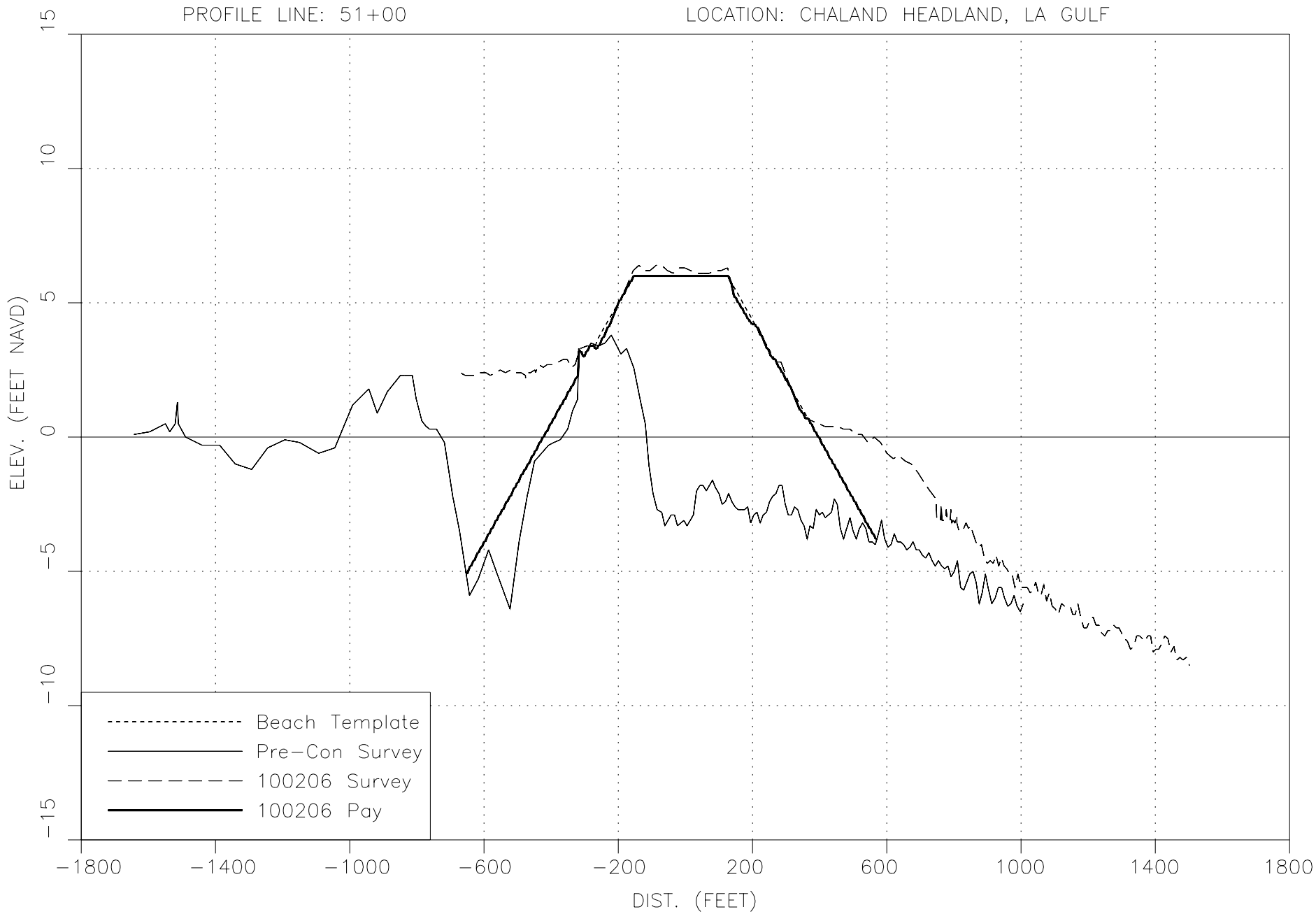
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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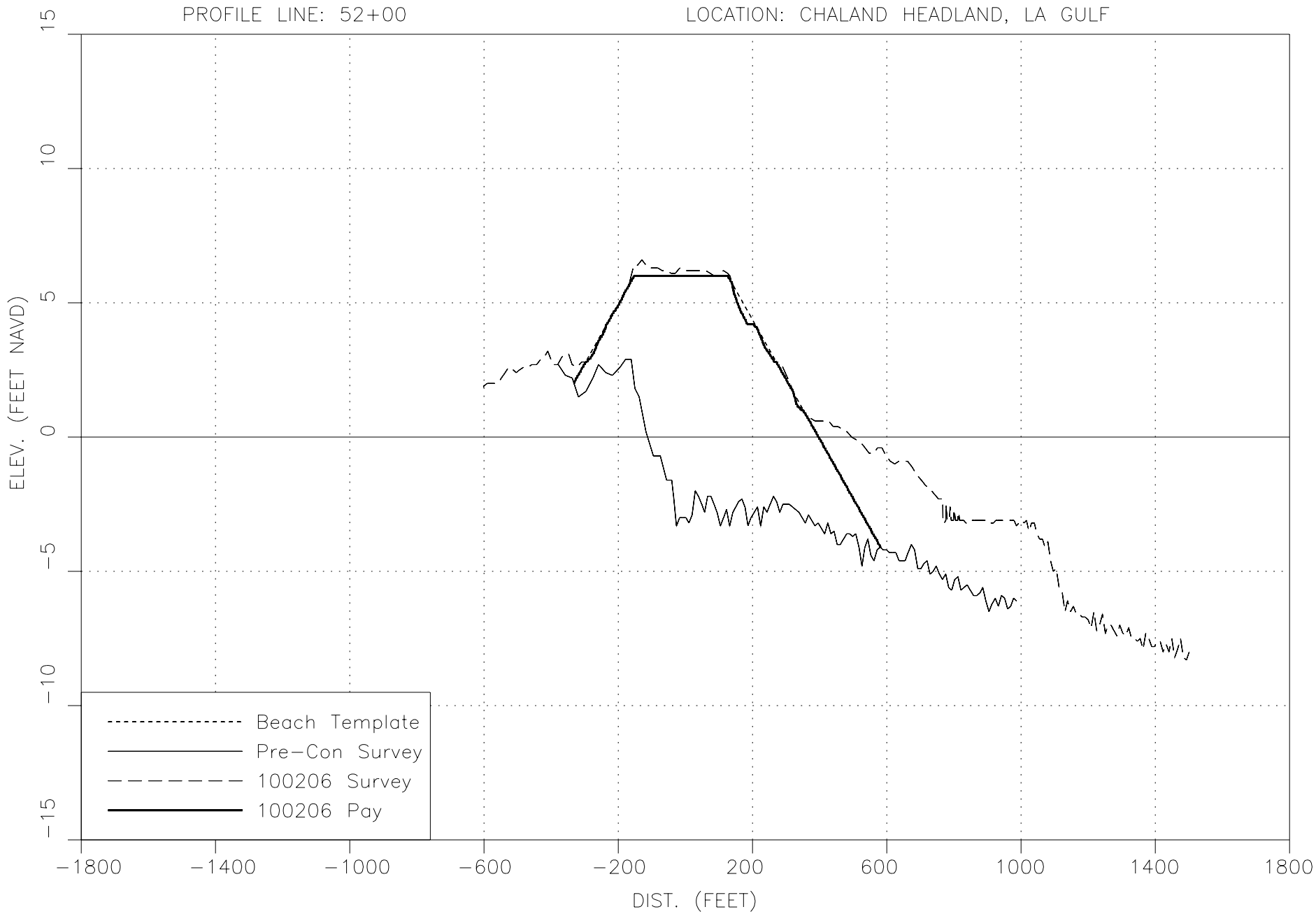
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 52+00
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ELEV. (FEET NAVD)
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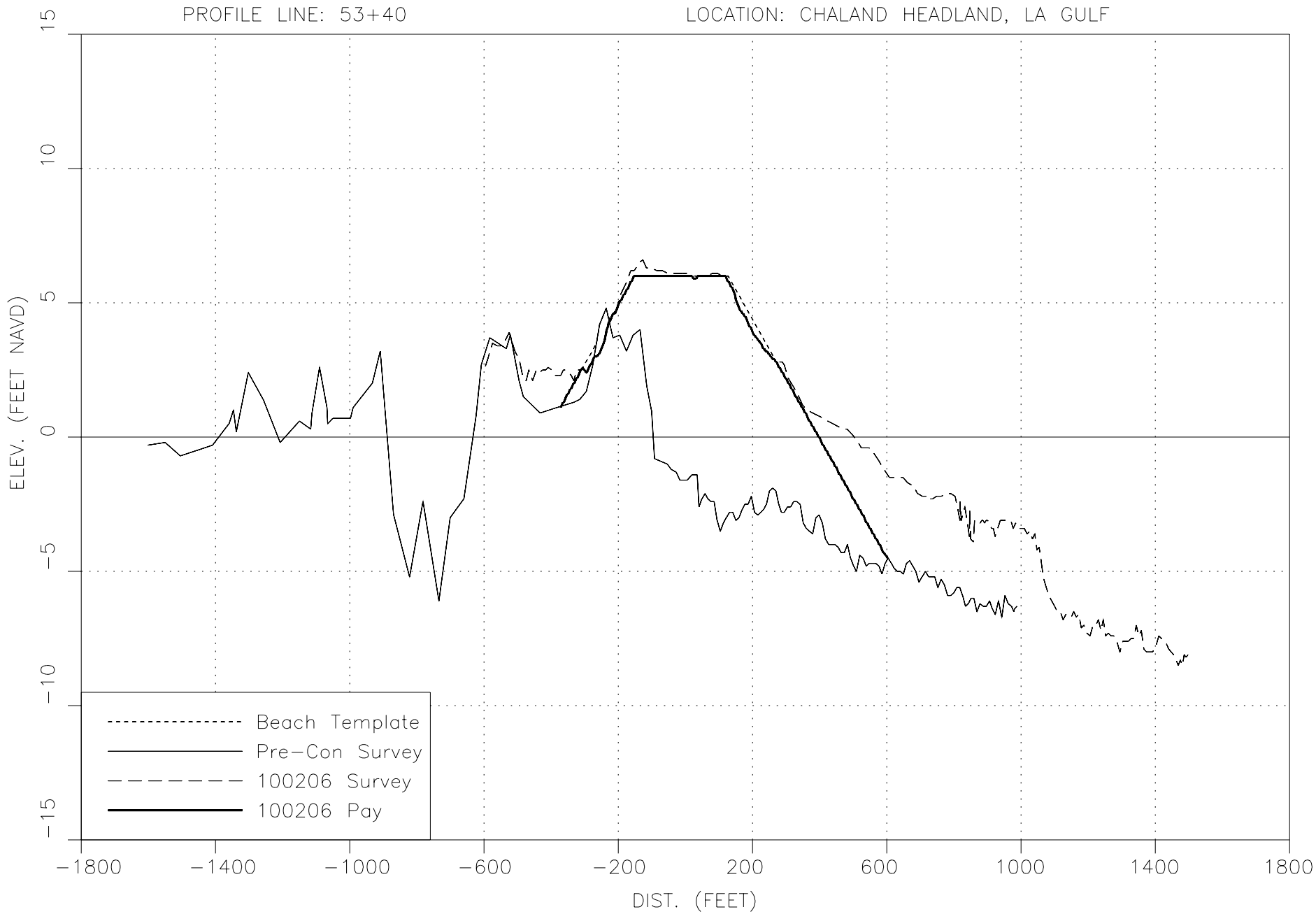
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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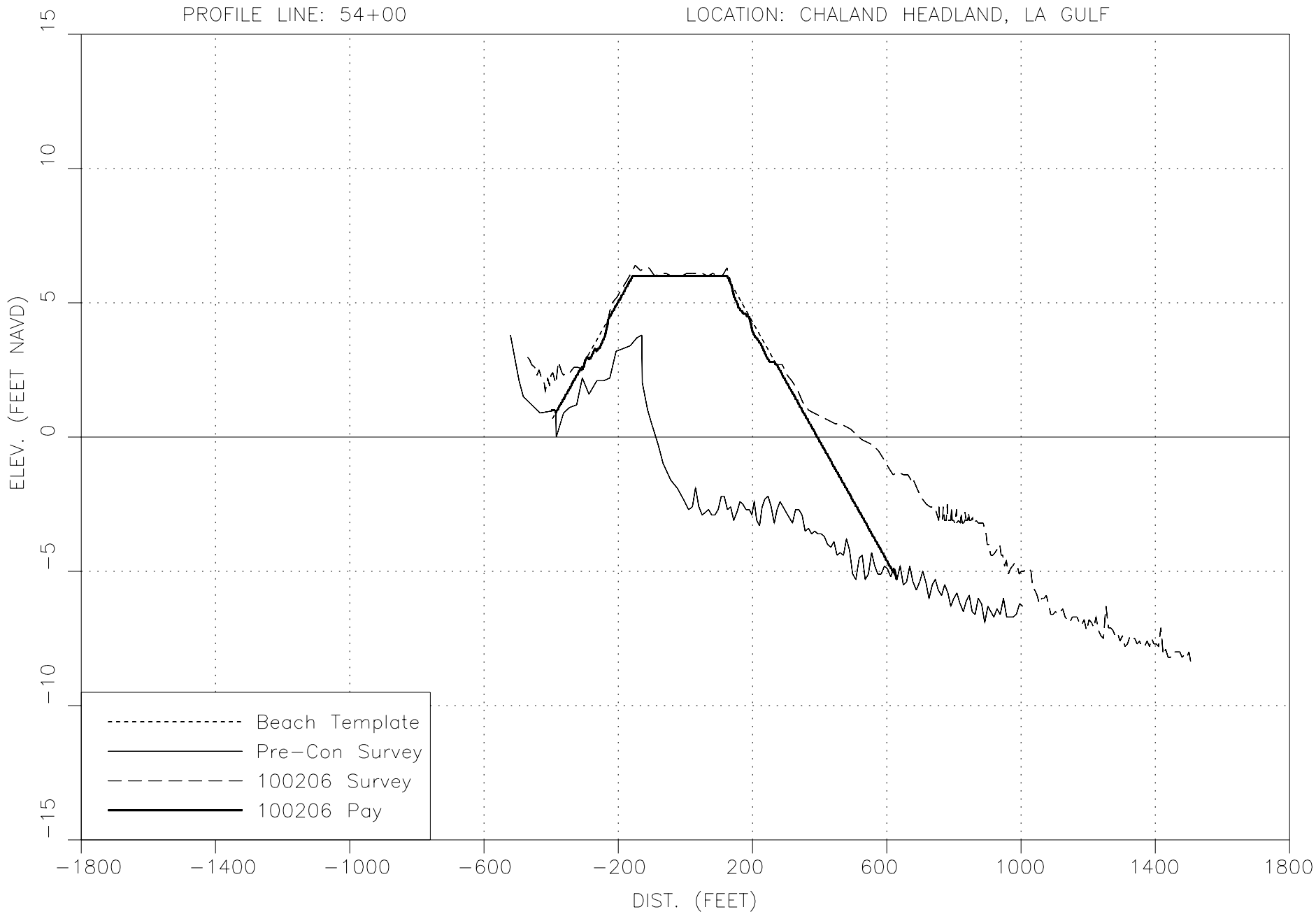
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 54+00
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ELEV. (FEET NAVD)
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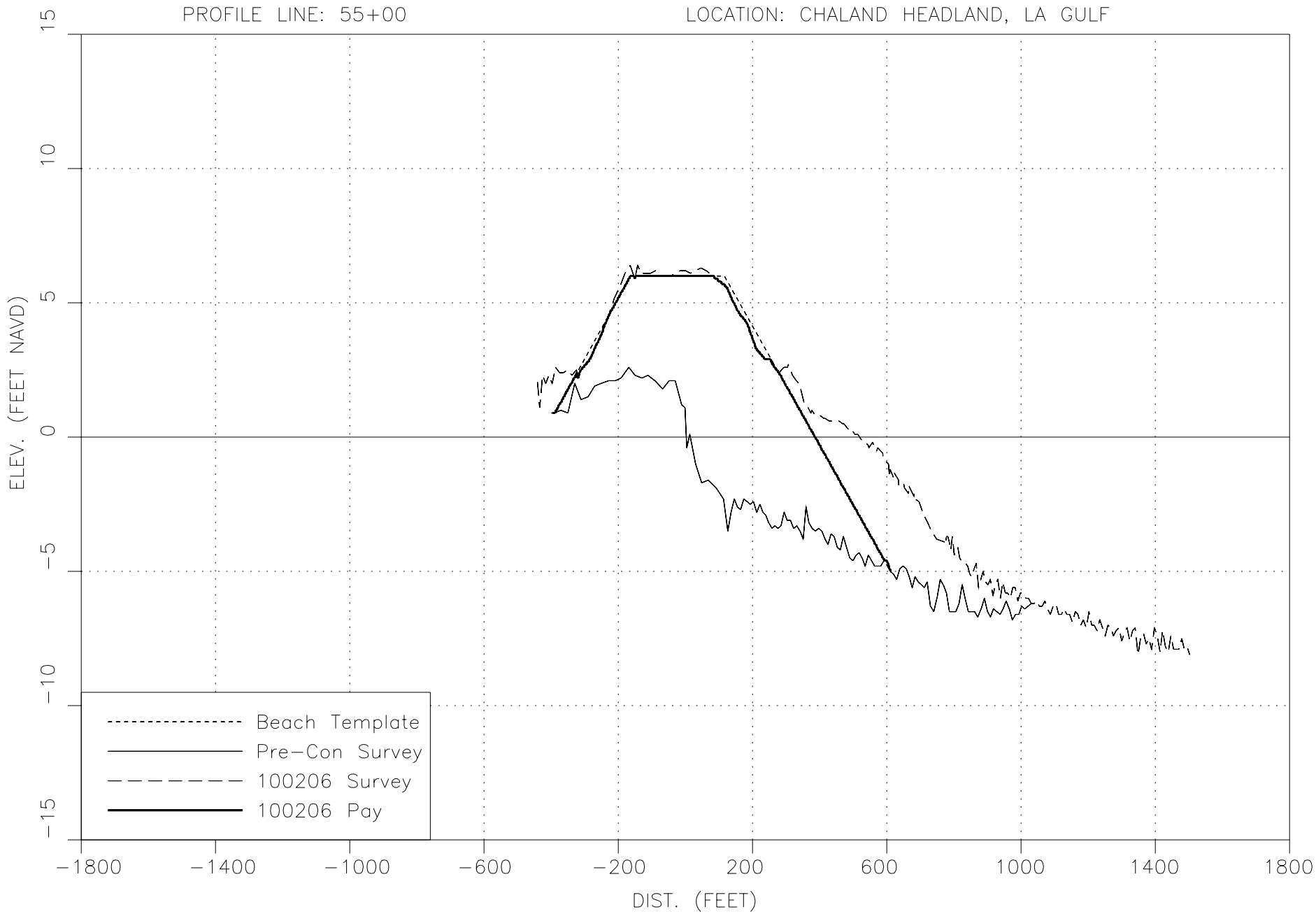
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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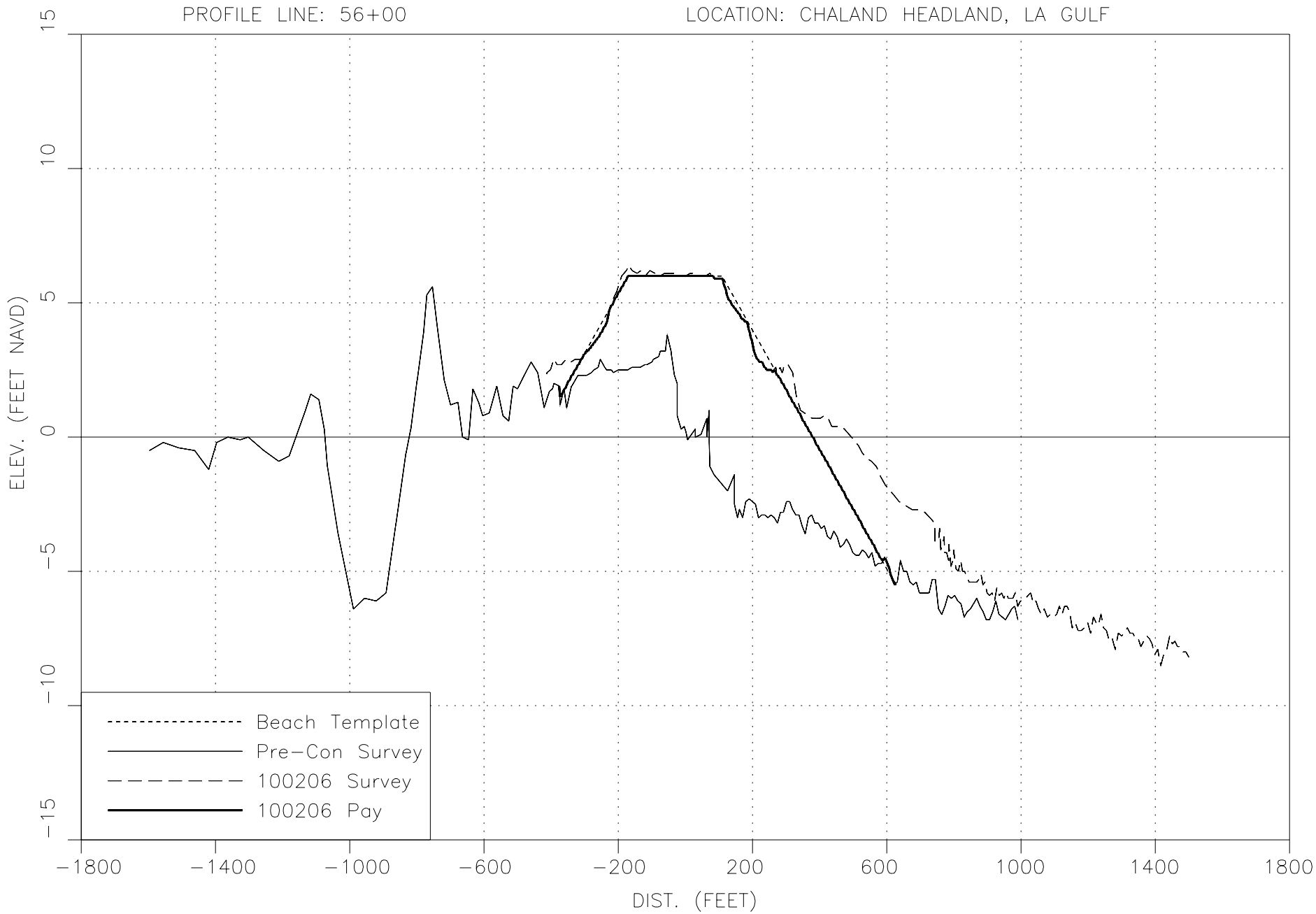
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 56+00
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ELEV. (FEET NAVD)
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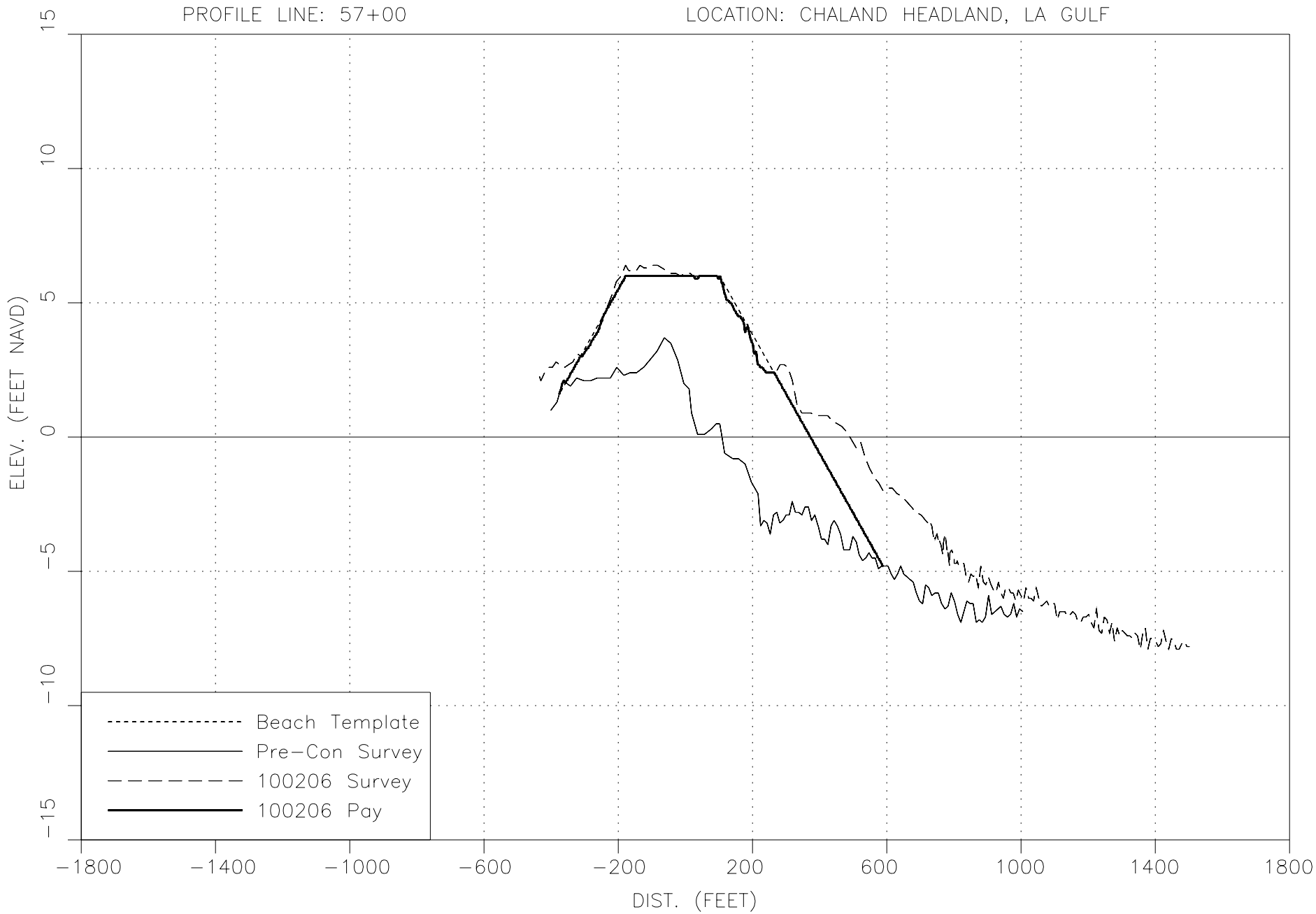
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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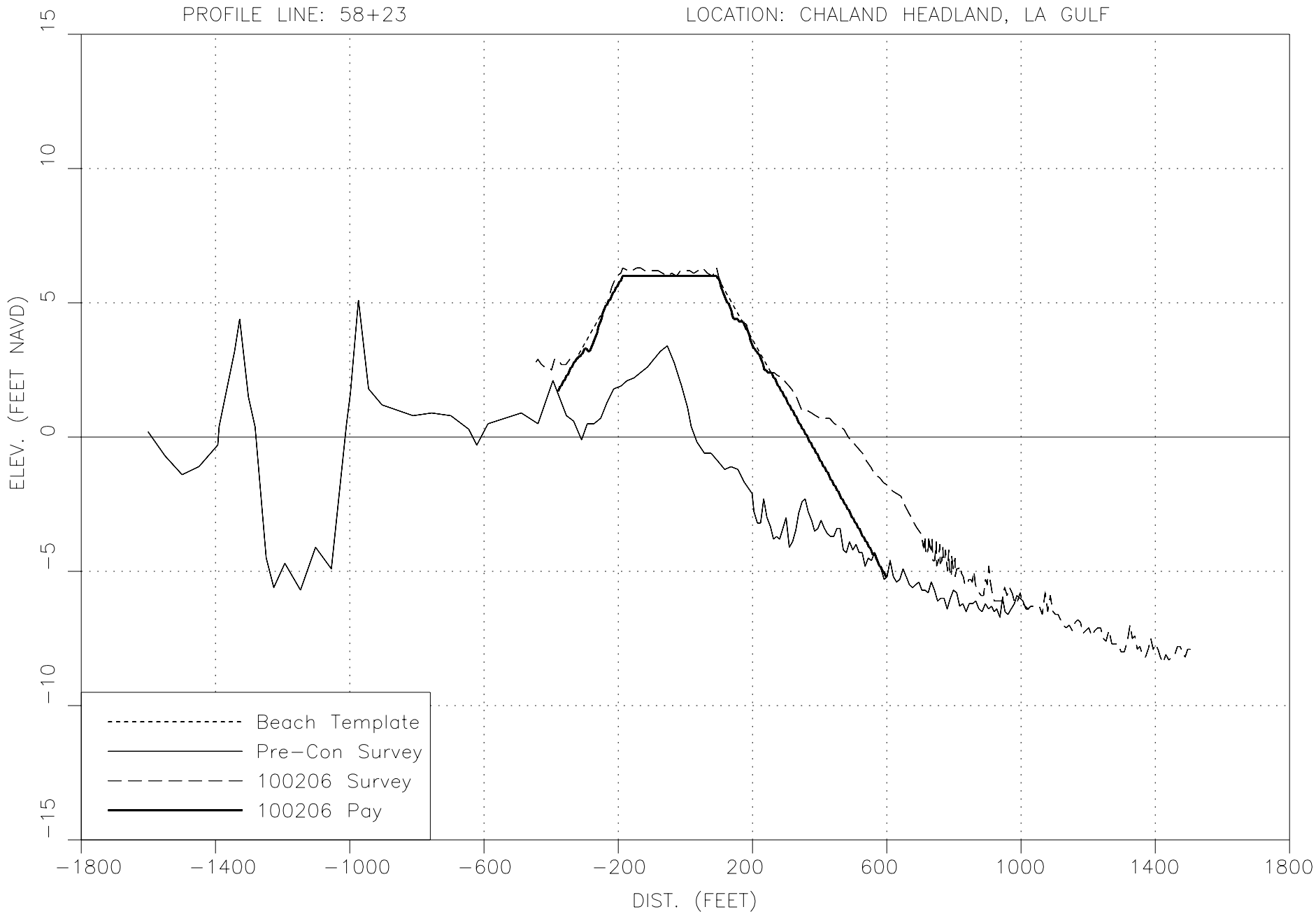
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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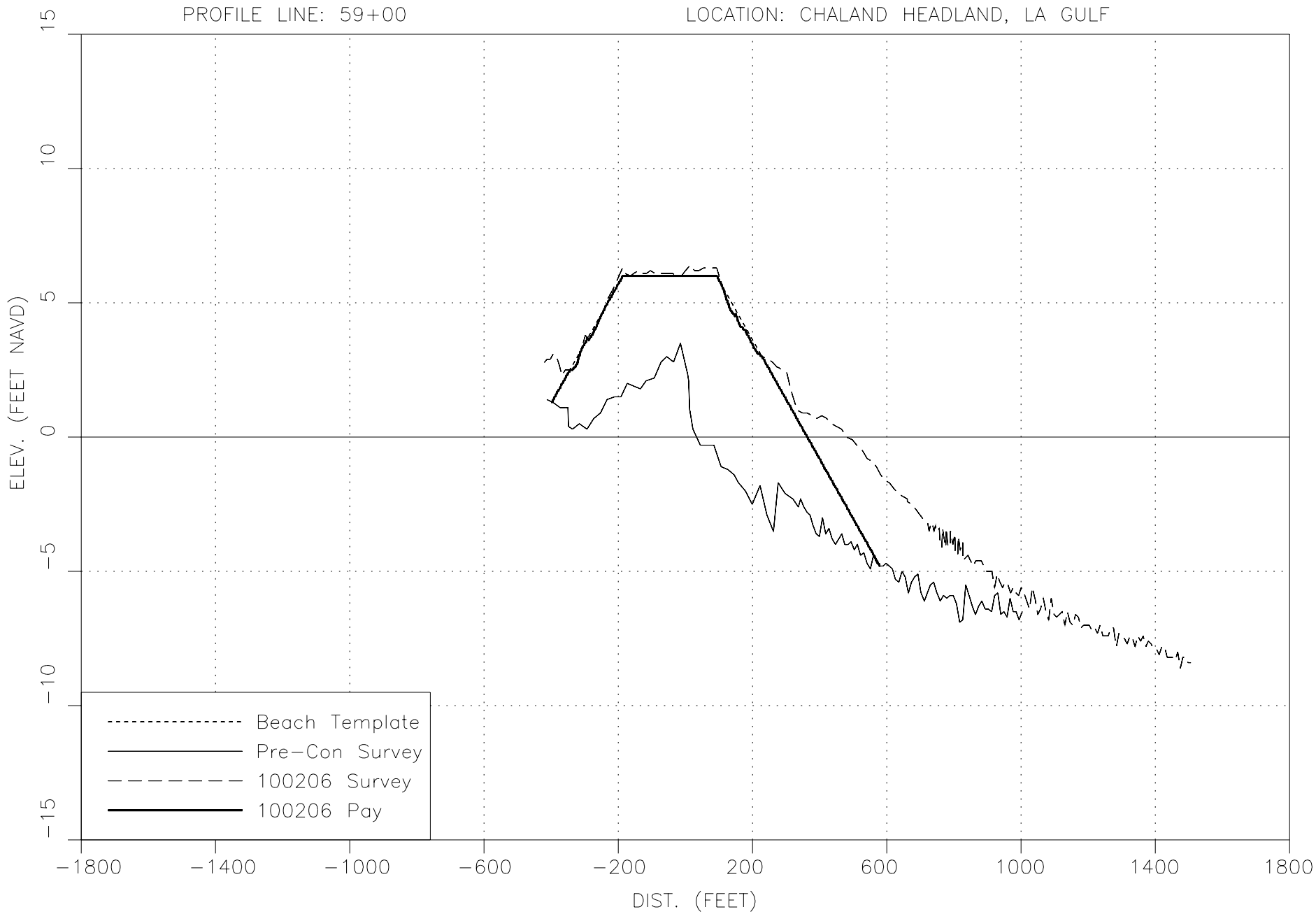
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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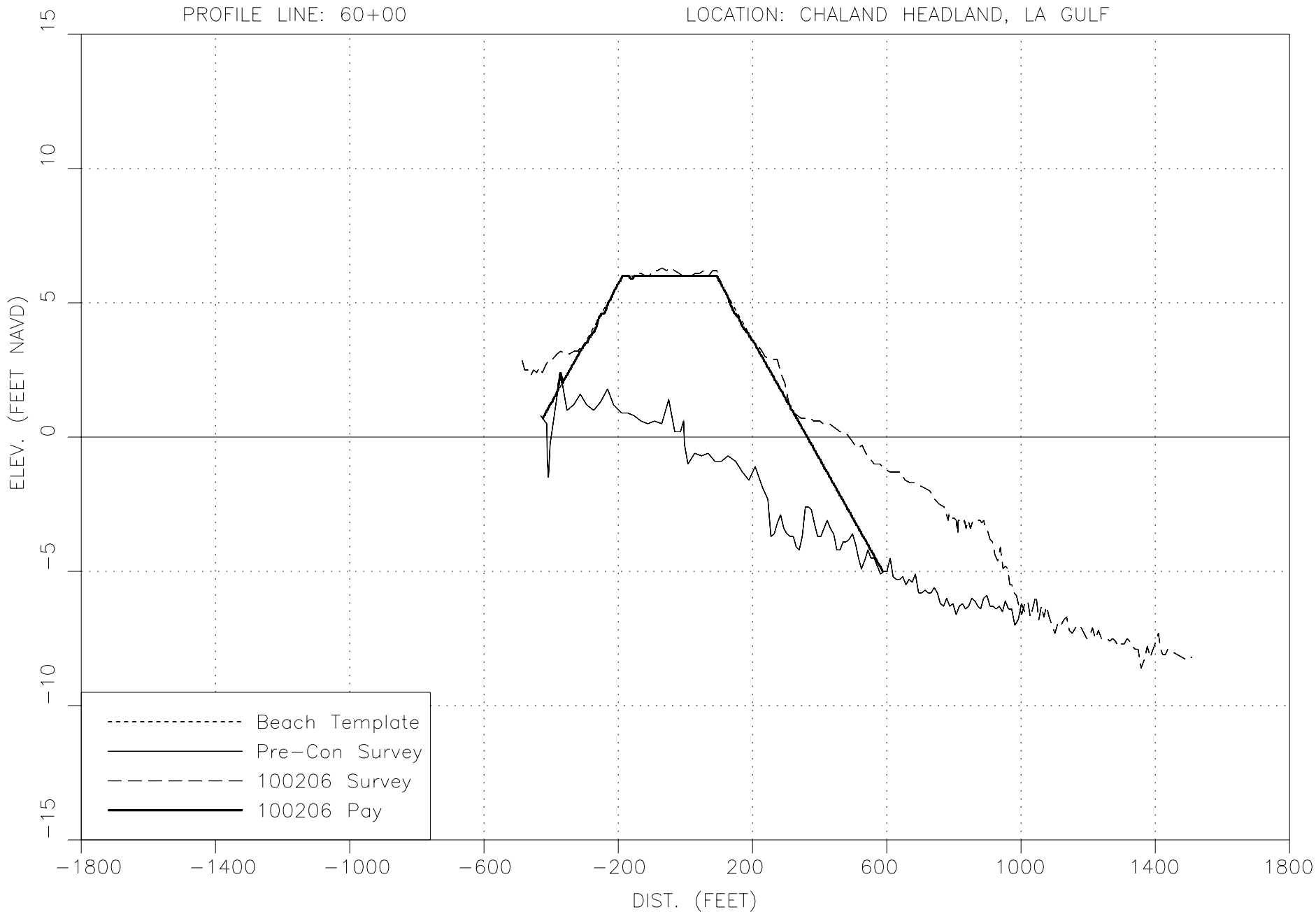
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay

PROFILE LINE: 61+00
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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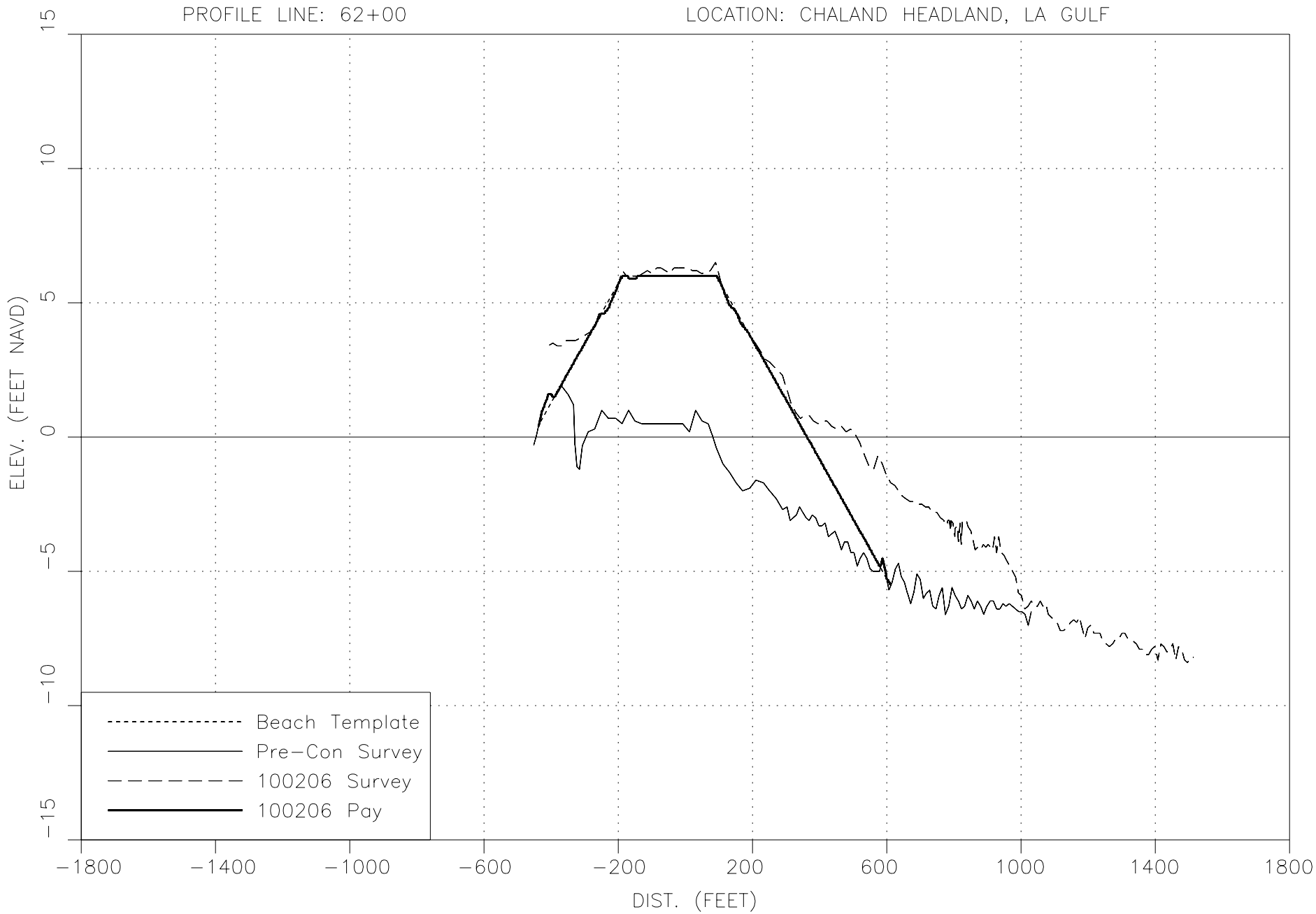
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 62+00
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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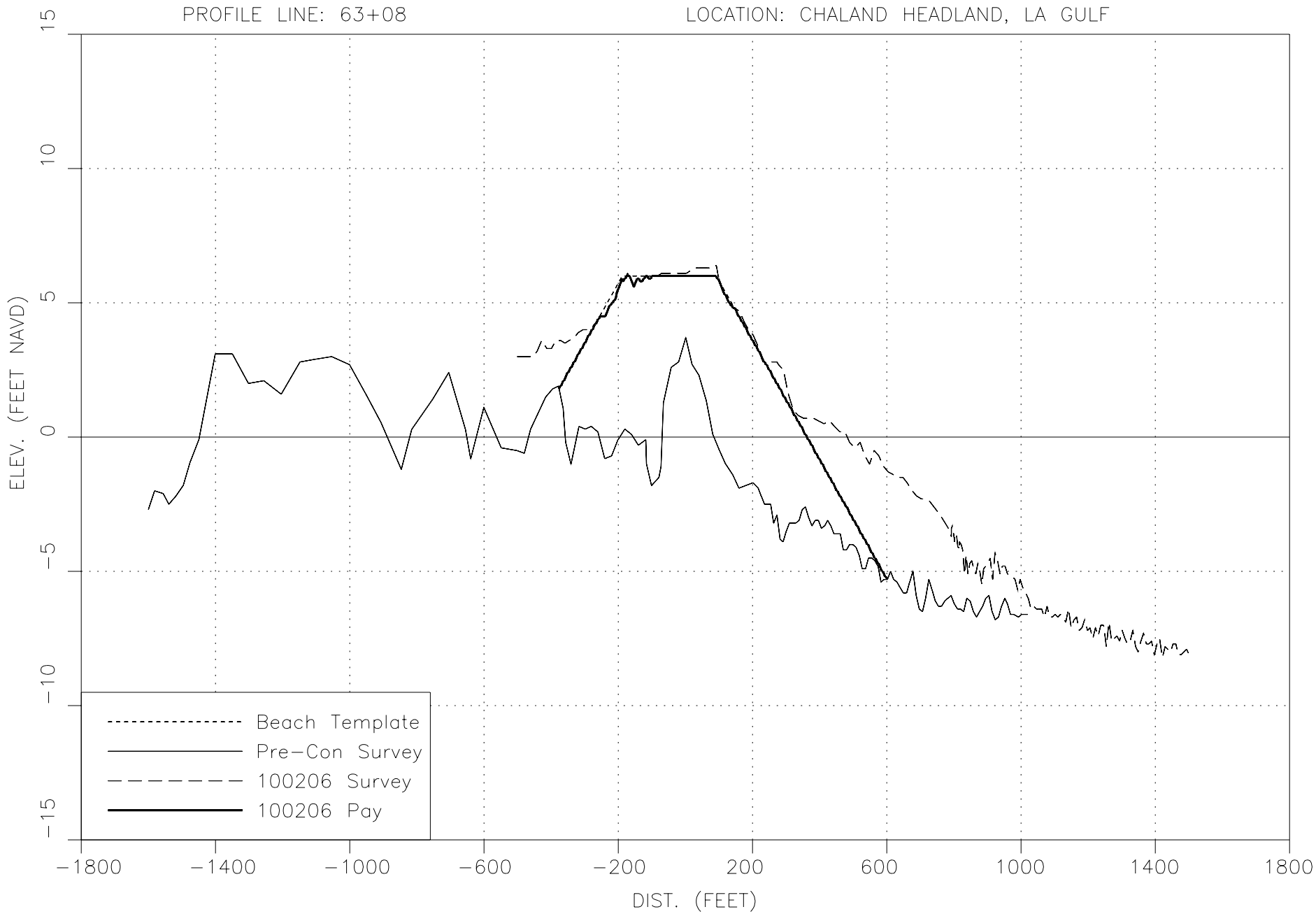
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 63+08
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ELEV. (FEET NAVD)
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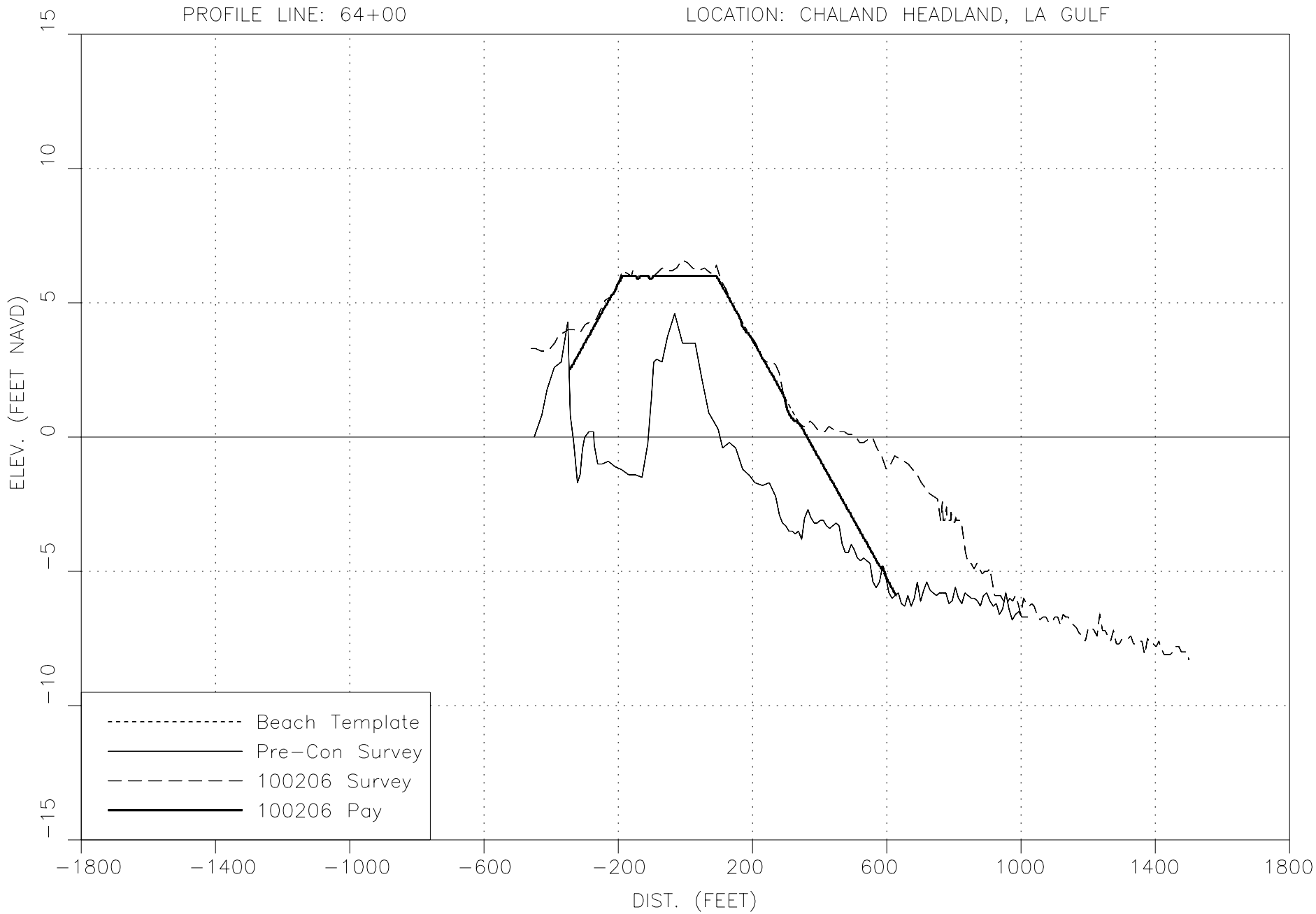
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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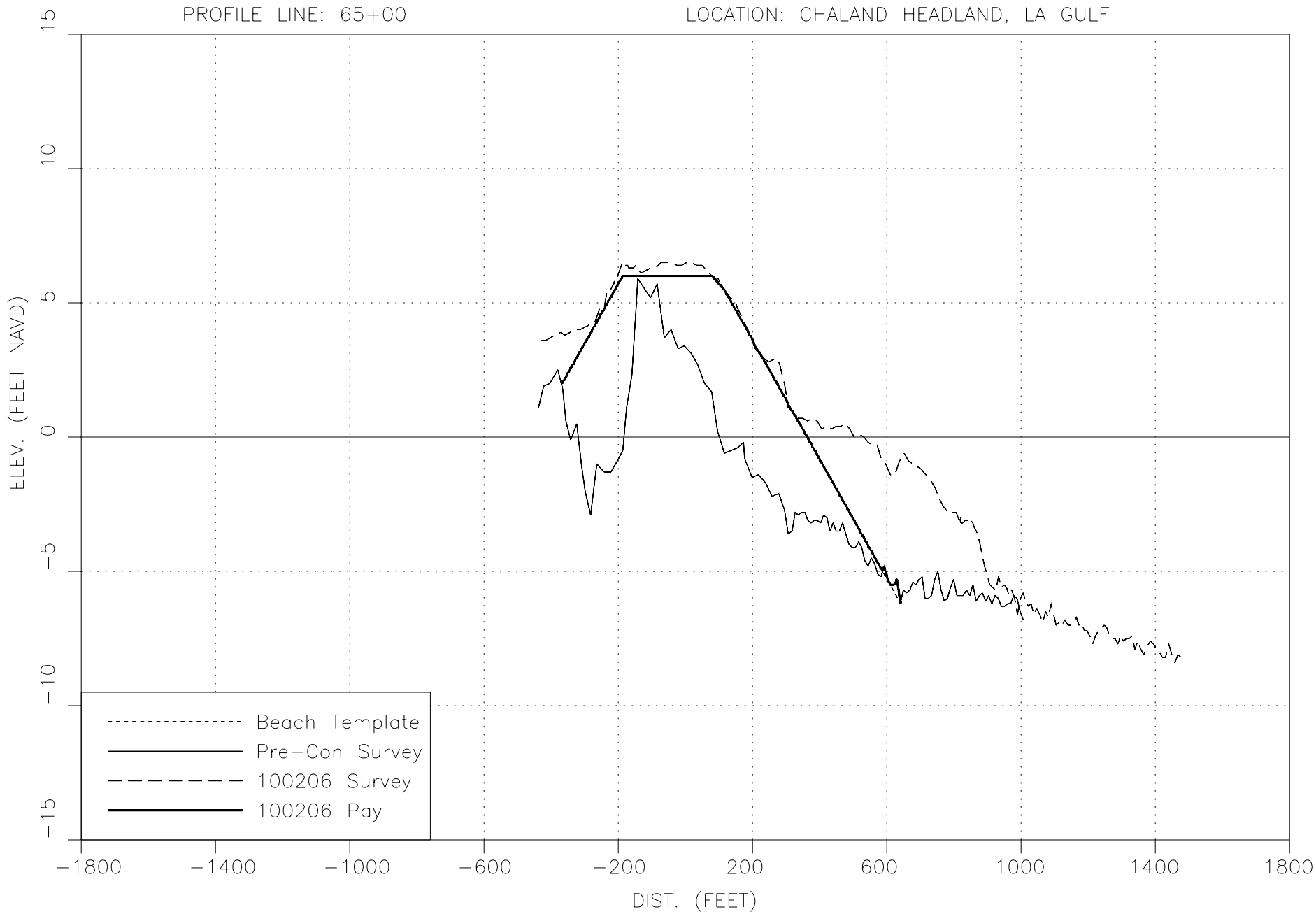
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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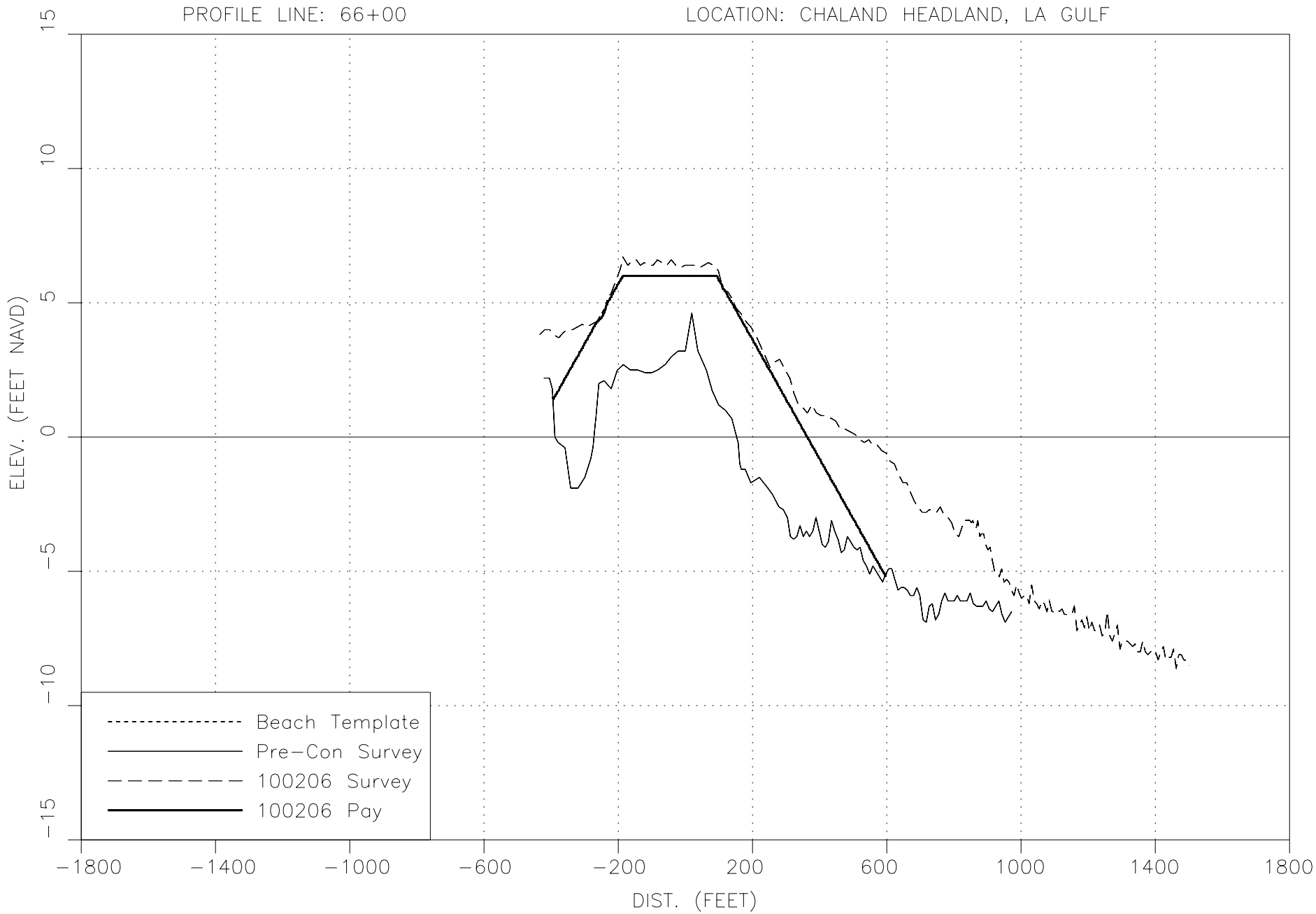
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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ELEV. (FEET NAVD)
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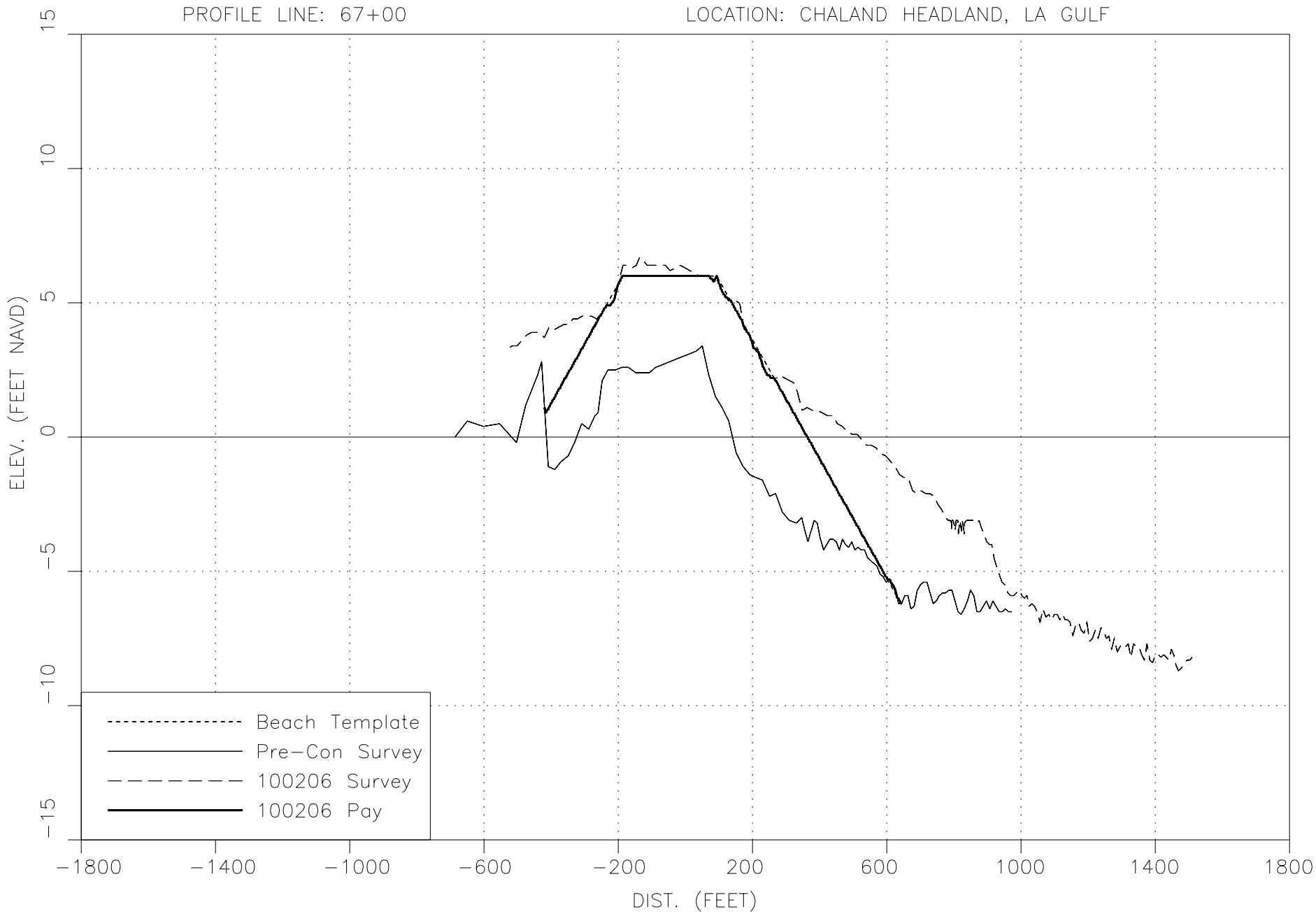
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay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LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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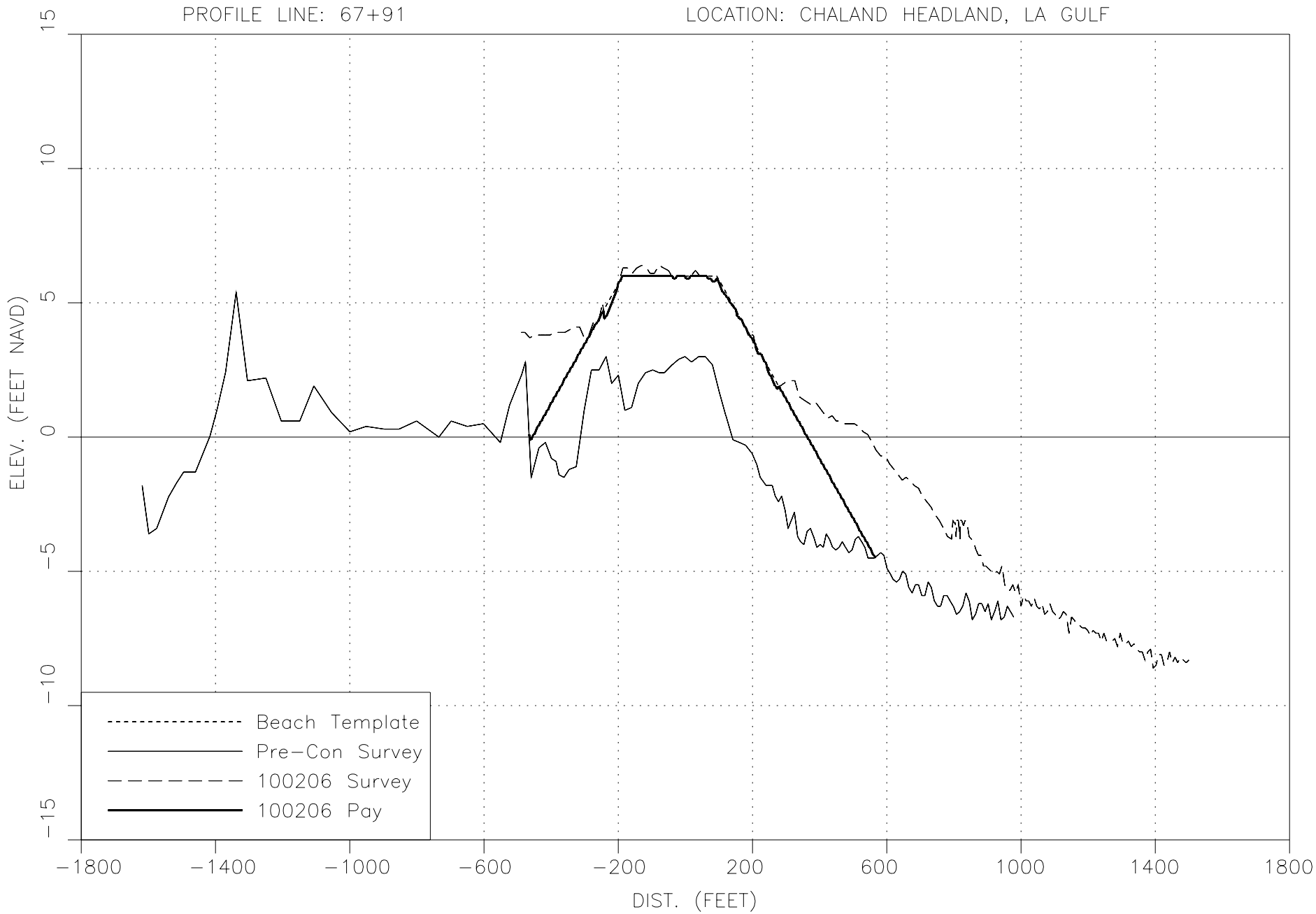
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 67+91
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ELEV. (FEET NAVD)
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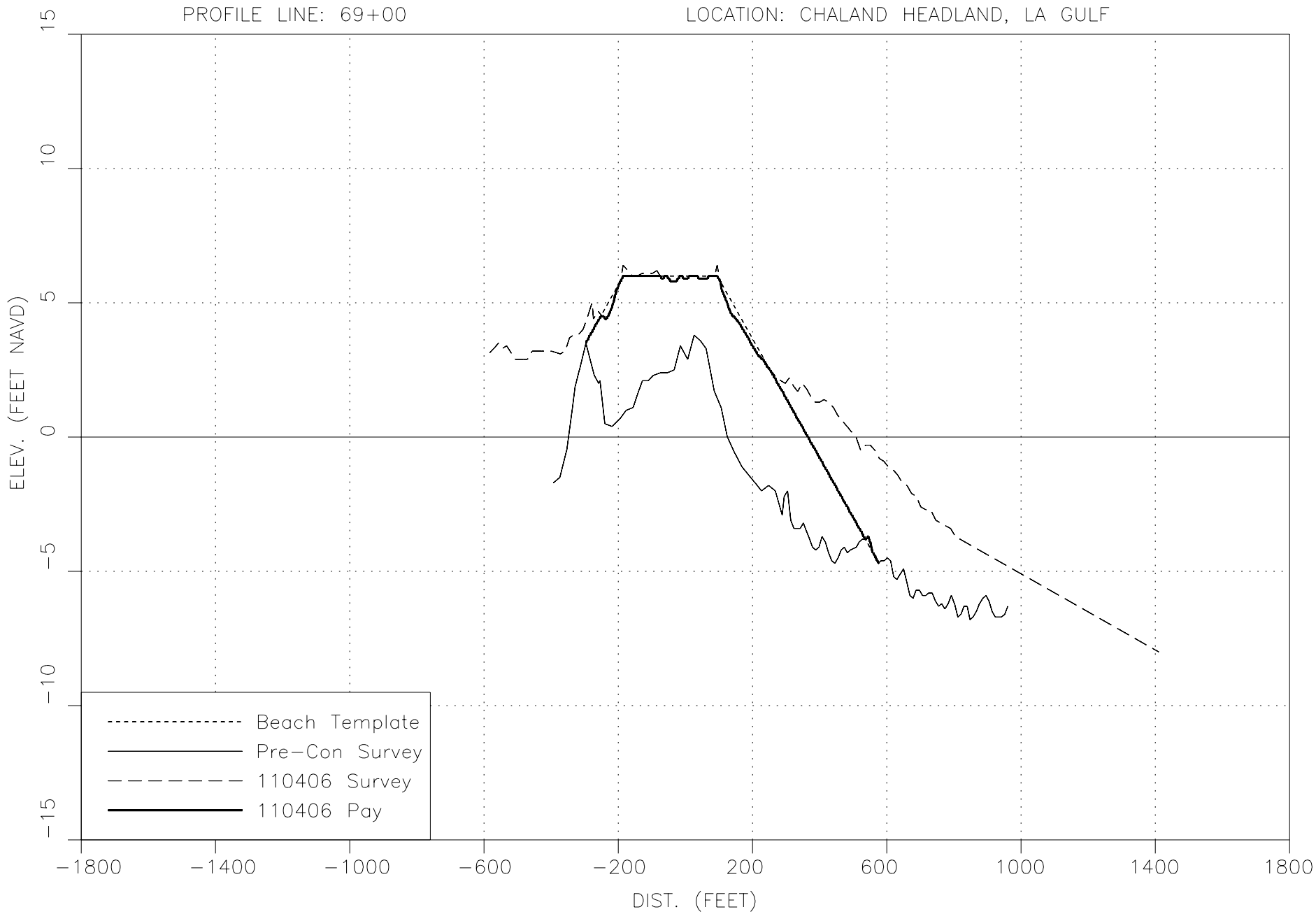
DIST. (FEET)
Beach Template
Pre−Con Survey
100206 Survey
100206 Pay


PROFILE LINE: 69+00
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ELEV. (FEET NAVD)
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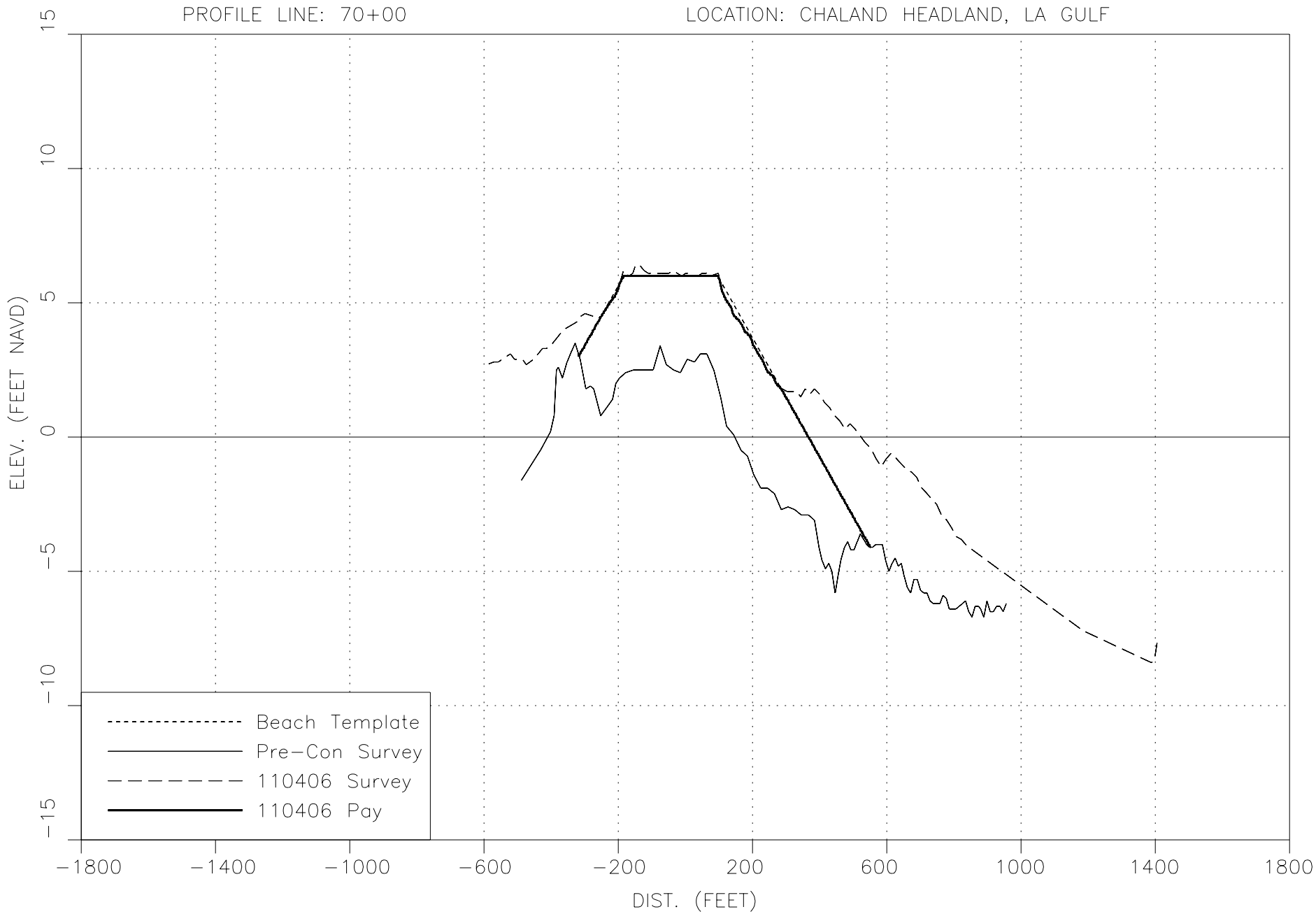
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay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ELEV. (FEET NAVD)
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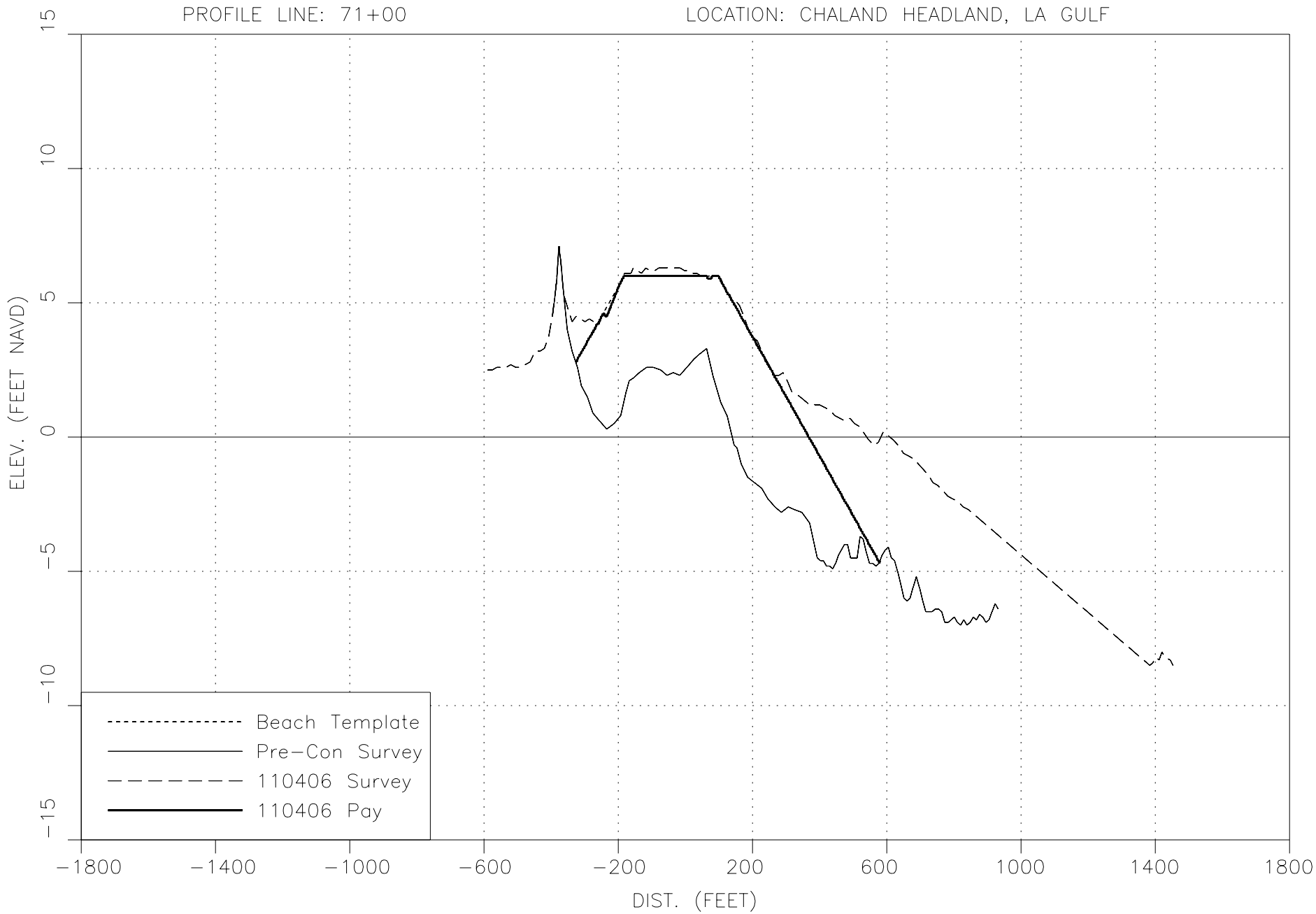
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay


PROFILE LINE: 71+00
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ELEV. (FEET NAVD)
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DIST. (FEET)
Beach Template
Pre−Con Survey
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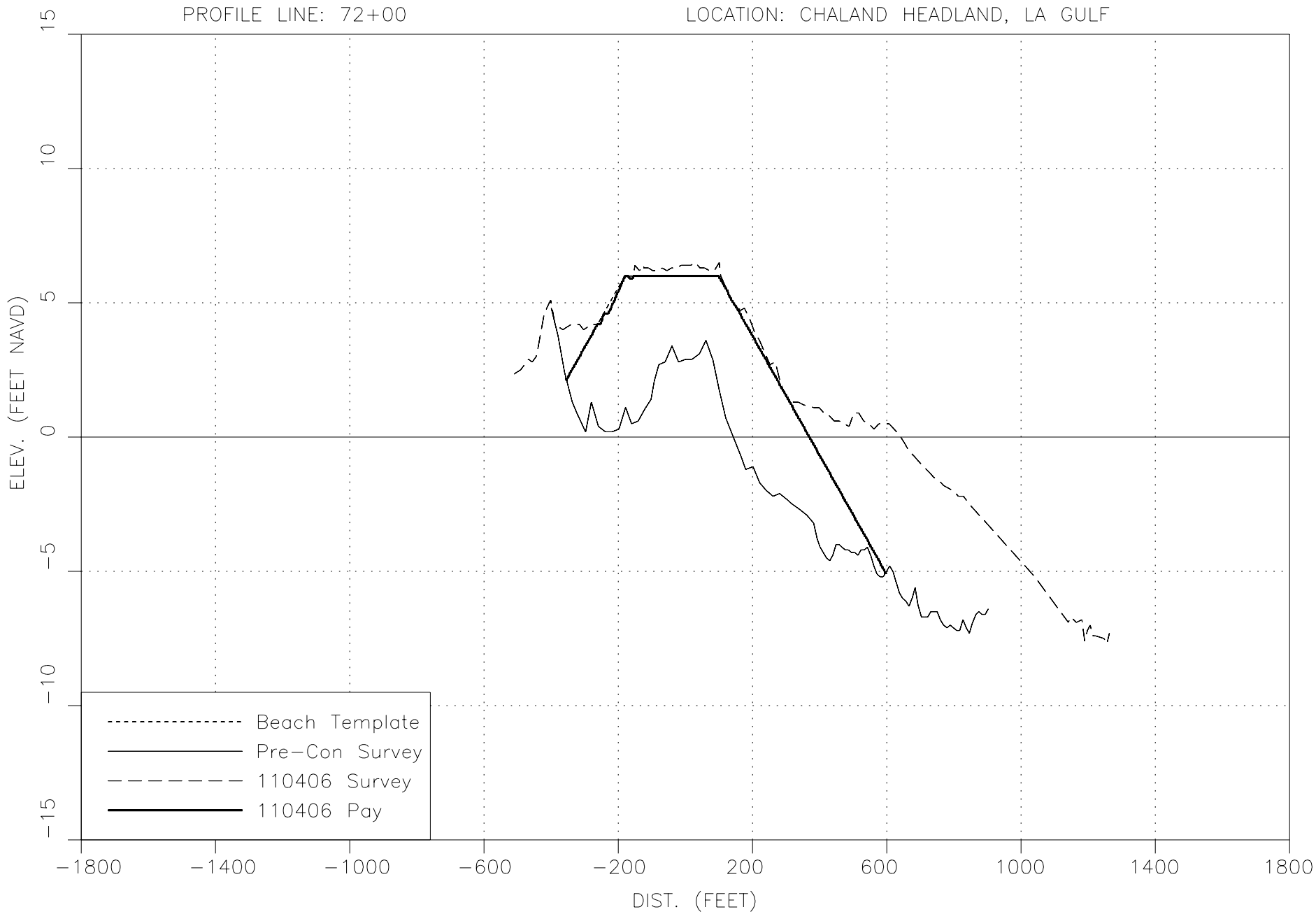
PROFILE LINE: 72+00
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ELEV. (FEET NAVD)
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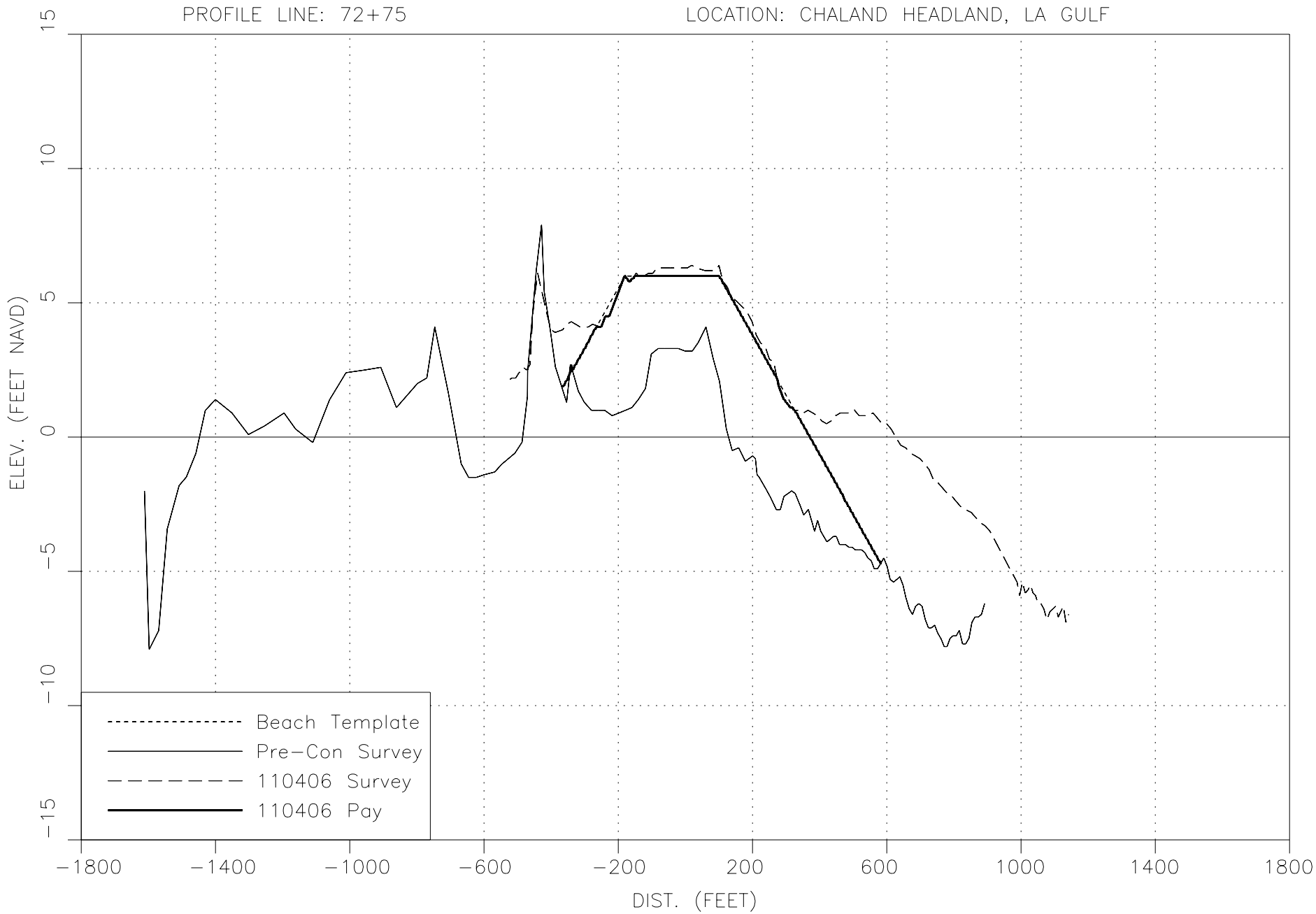
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay


PROFILE LINE: 72+75
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ELEV. (FEET NAVD)
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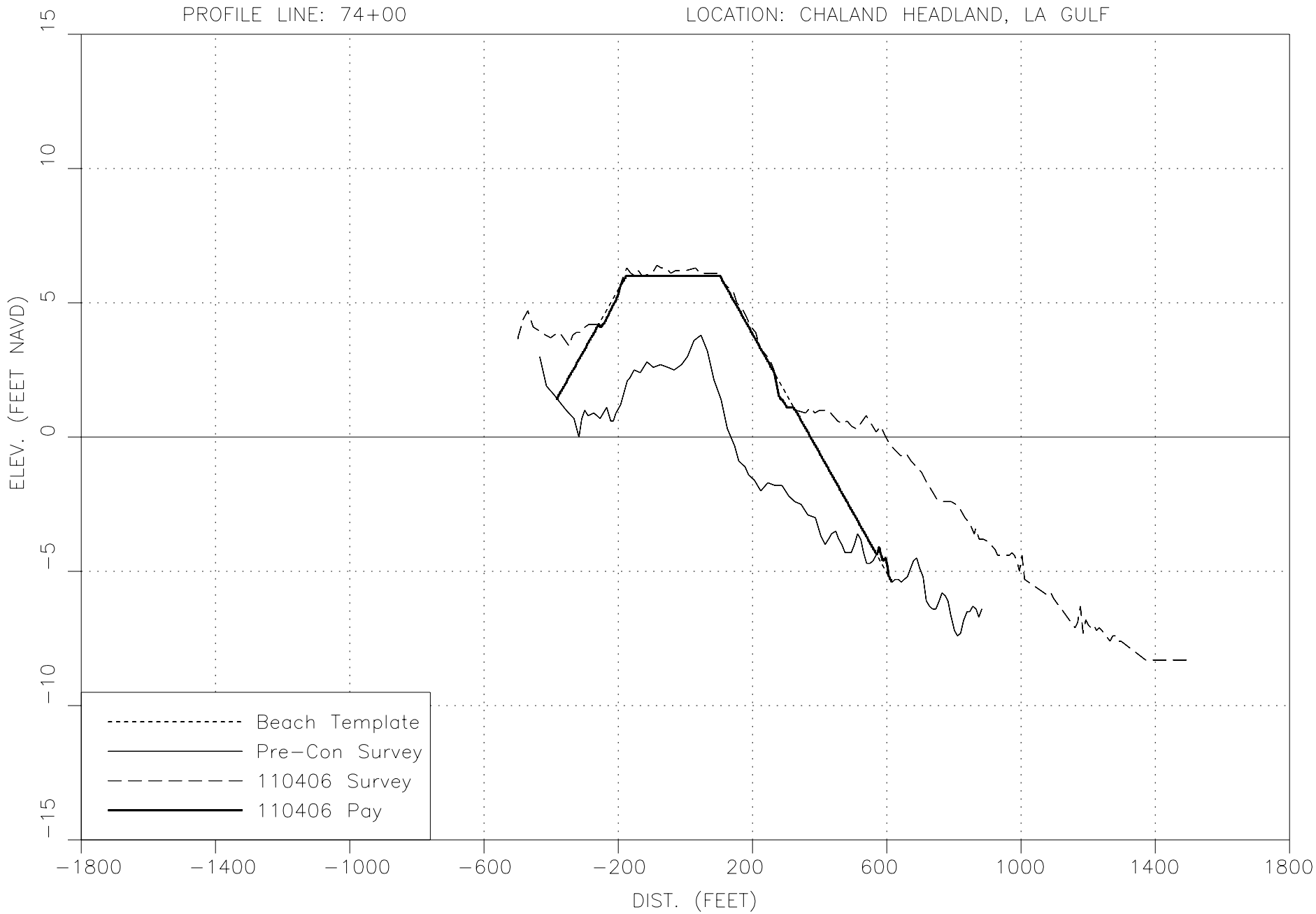
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay


PROFILE LINE: 74+00
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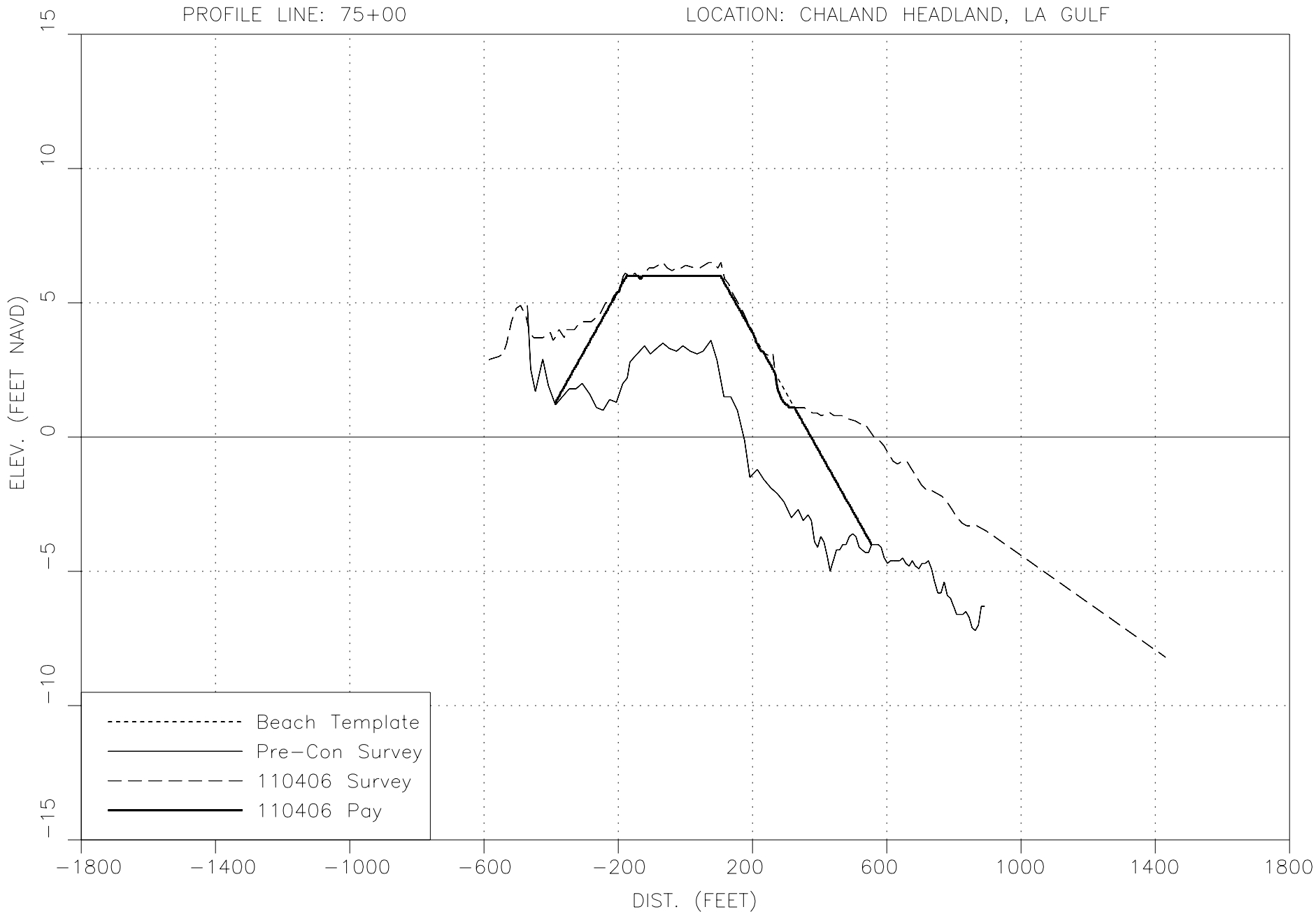
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay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LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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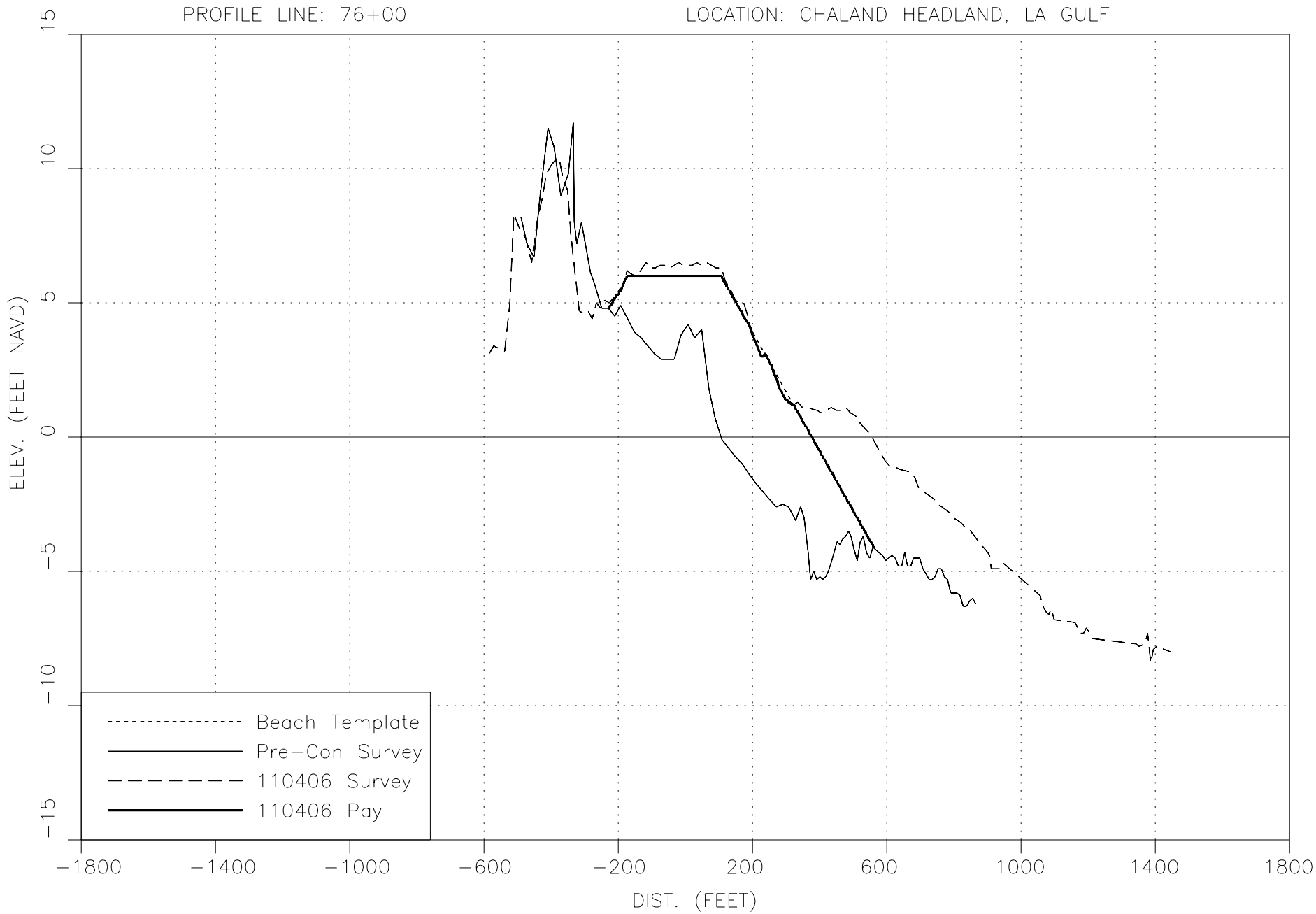
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay


PROFILE LINE: 76+00
LOCATION: CHALAND HEADLAND, LA GULF
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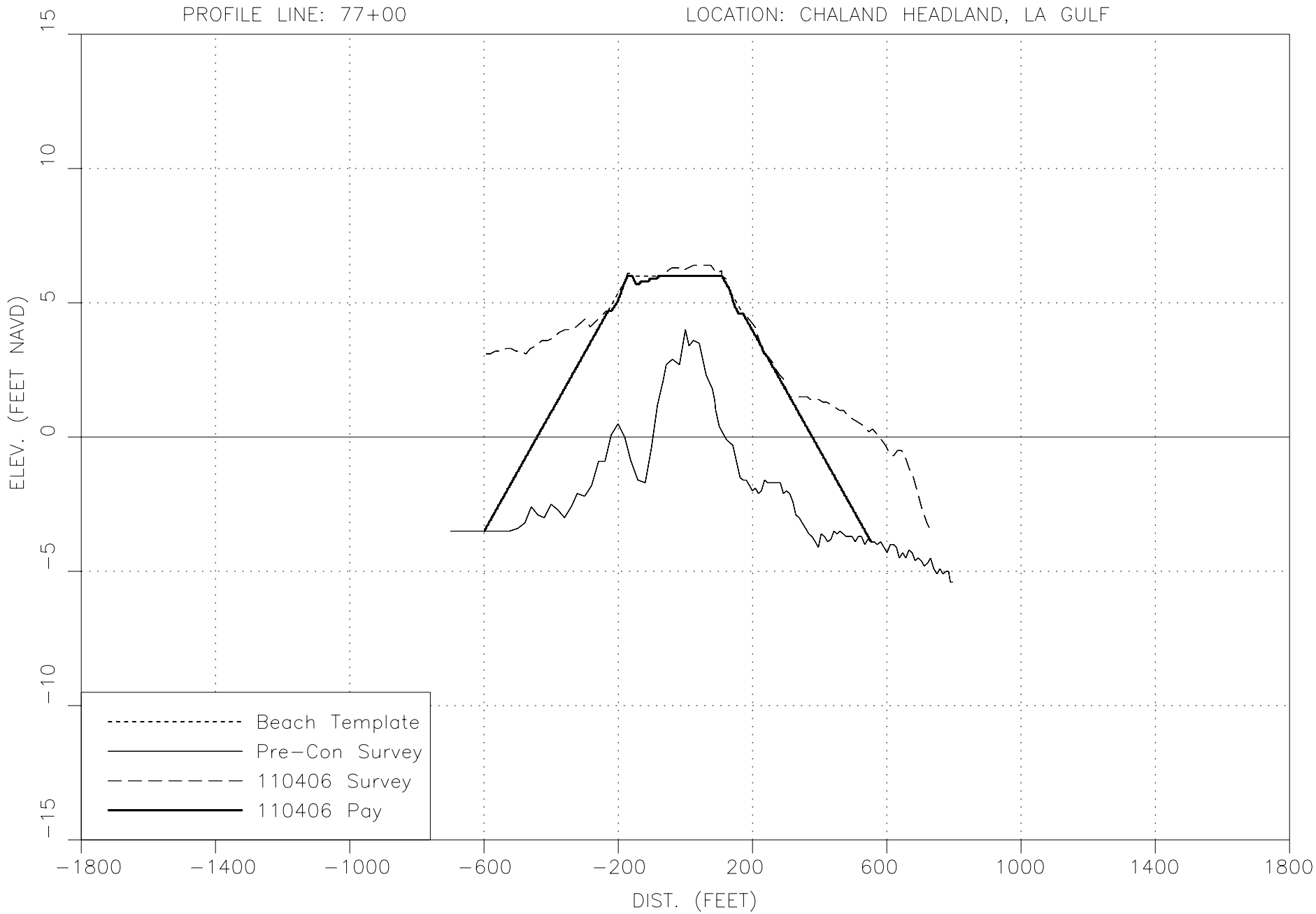
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay


PROFILE LINE: 77+00
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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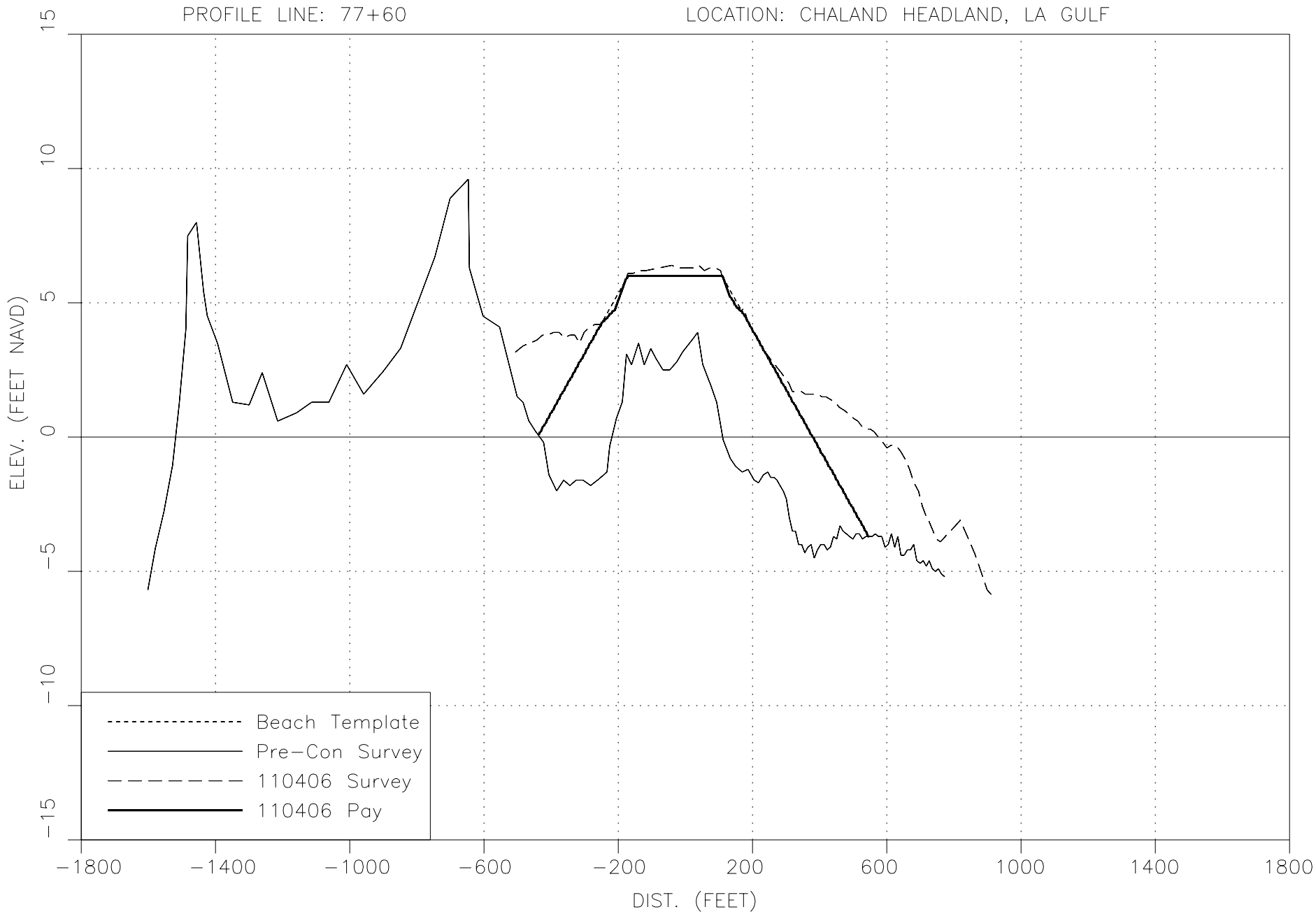
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay


PROFILE LINE: 77+60
LOCATION: CHALAND HEADLAND, LA GULF
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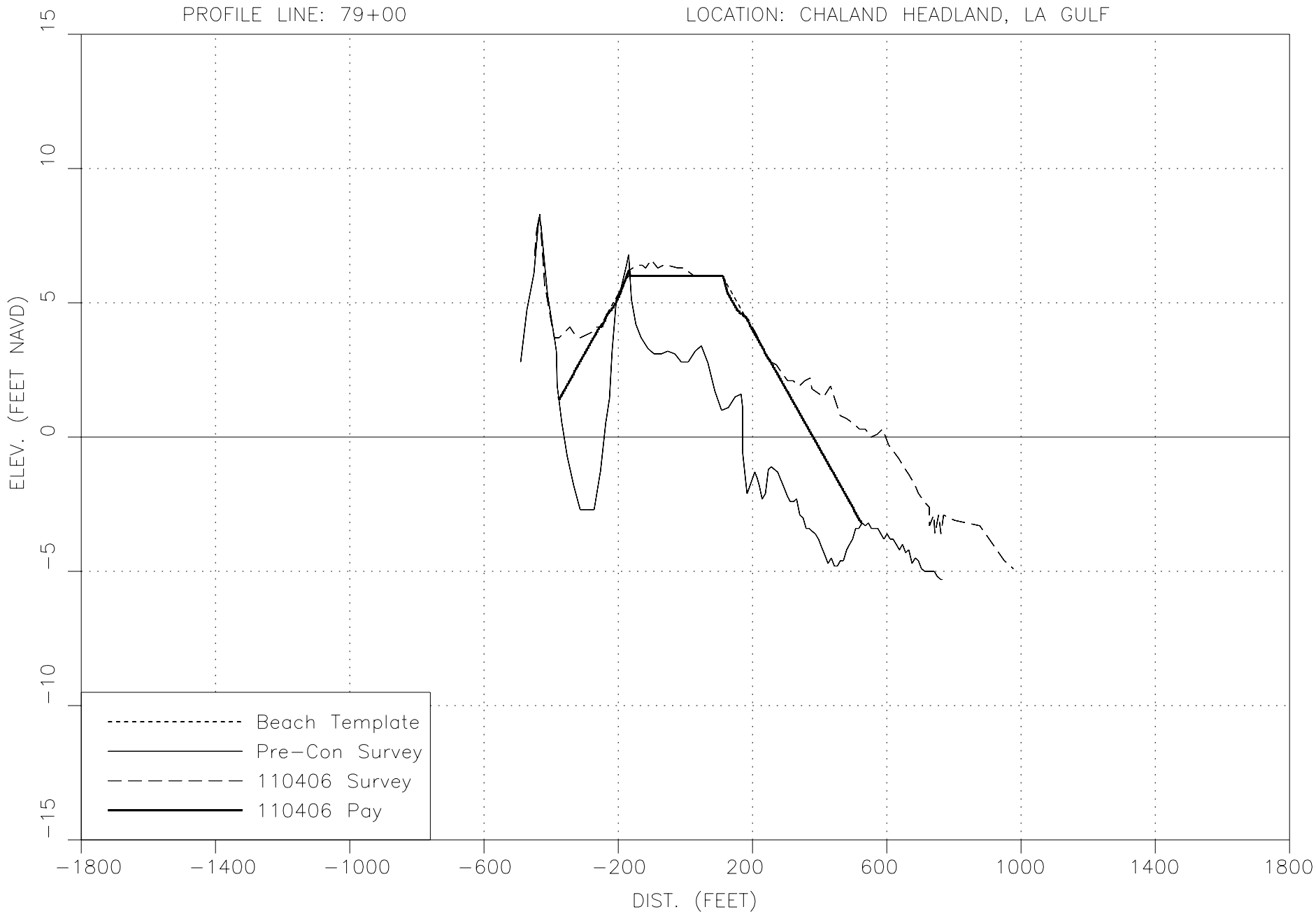
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay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ELEV. (FEET NAVD)
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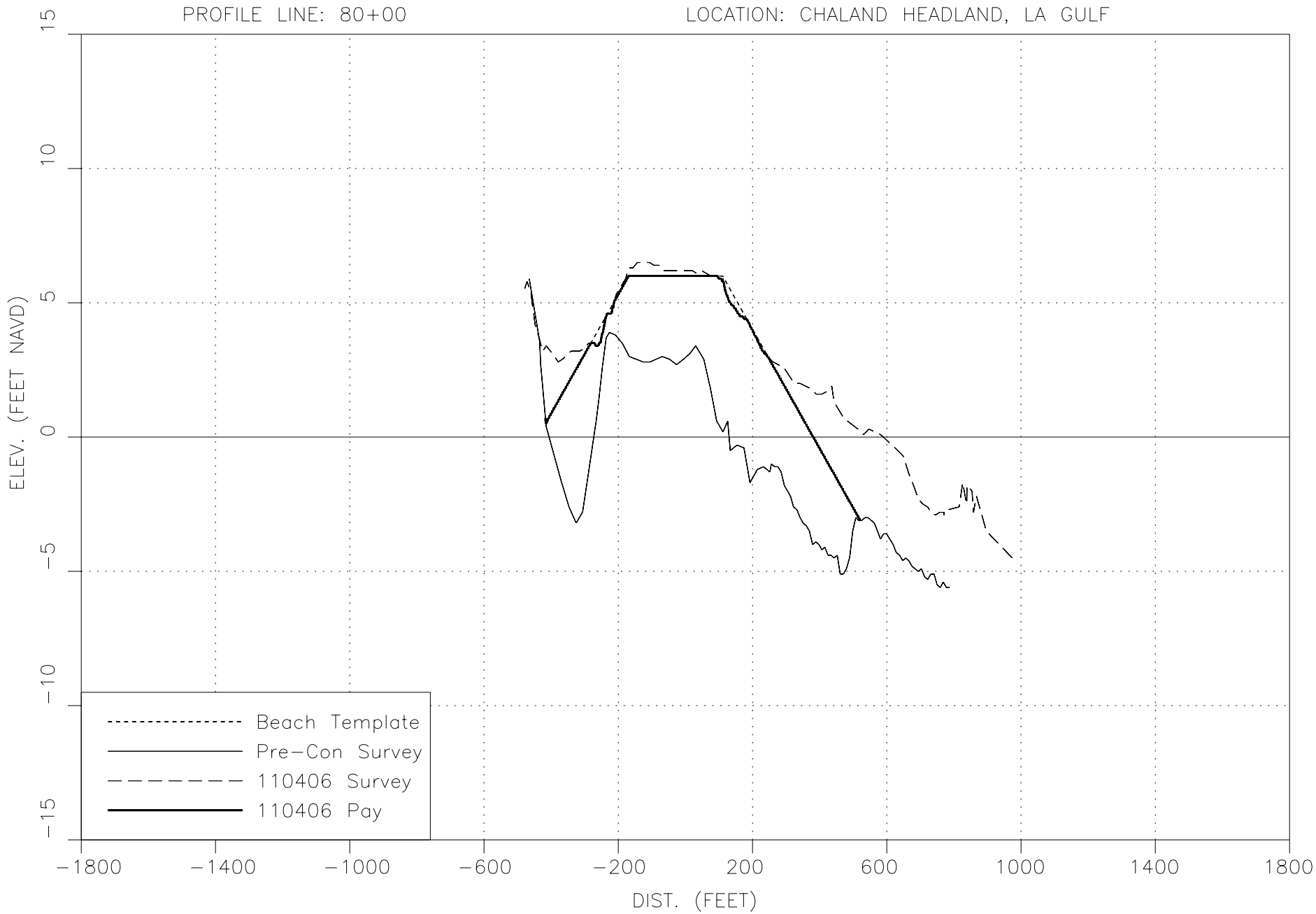
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay


PROFILE LINE: 80+00
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ELEV. (FEET NAVD)
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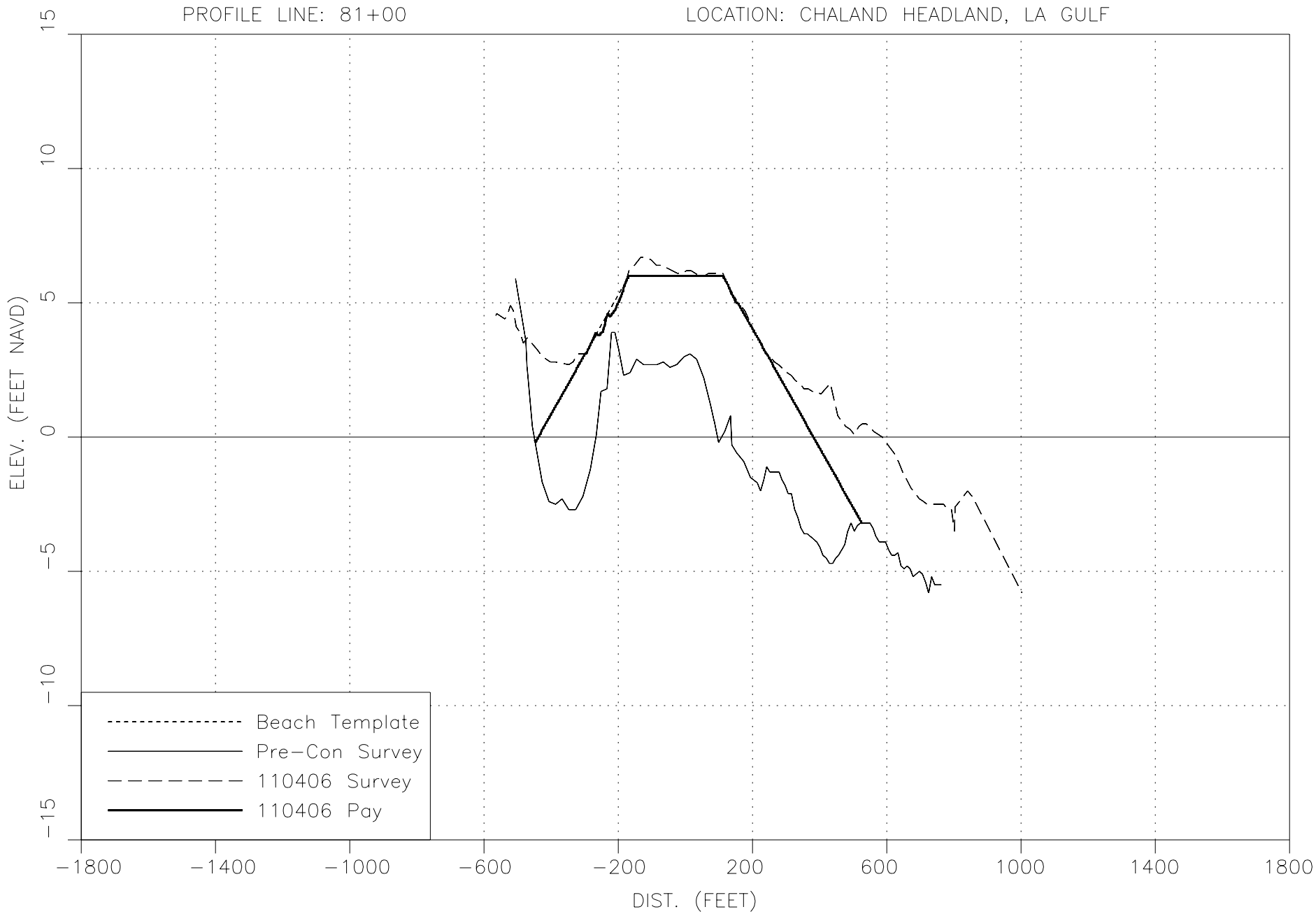
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay


PROFILE LINE: 81+00
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ELEV. (FEET NAVD)
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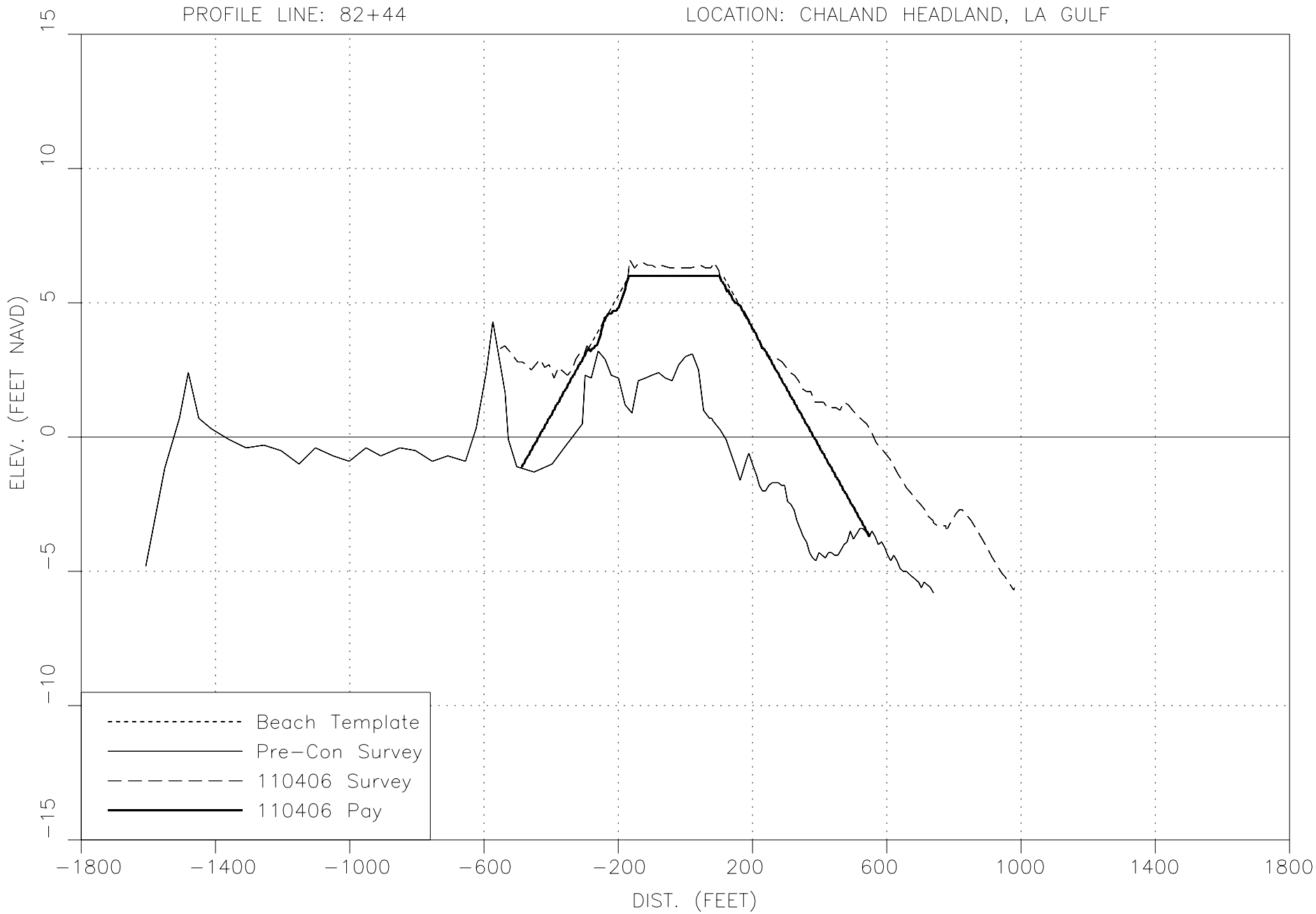
DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay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Pre−Con Survey
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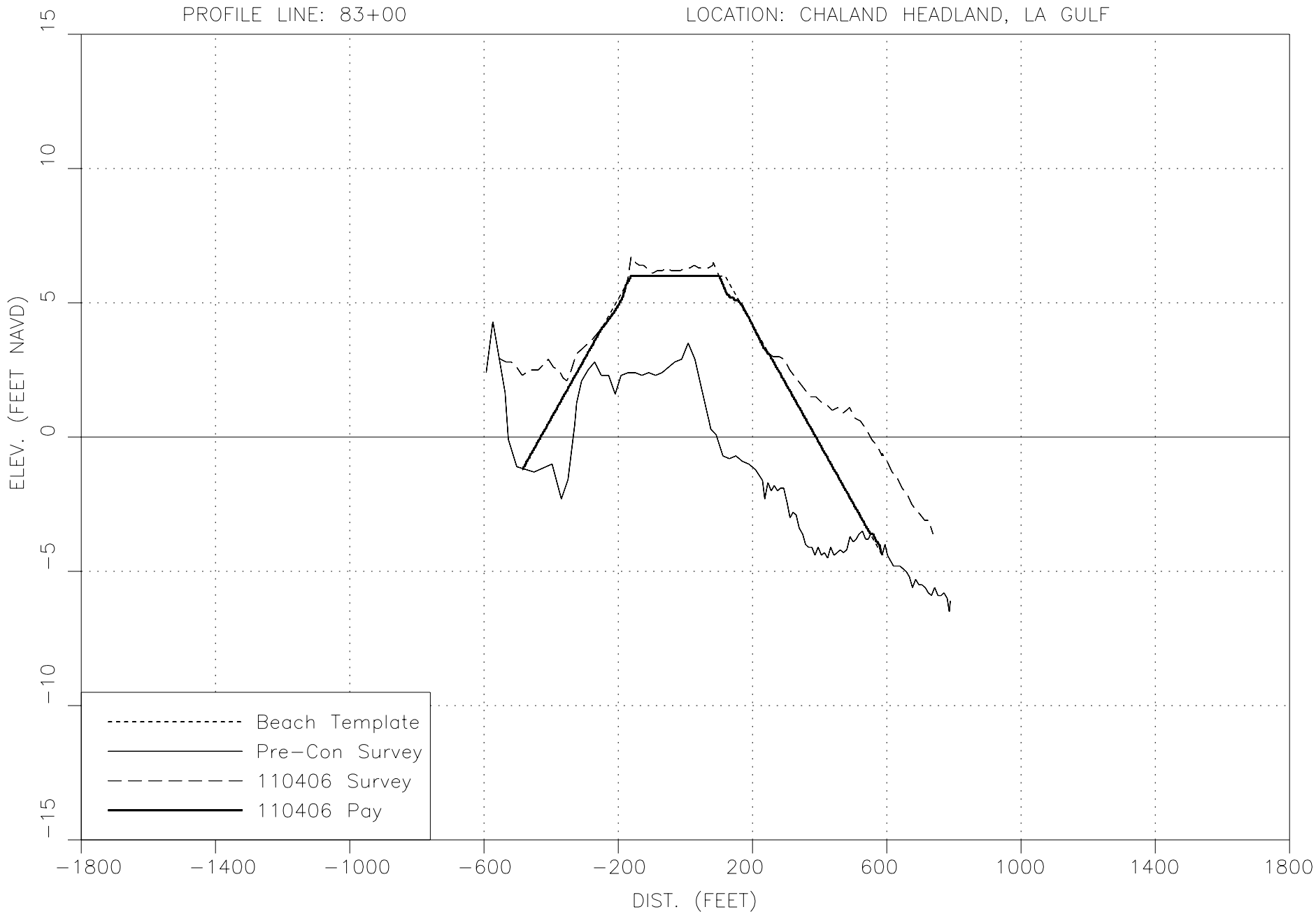
110406 Pay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ELEV. (FEET NAVD)
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Pre−Con Survey
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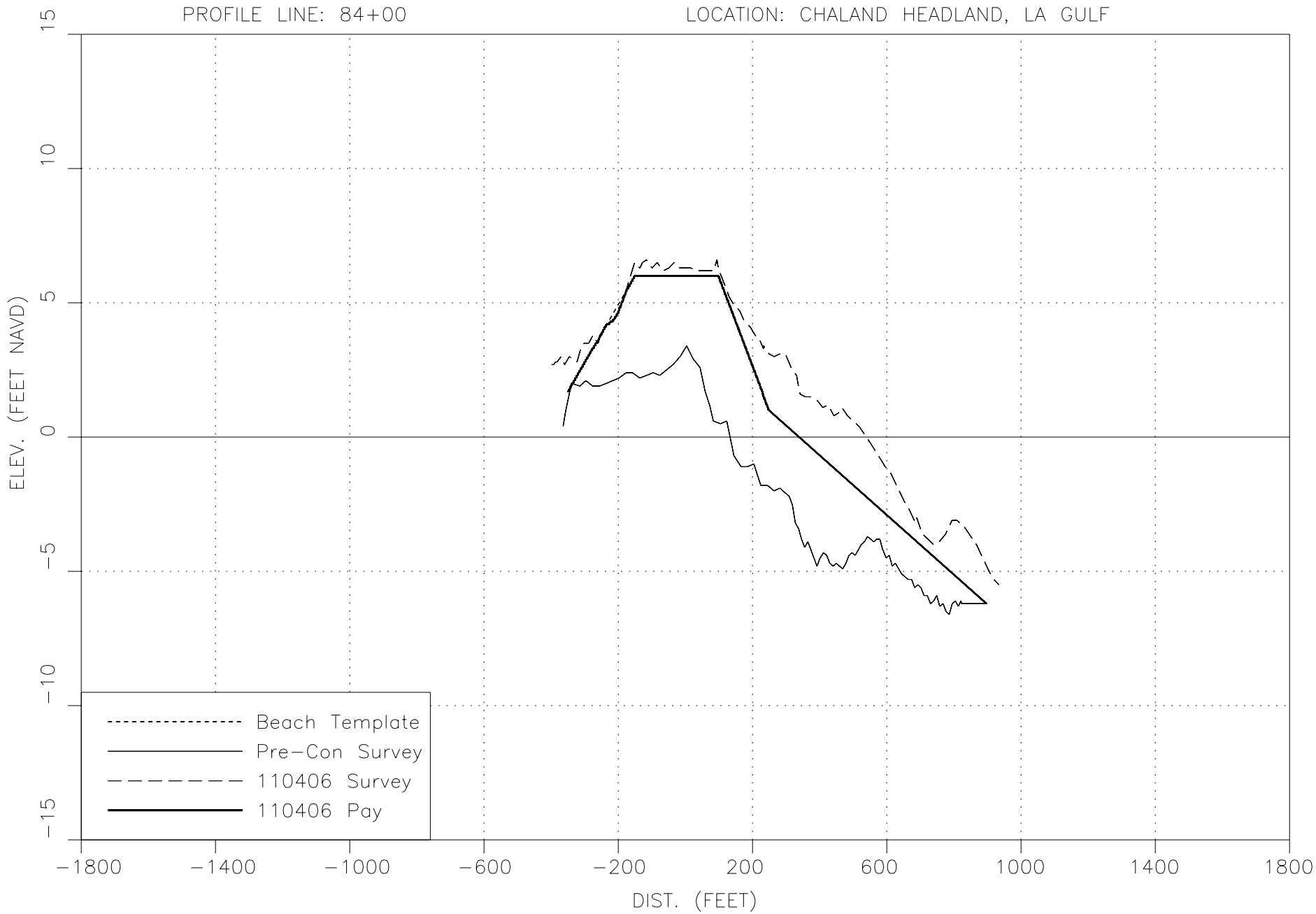
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Beach Template
Pre−Con Survey
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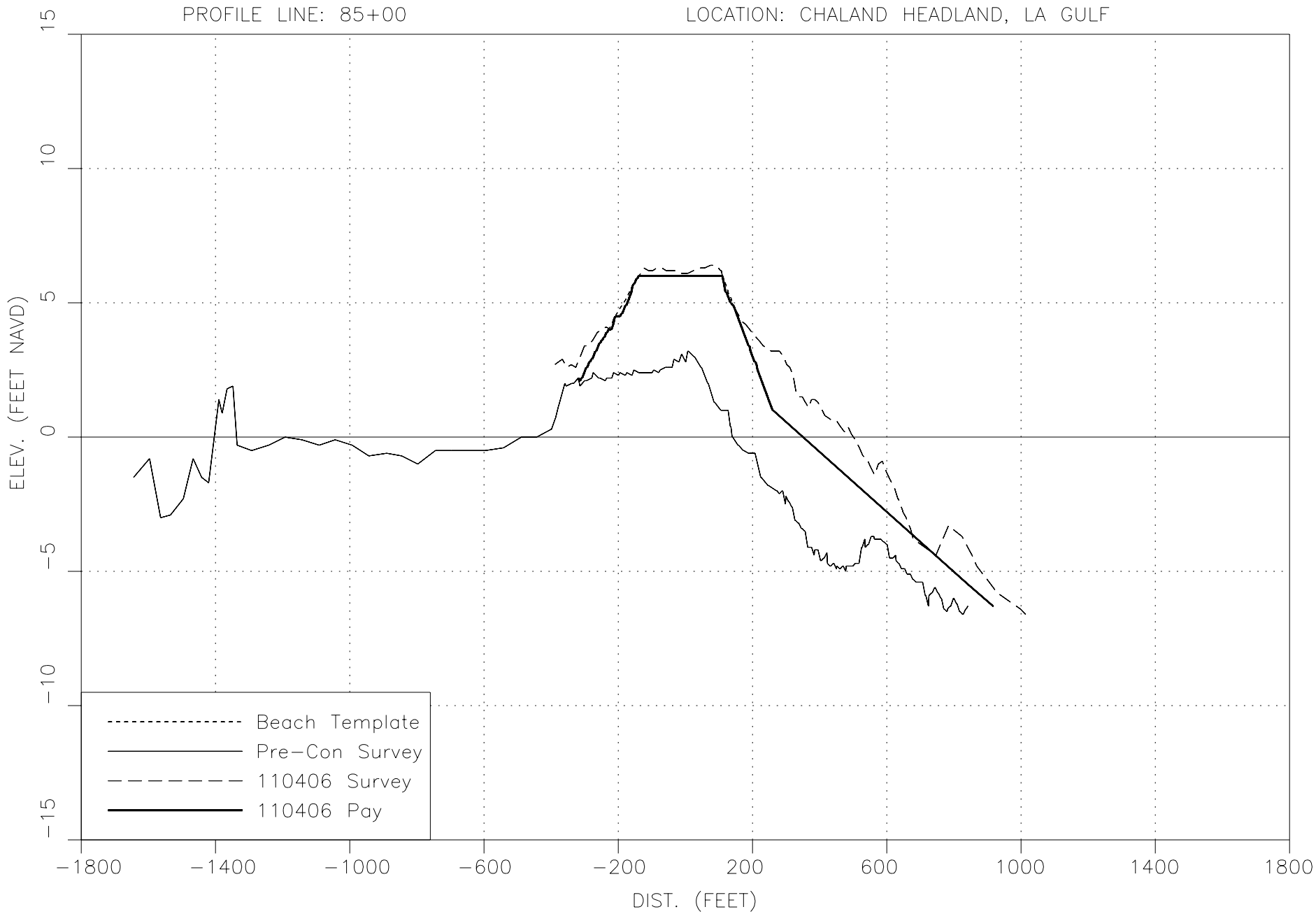
110406 Pay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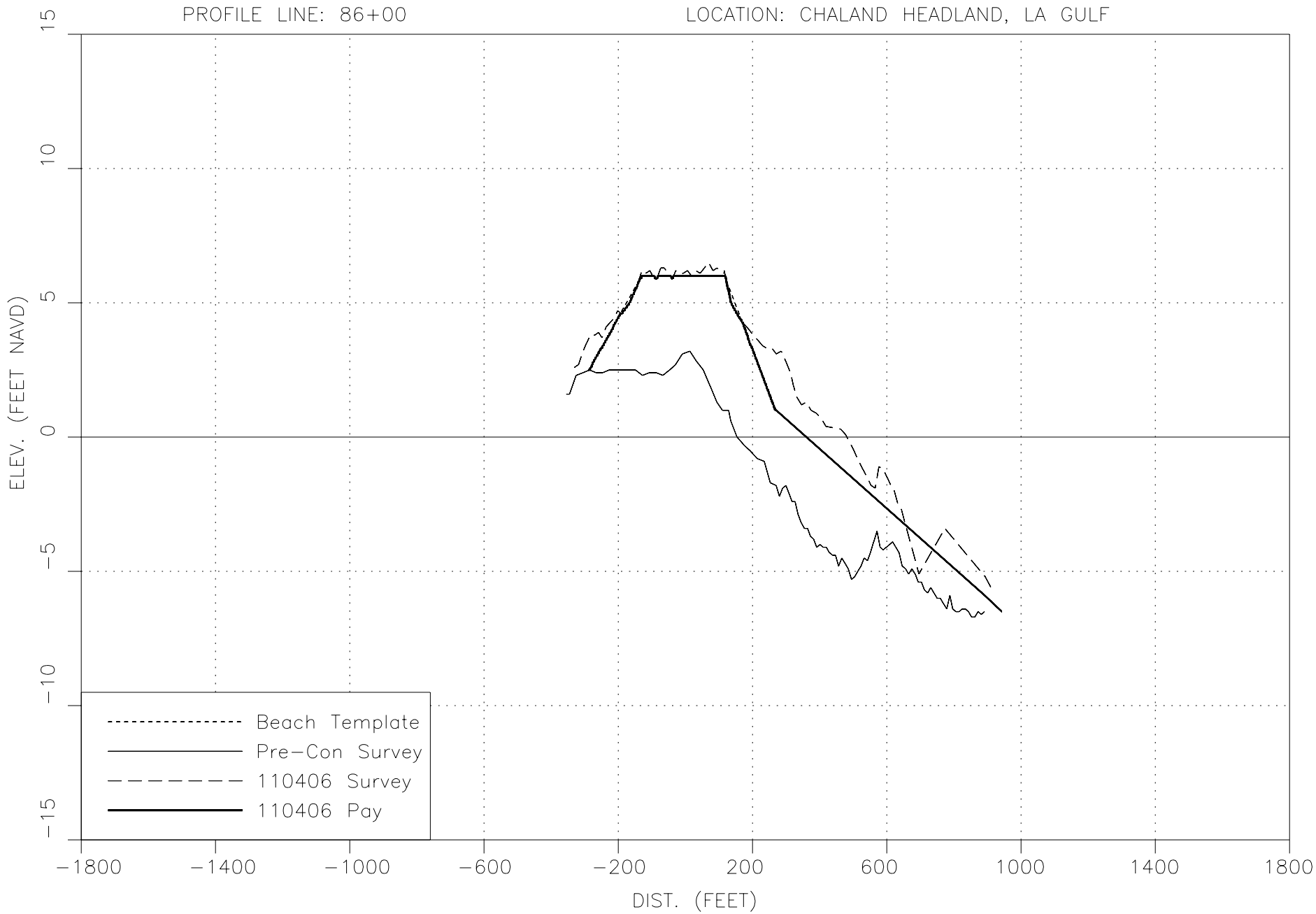
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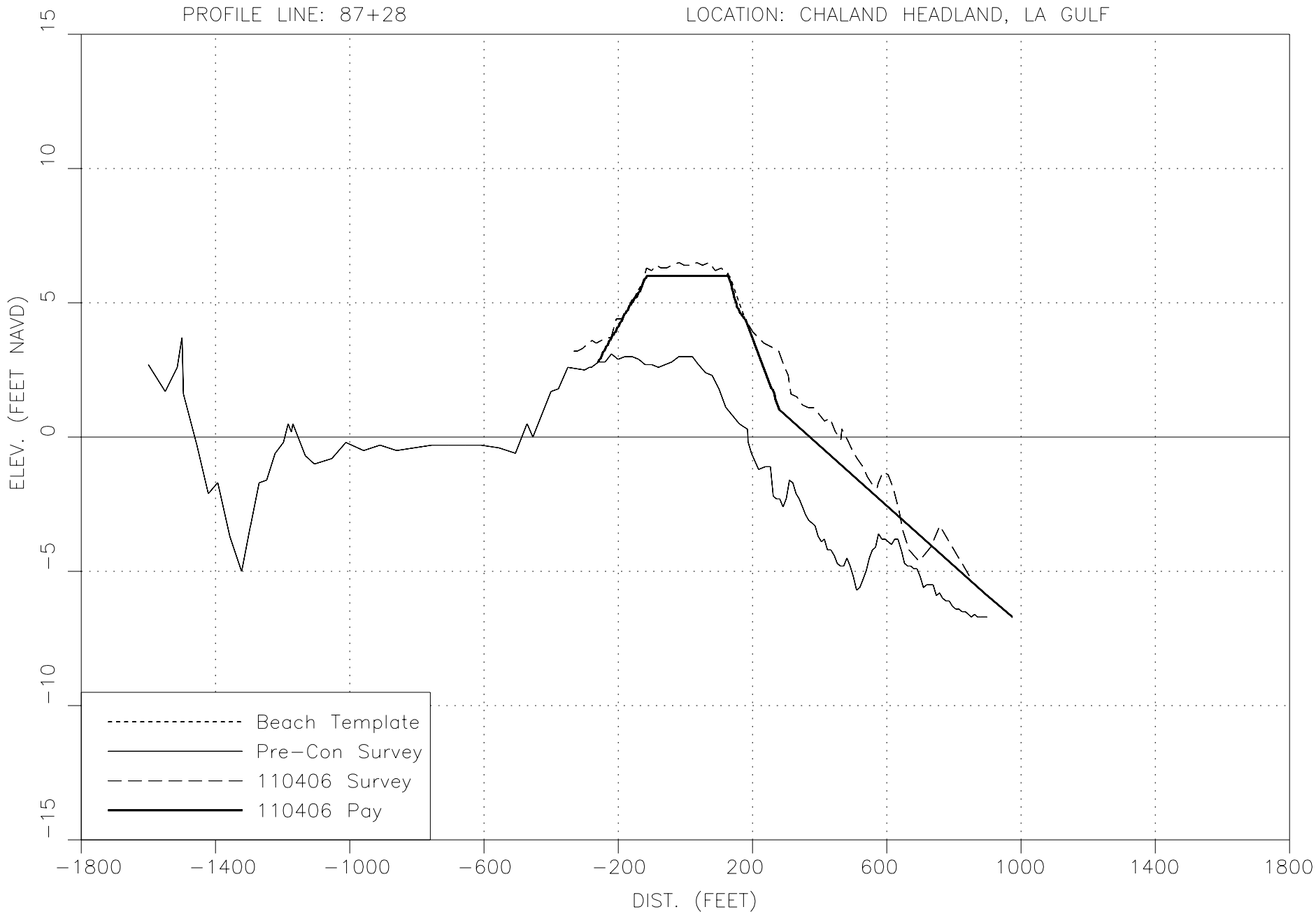
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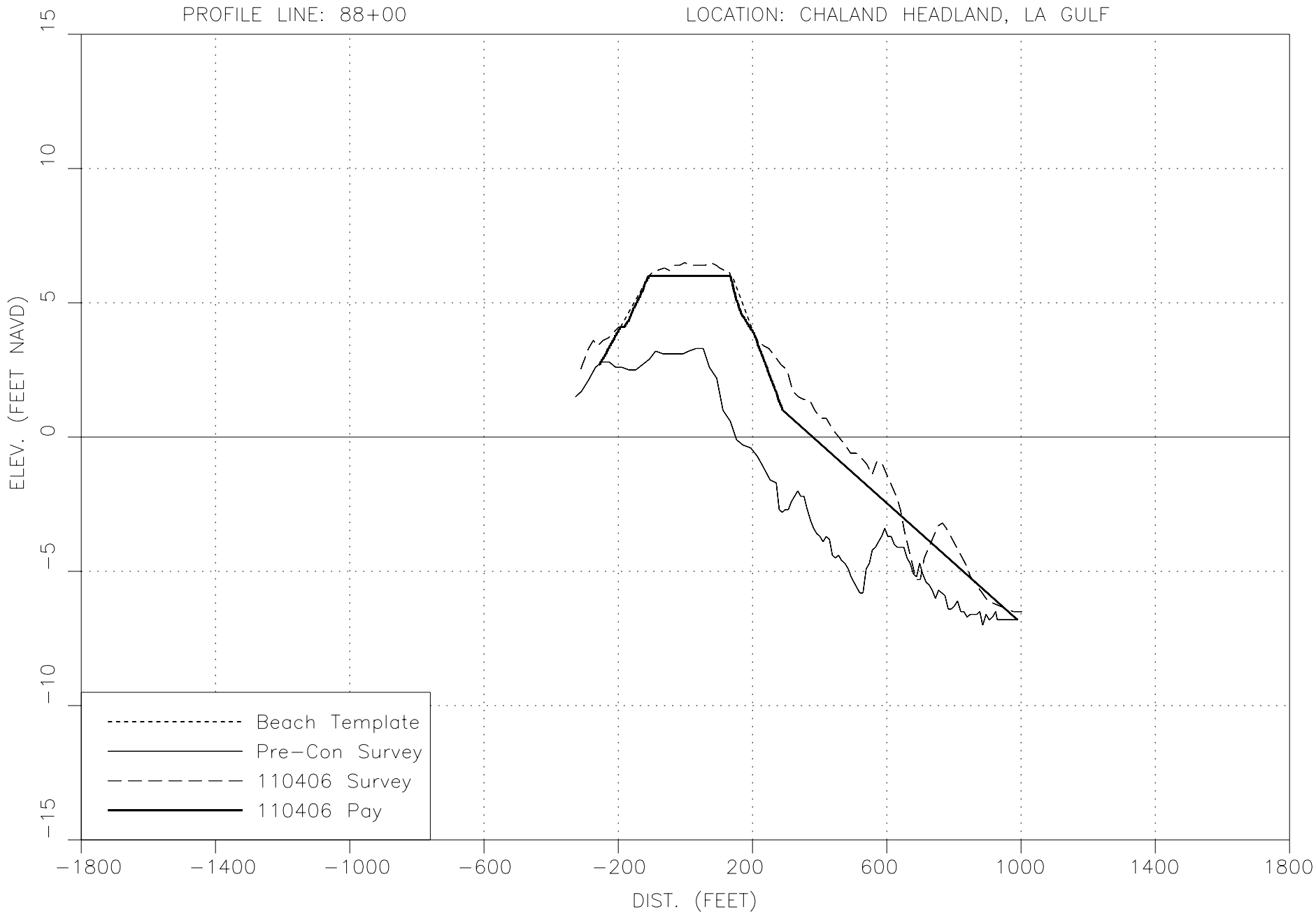
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Beach Template
Pre−Con Survey
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110406 Pay

PROFILE LINE: 89+00
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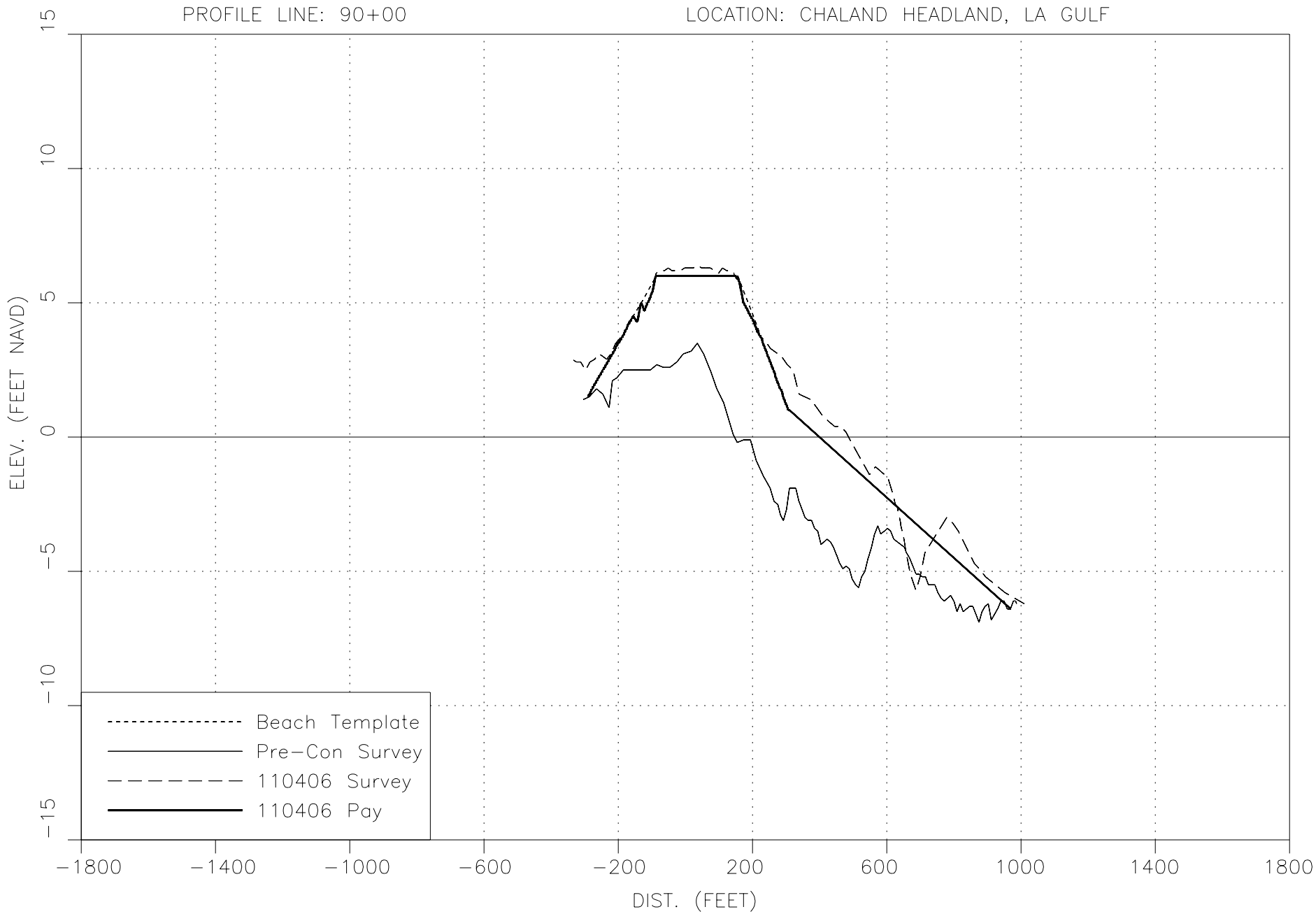
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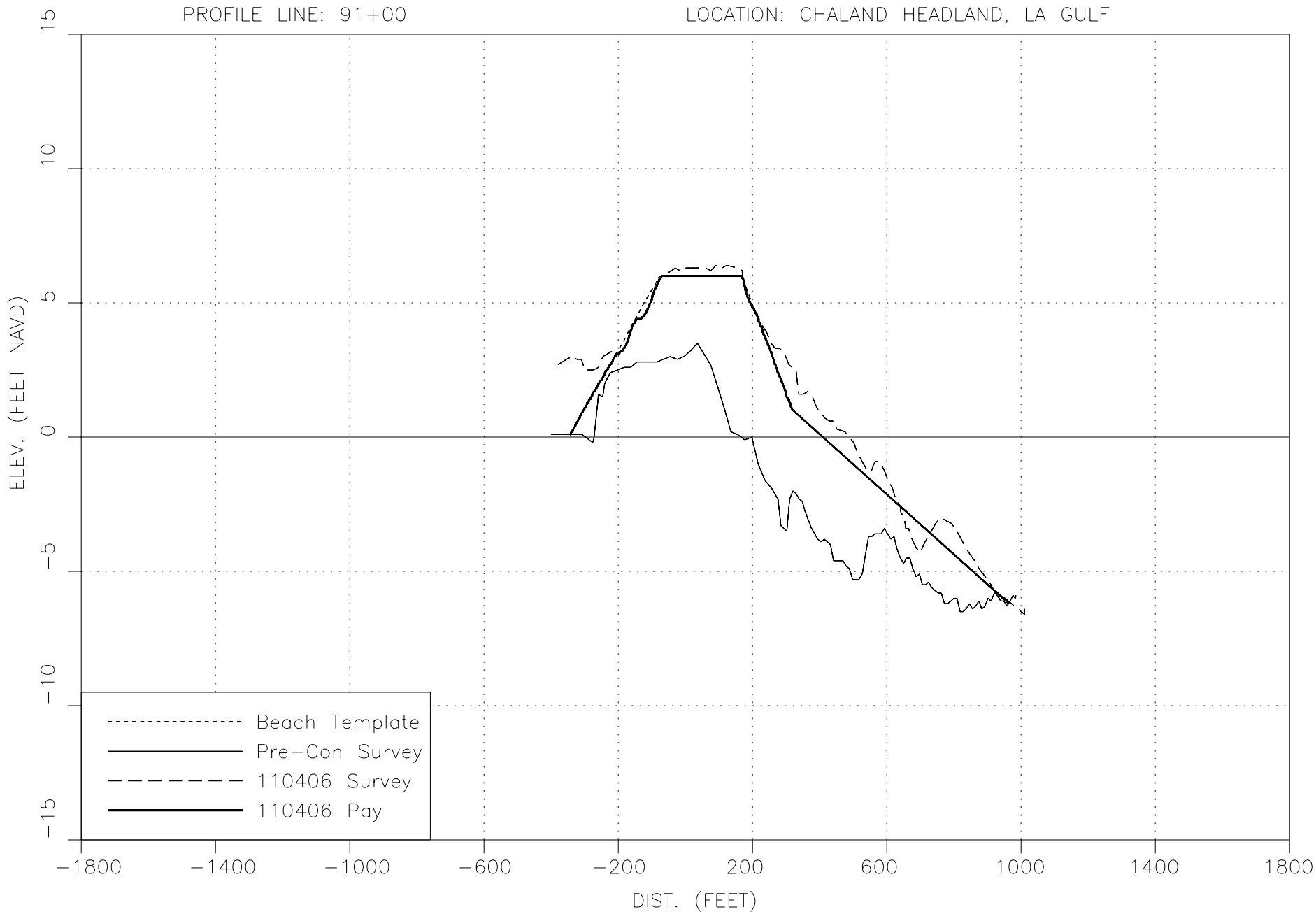
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DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
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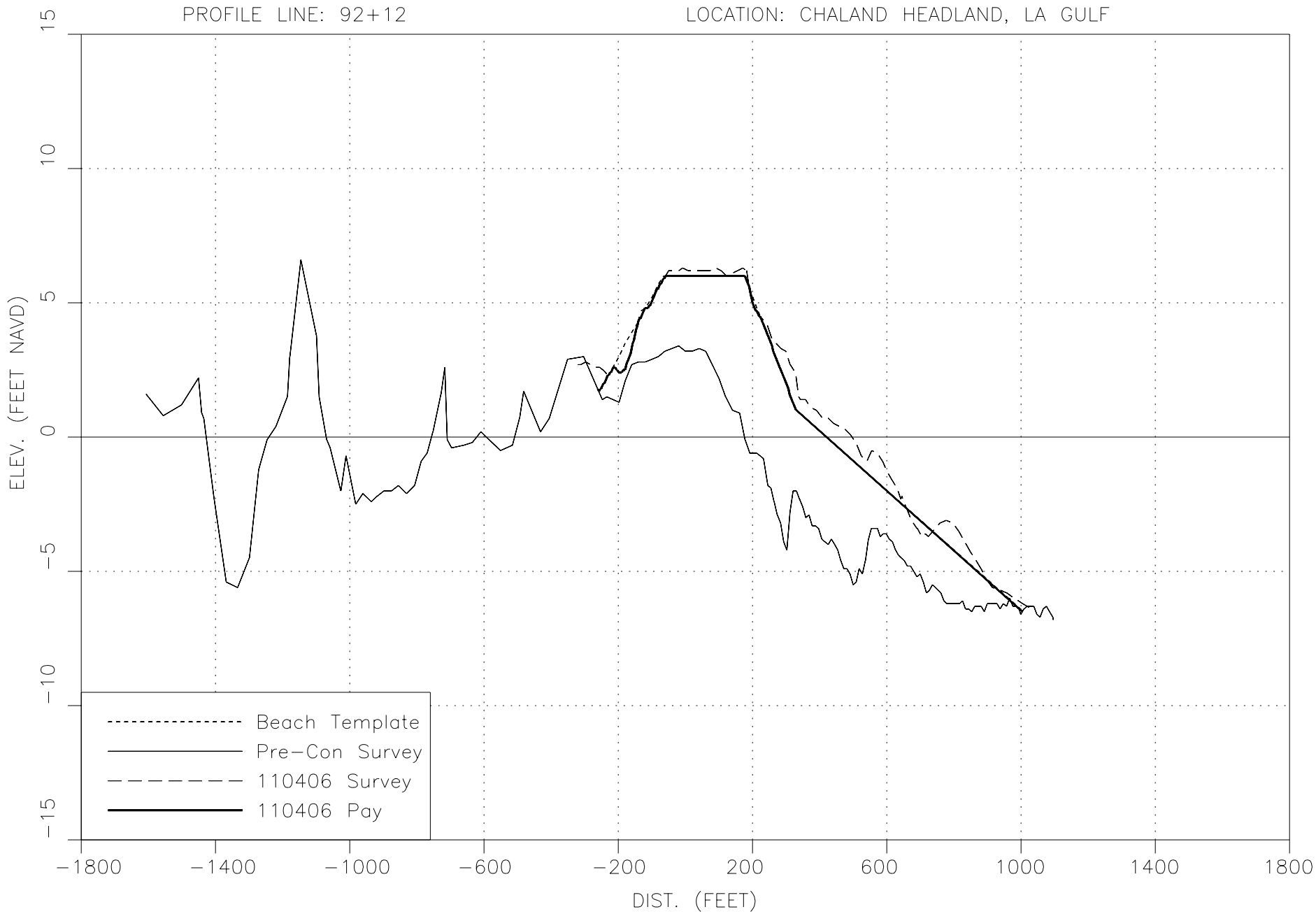
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Beach Template
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110406 Survey
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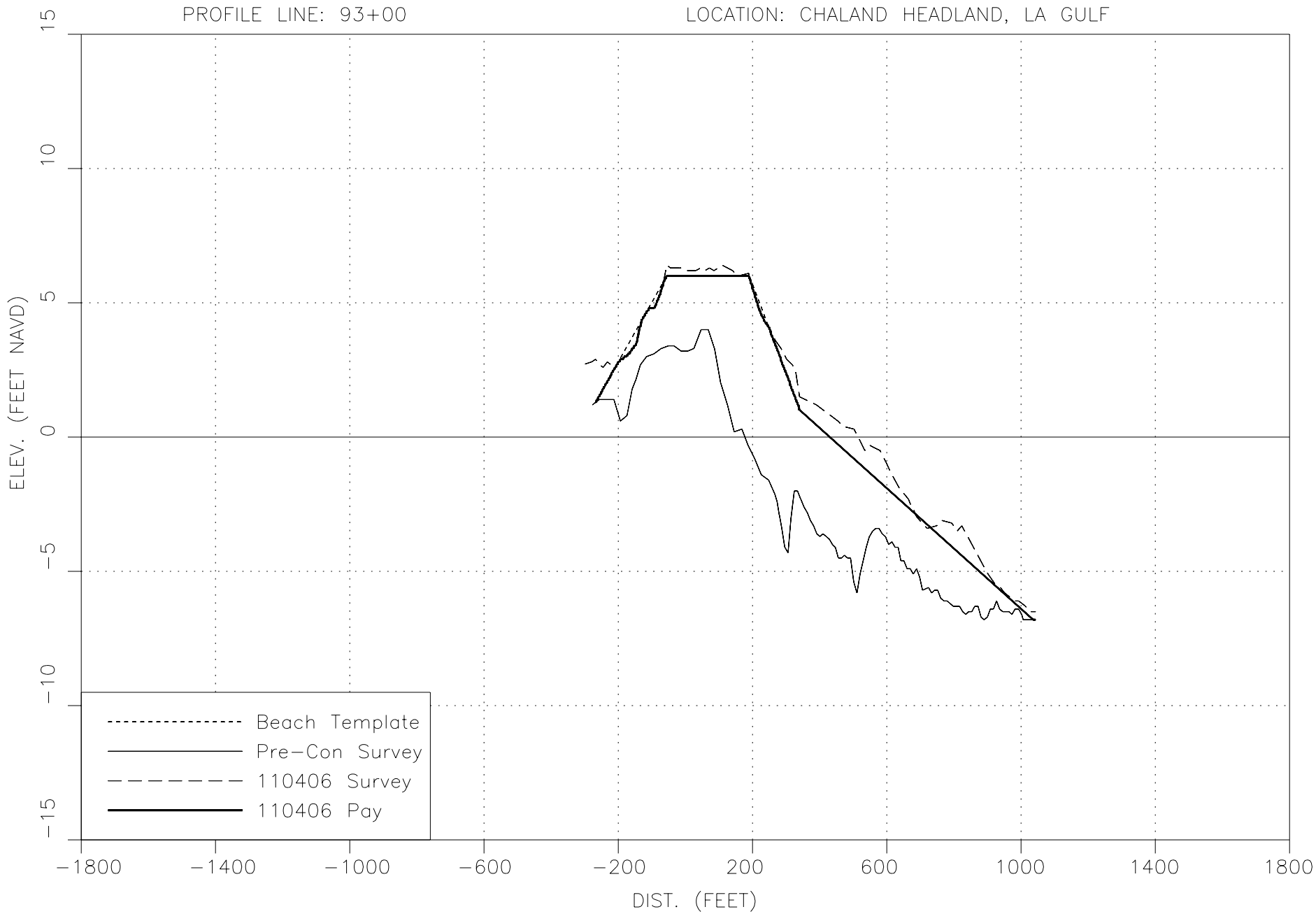
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Beach Template
Pre−Con Survey
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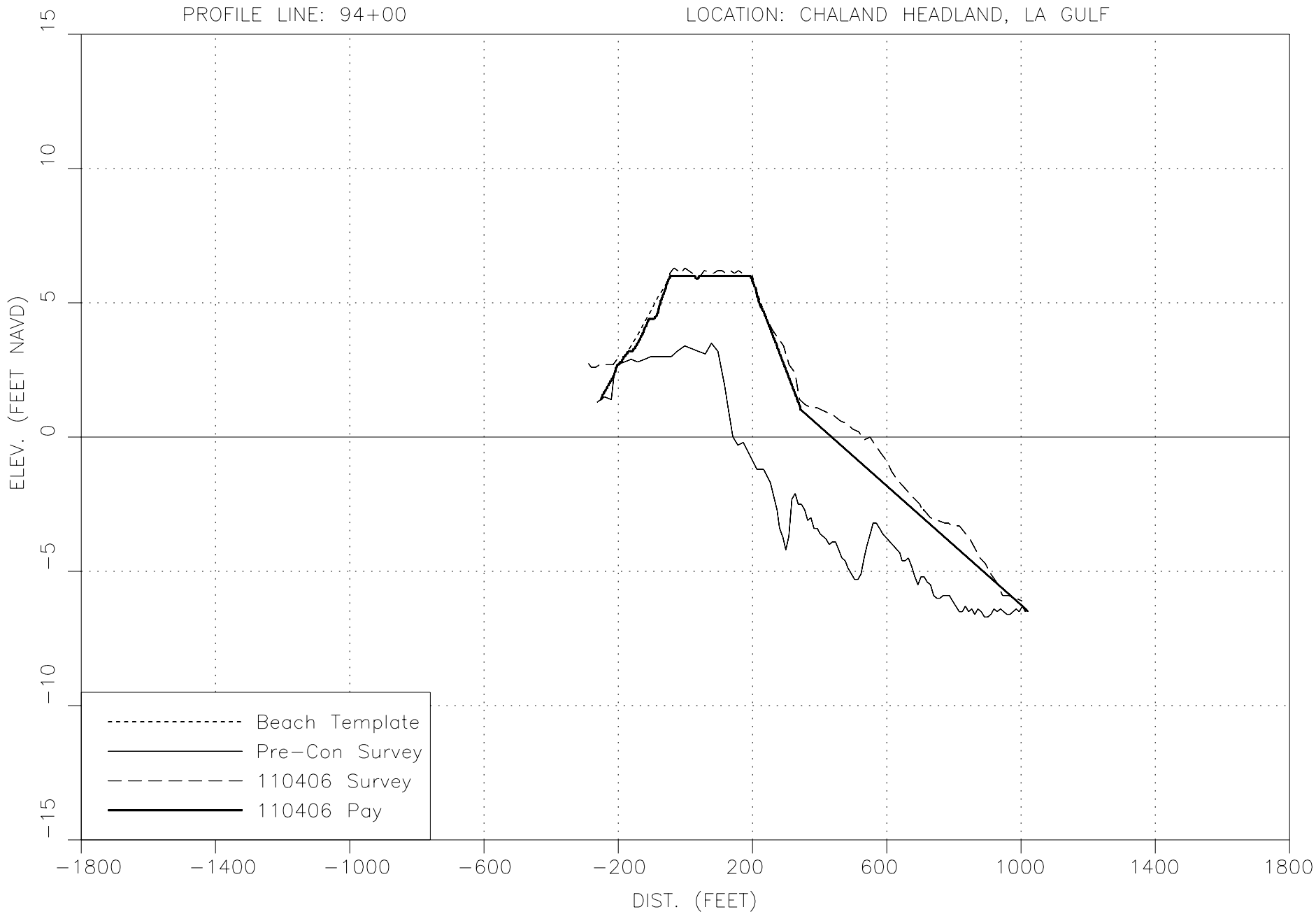
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DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
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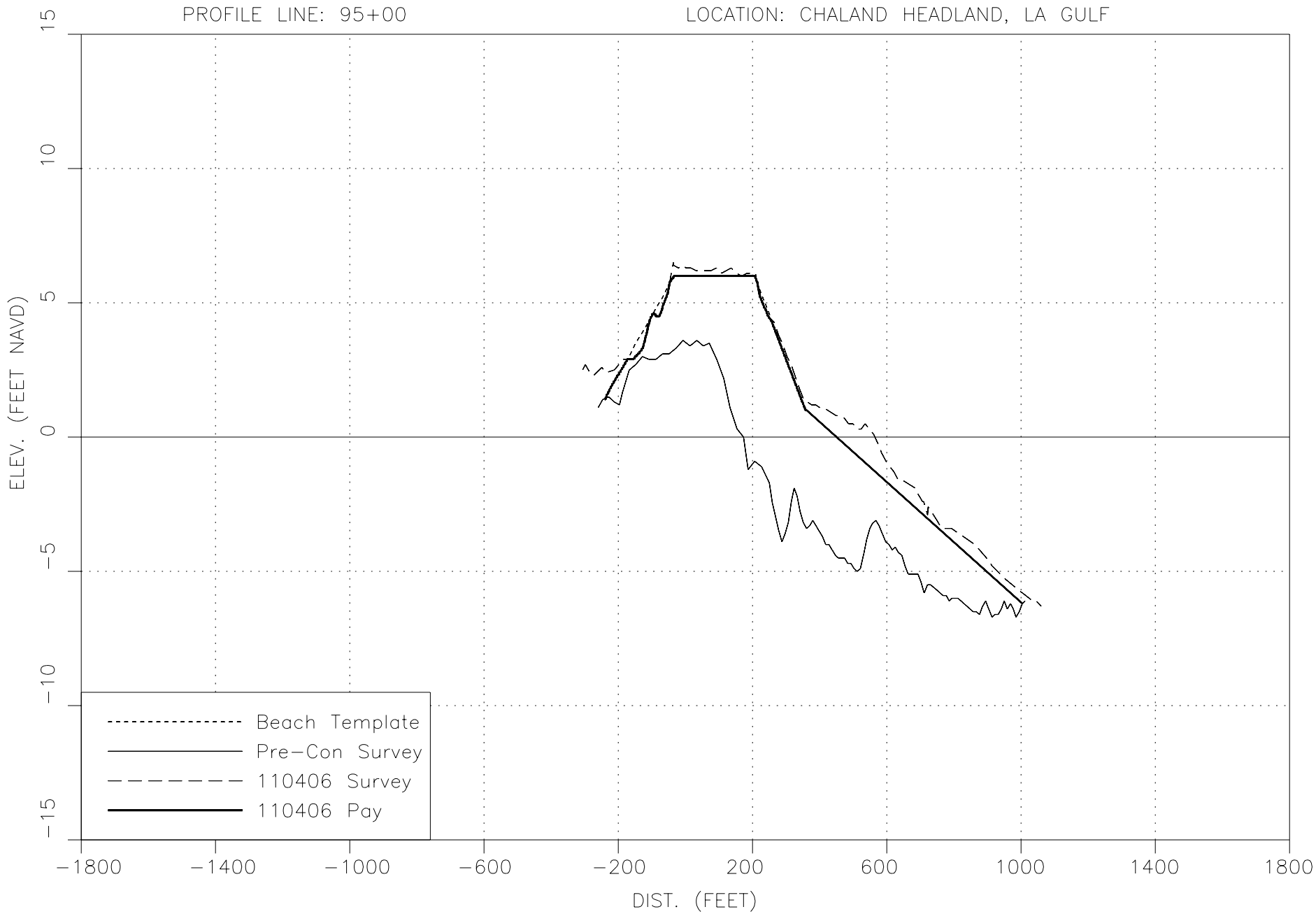
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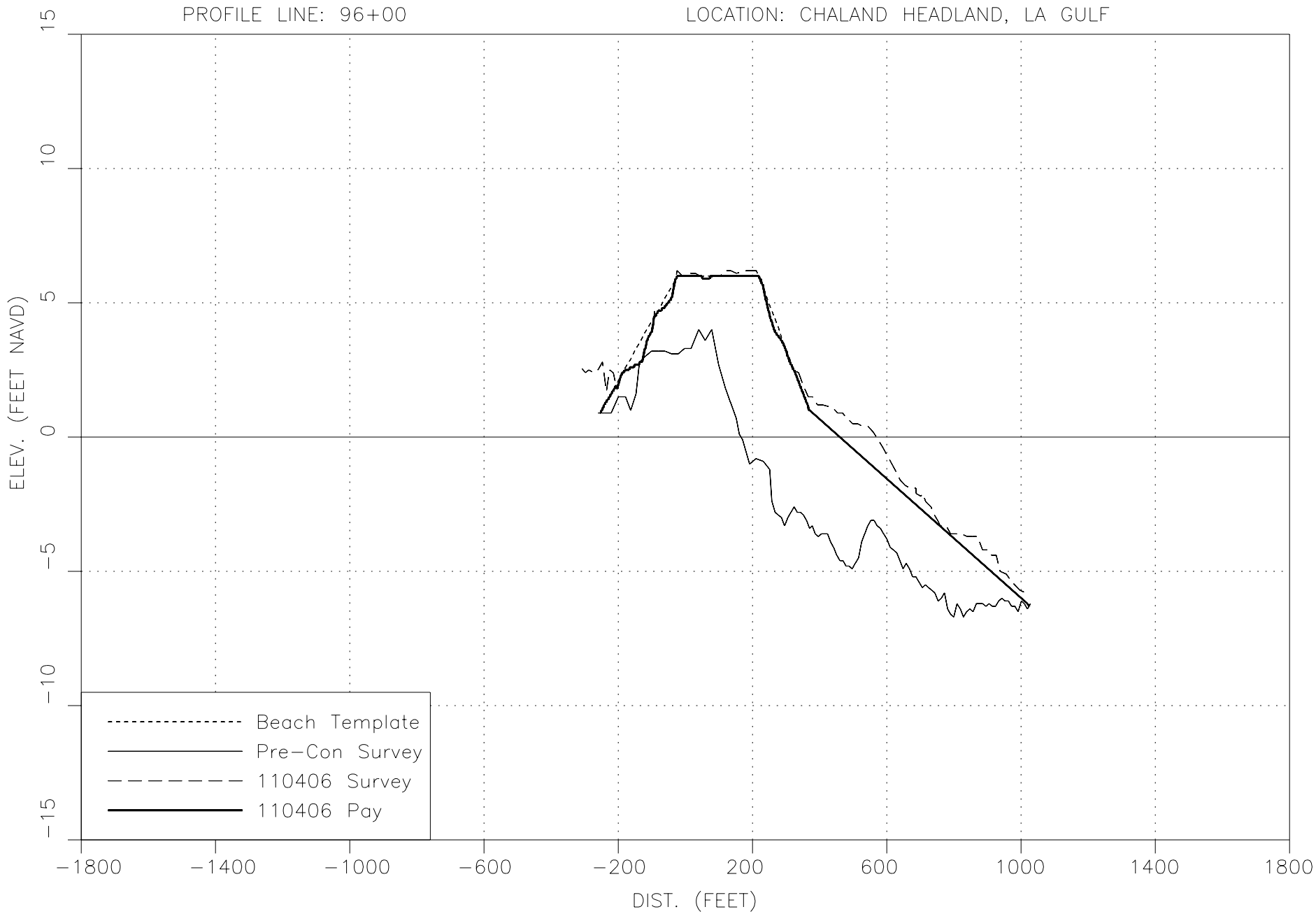
Beach Template
Pre−Con Survey
110406 Survey
110406 Pay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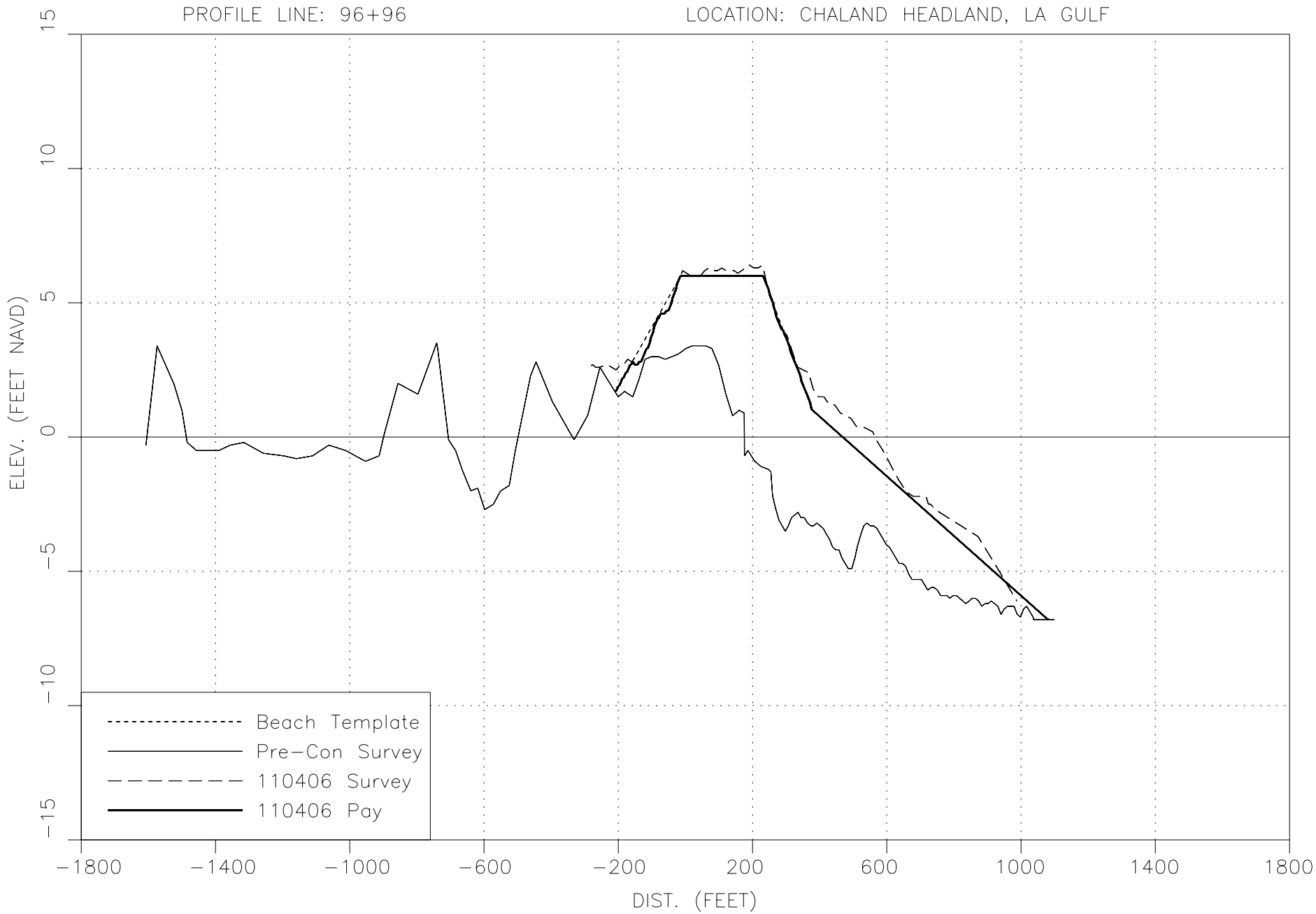
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DIST. (FEET)
Beach Template
Pre−Con Survey
110406 Survey
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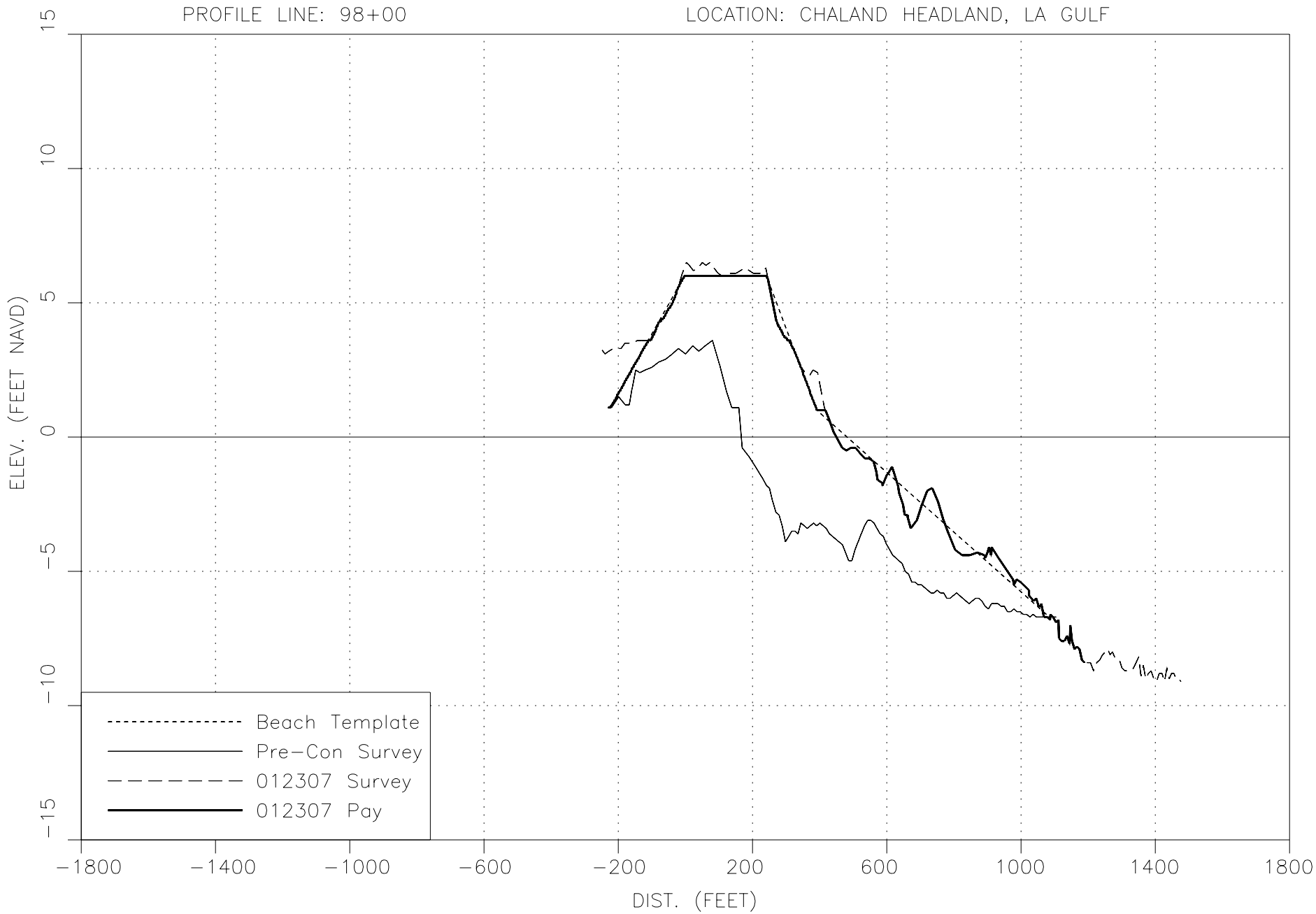
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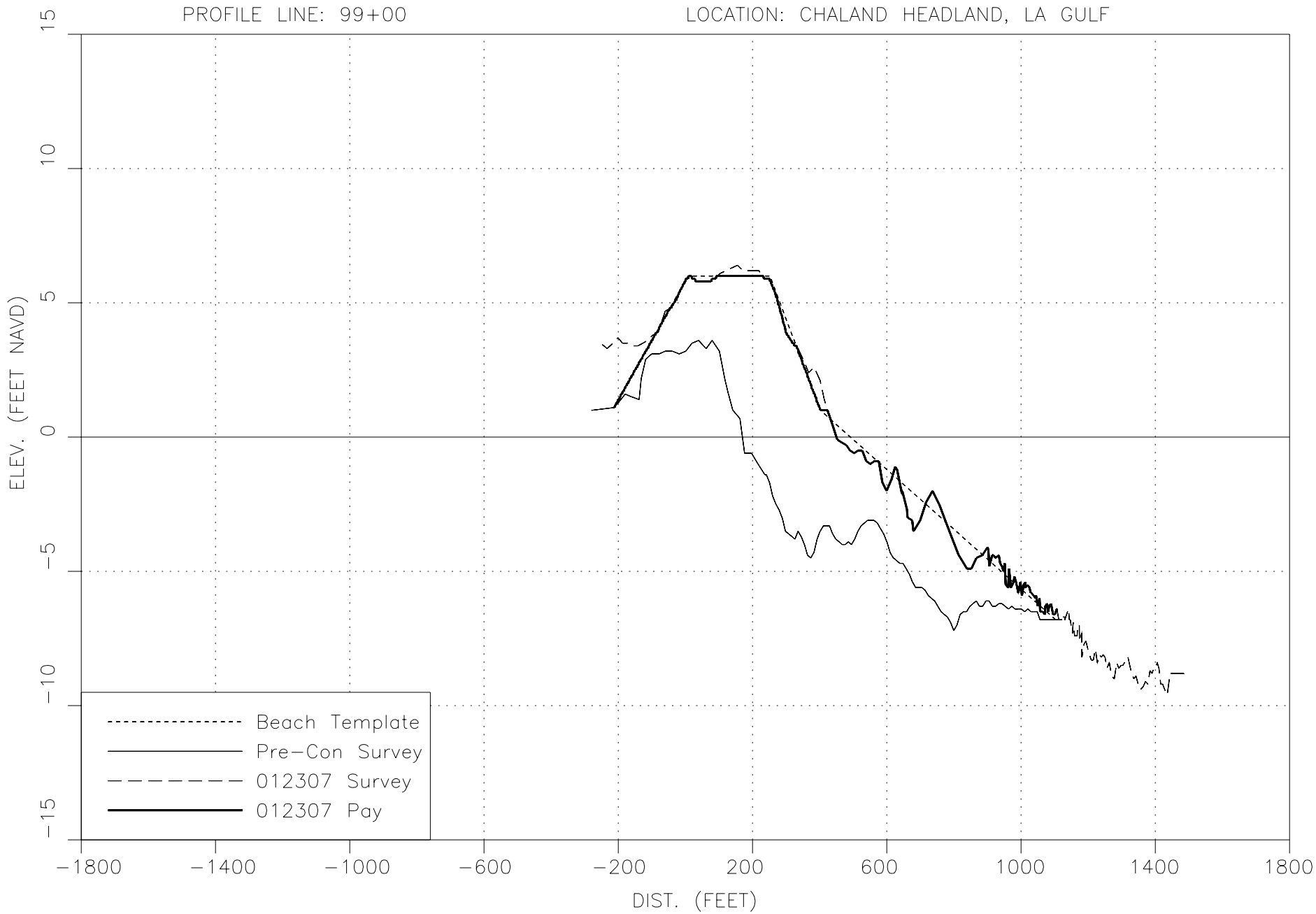
Pre−Con Survey
012307 Survey
012307 Pay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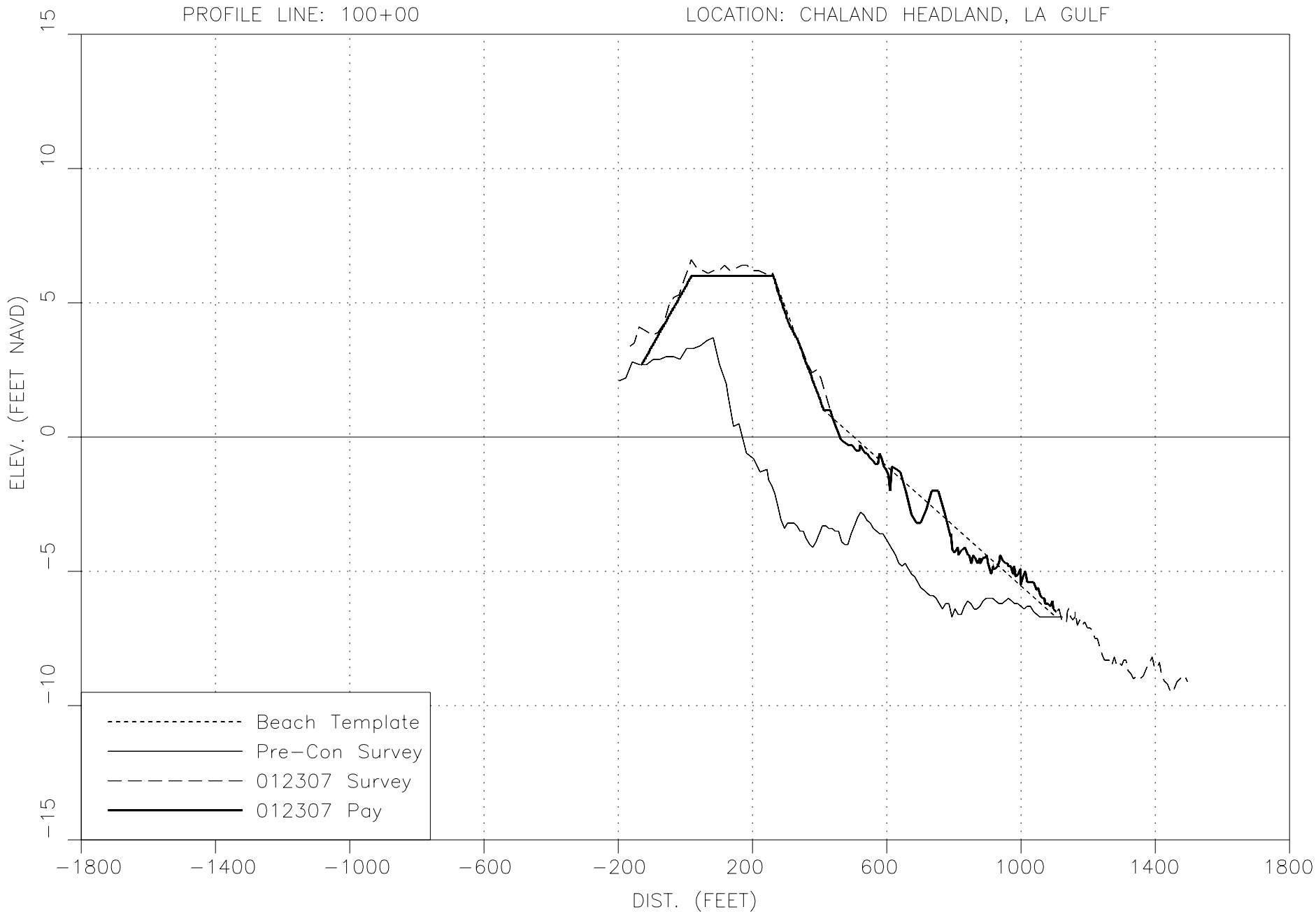
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Beach Template
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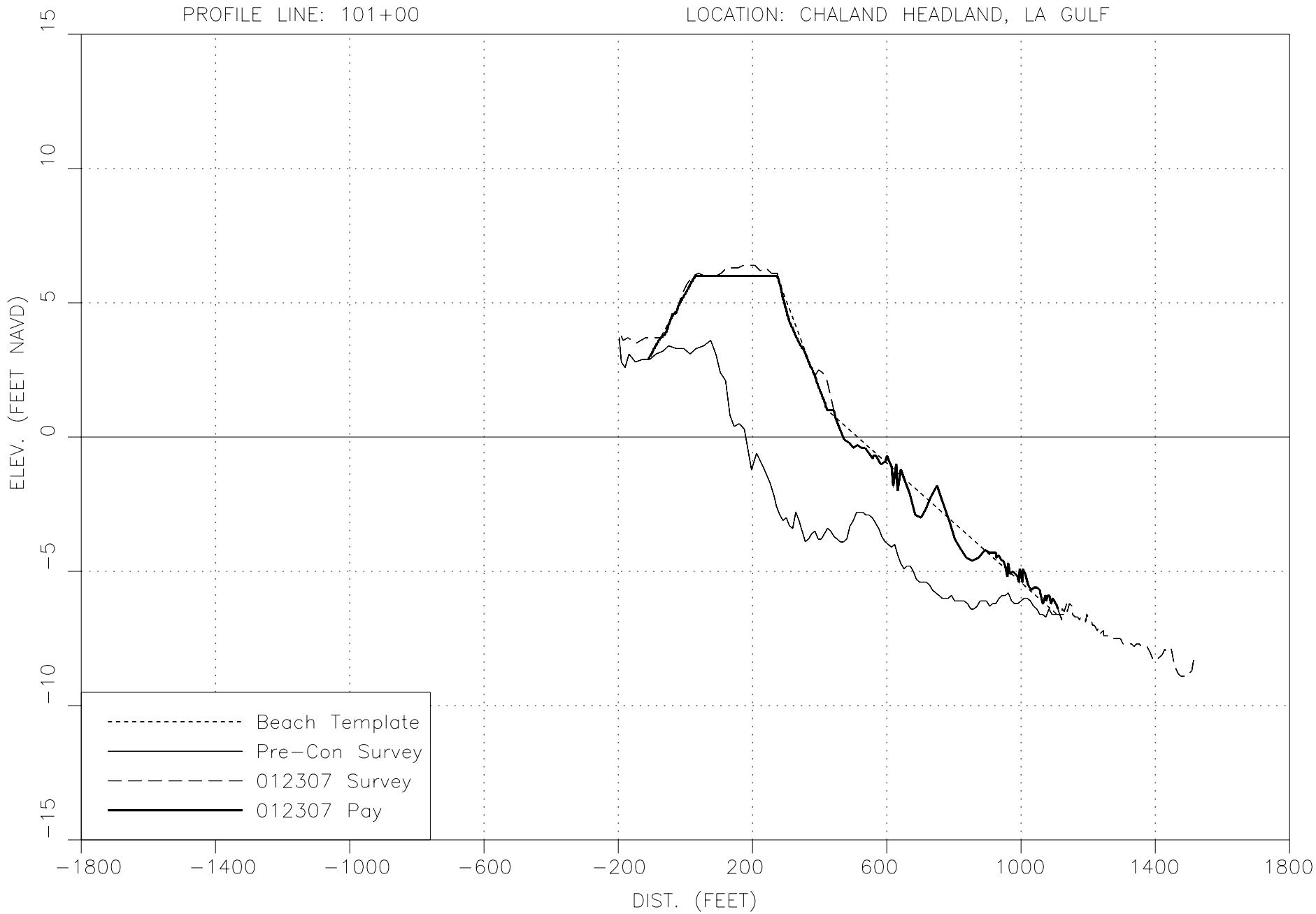
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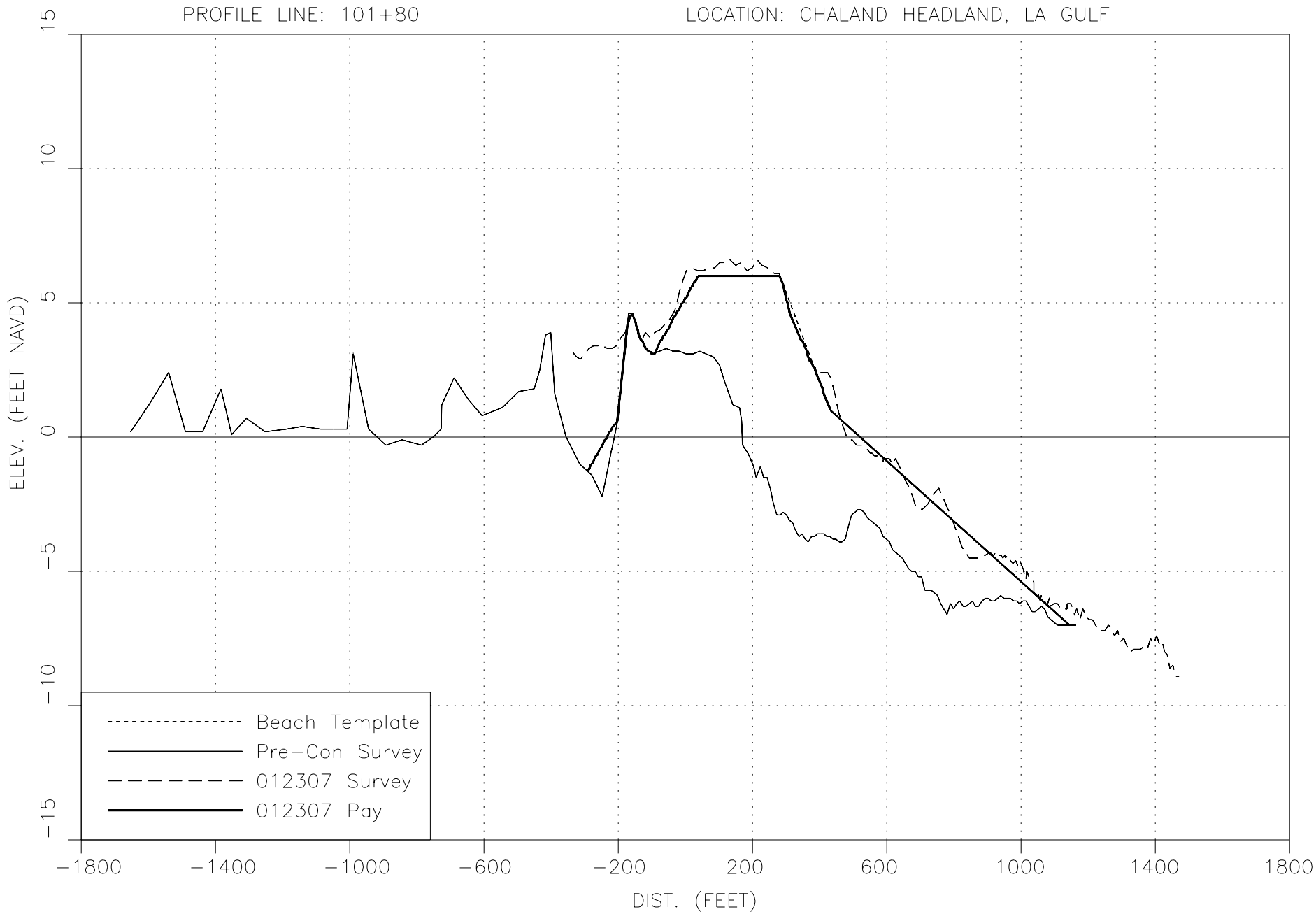
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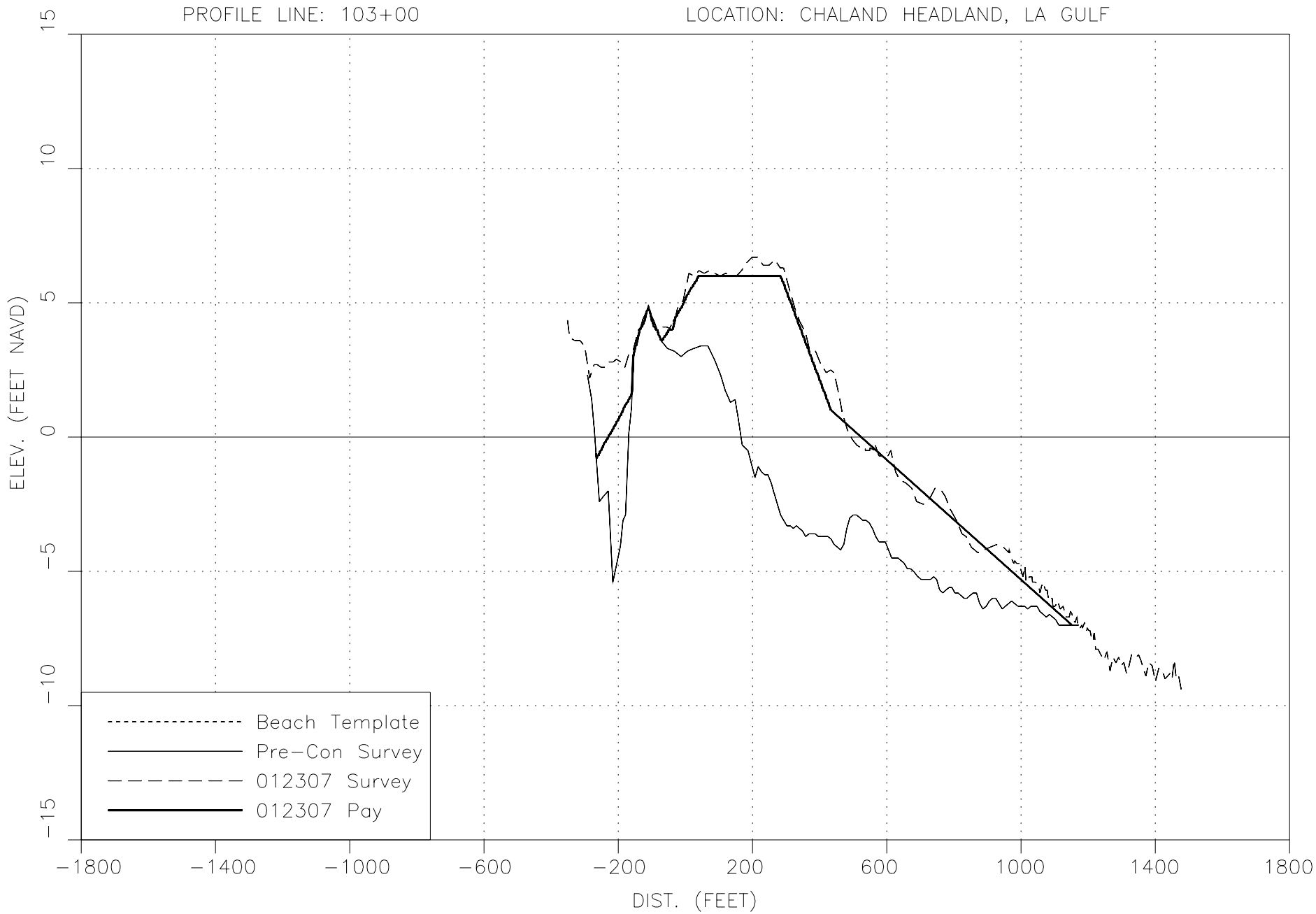
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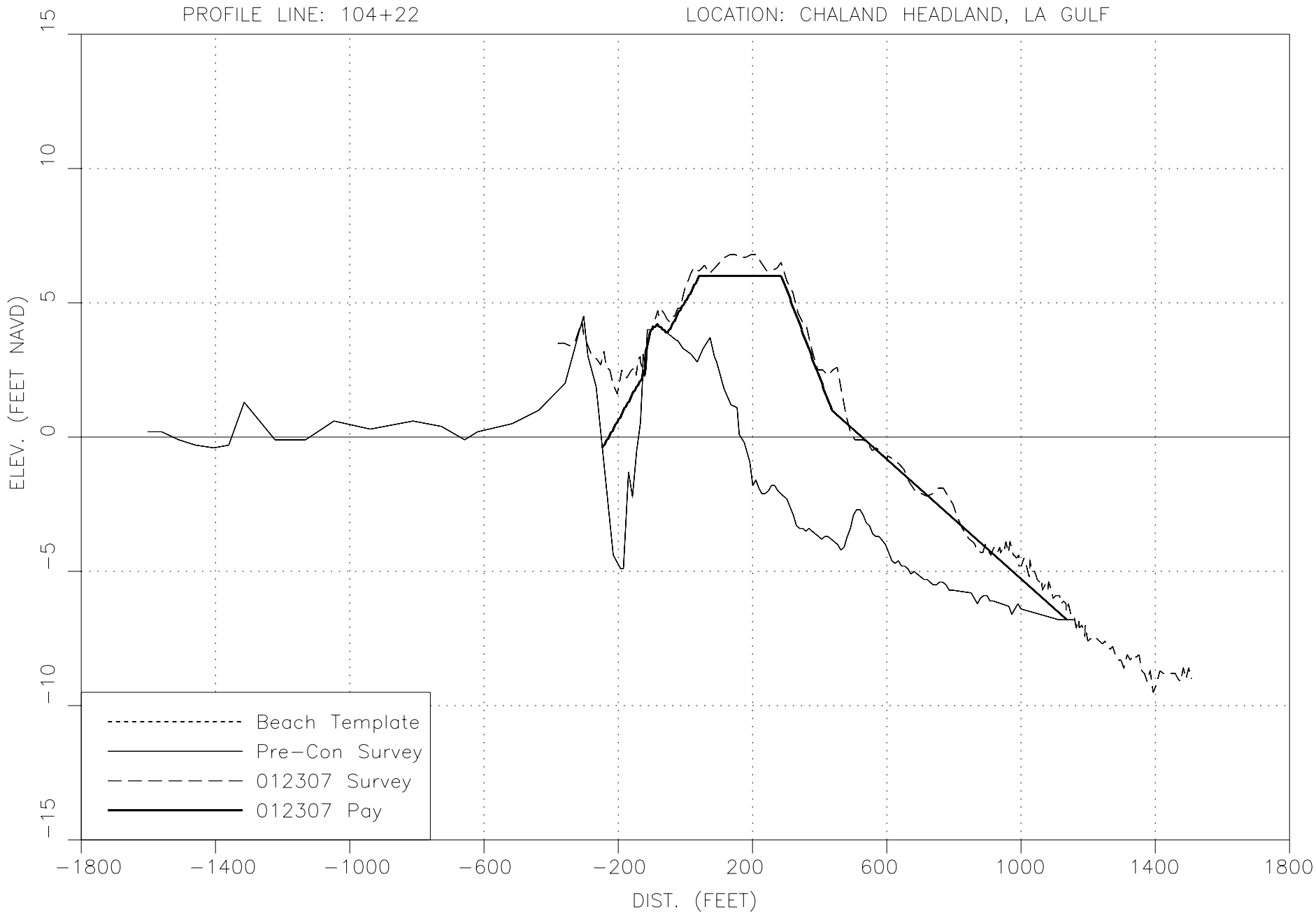
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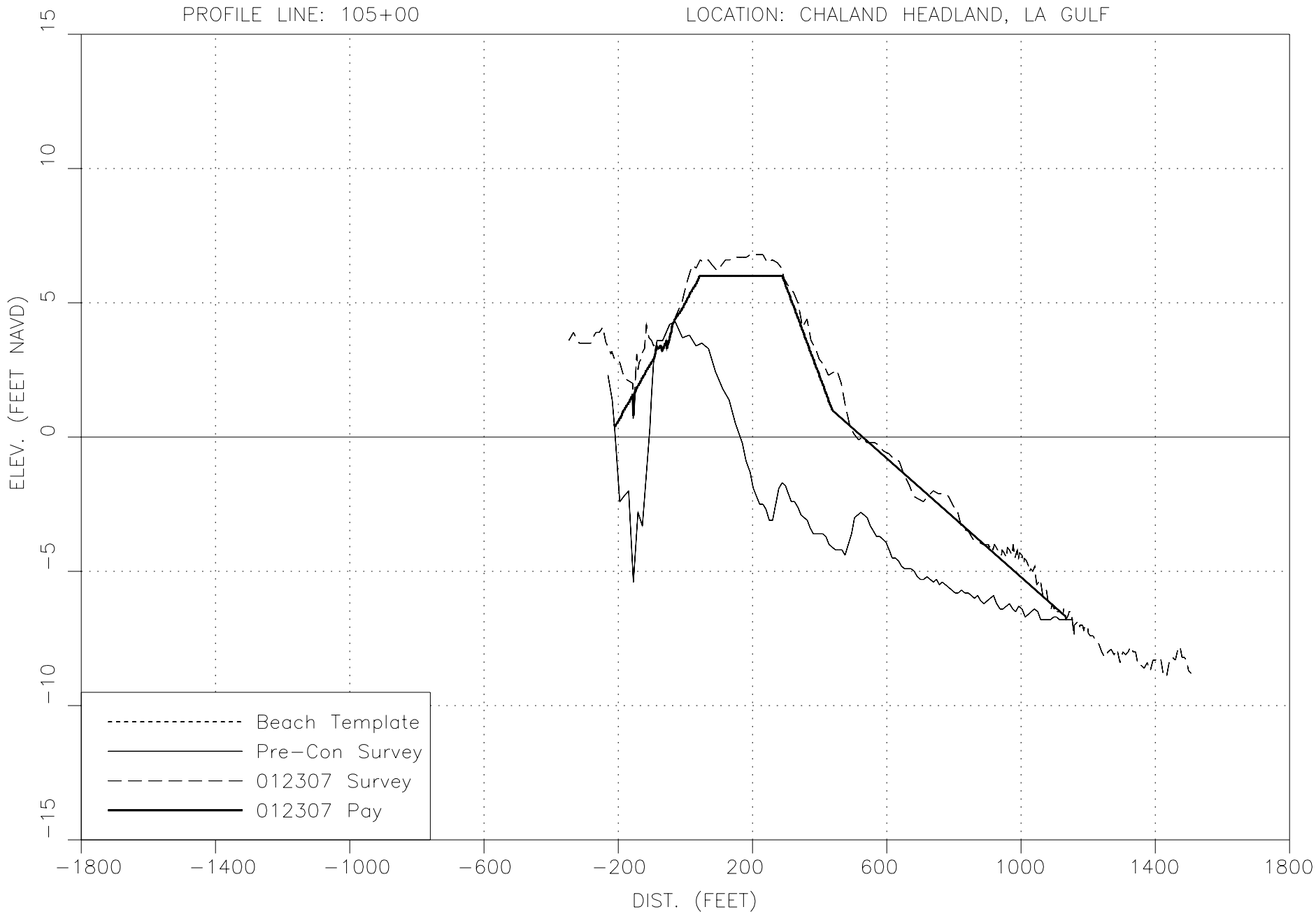
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Beach Template
Pre−Con Survey
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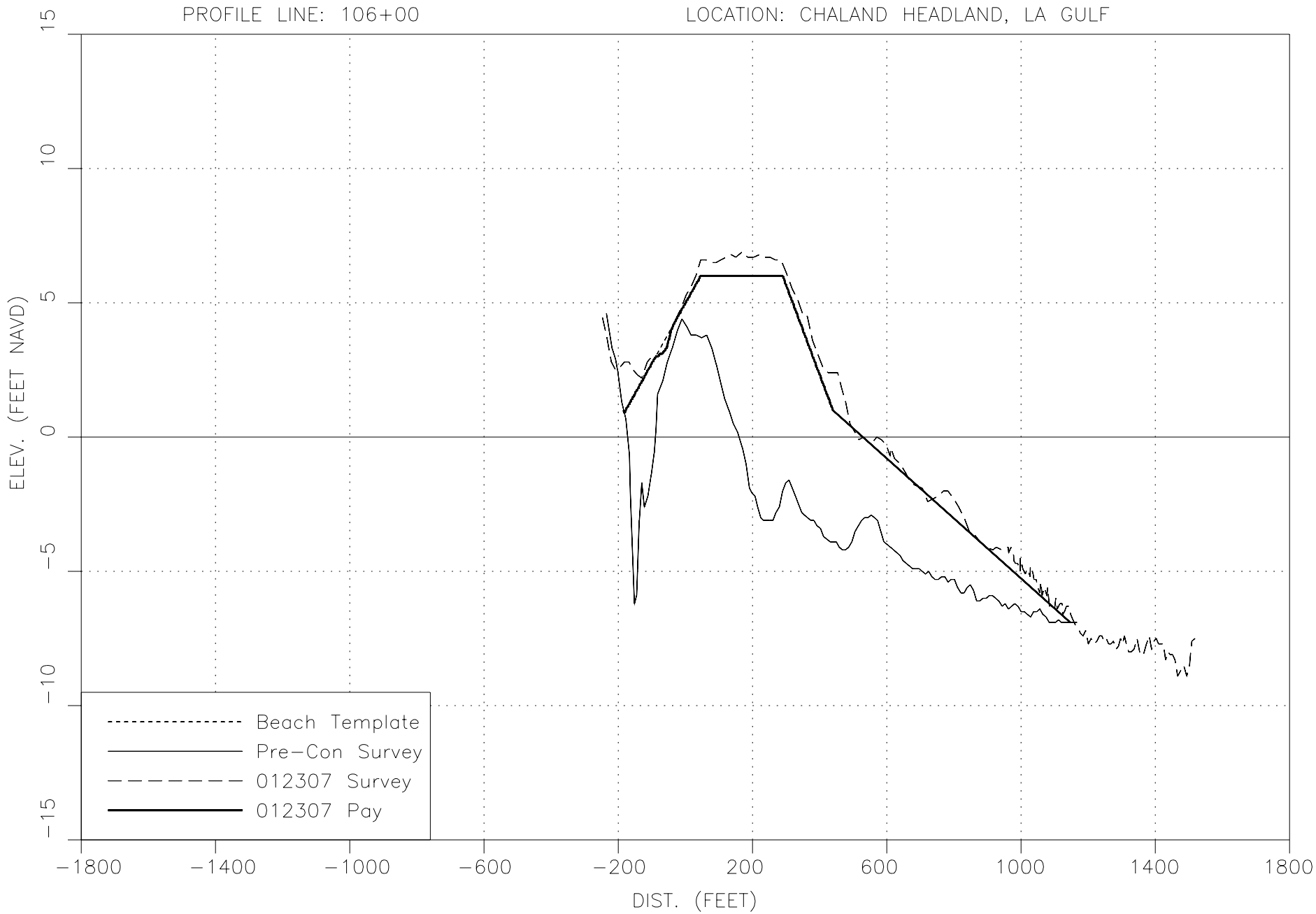
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DIST. (FEET)
Beach Template
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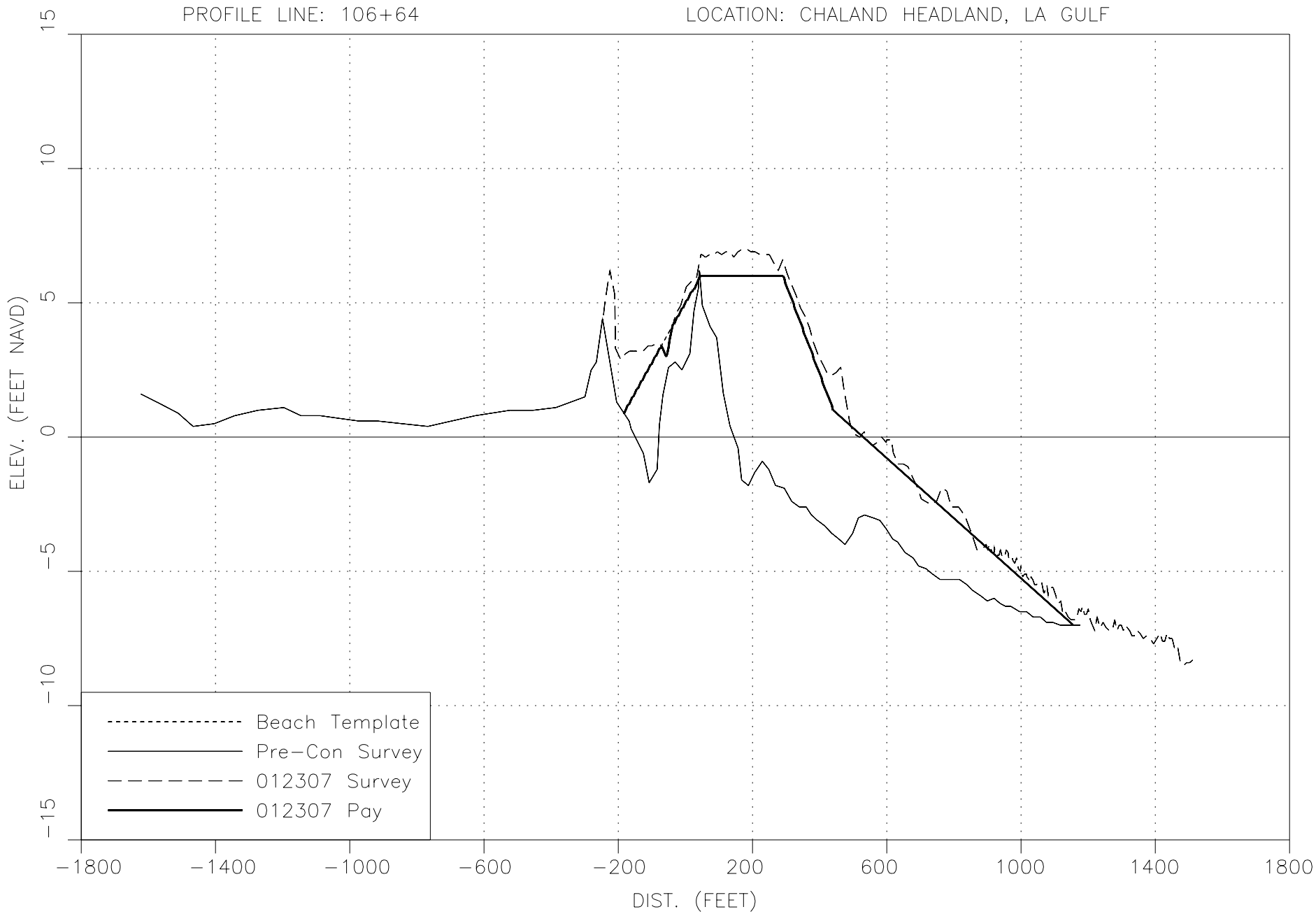
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Beach Template
Pre−Con Survey
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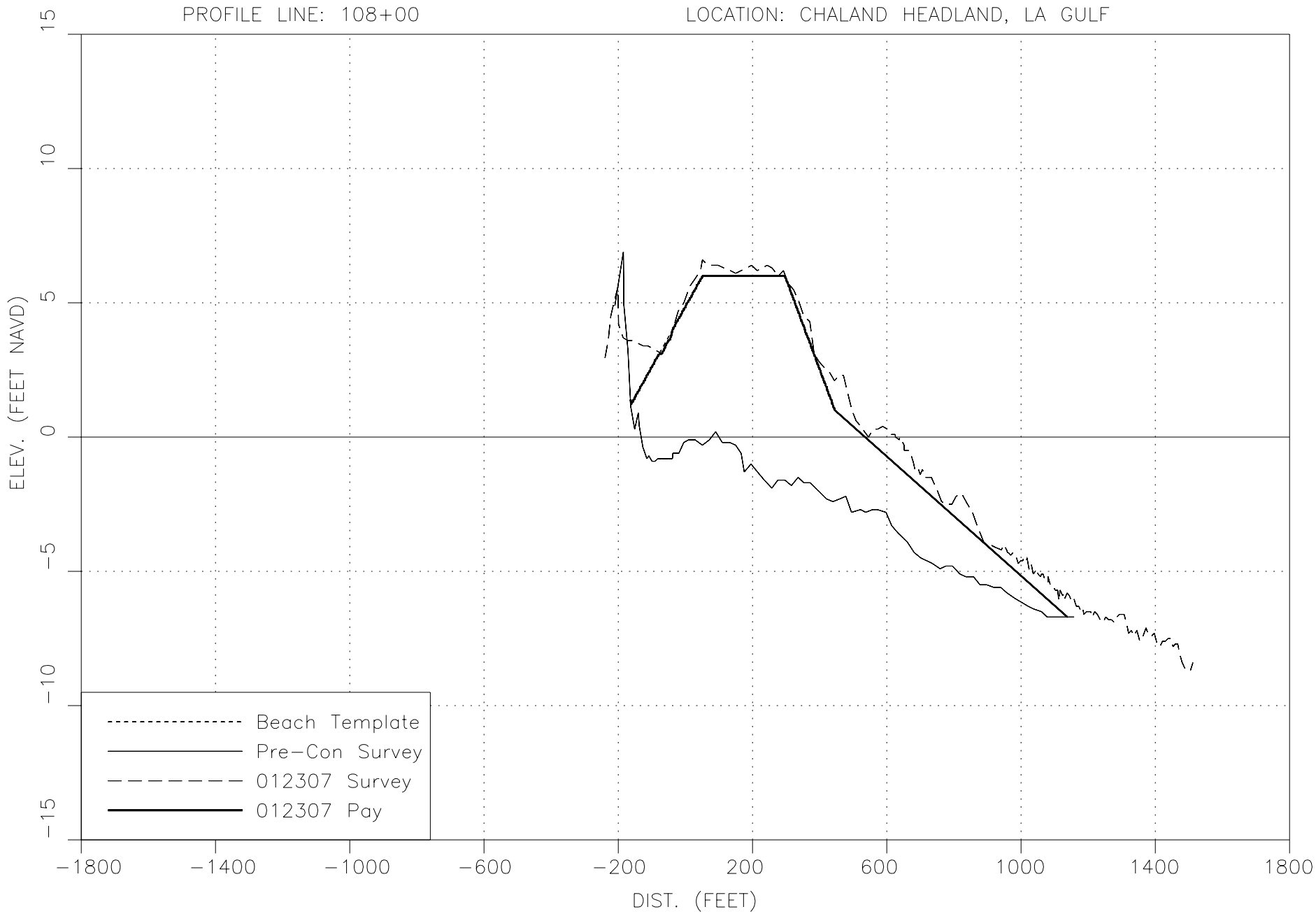
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Beach Template
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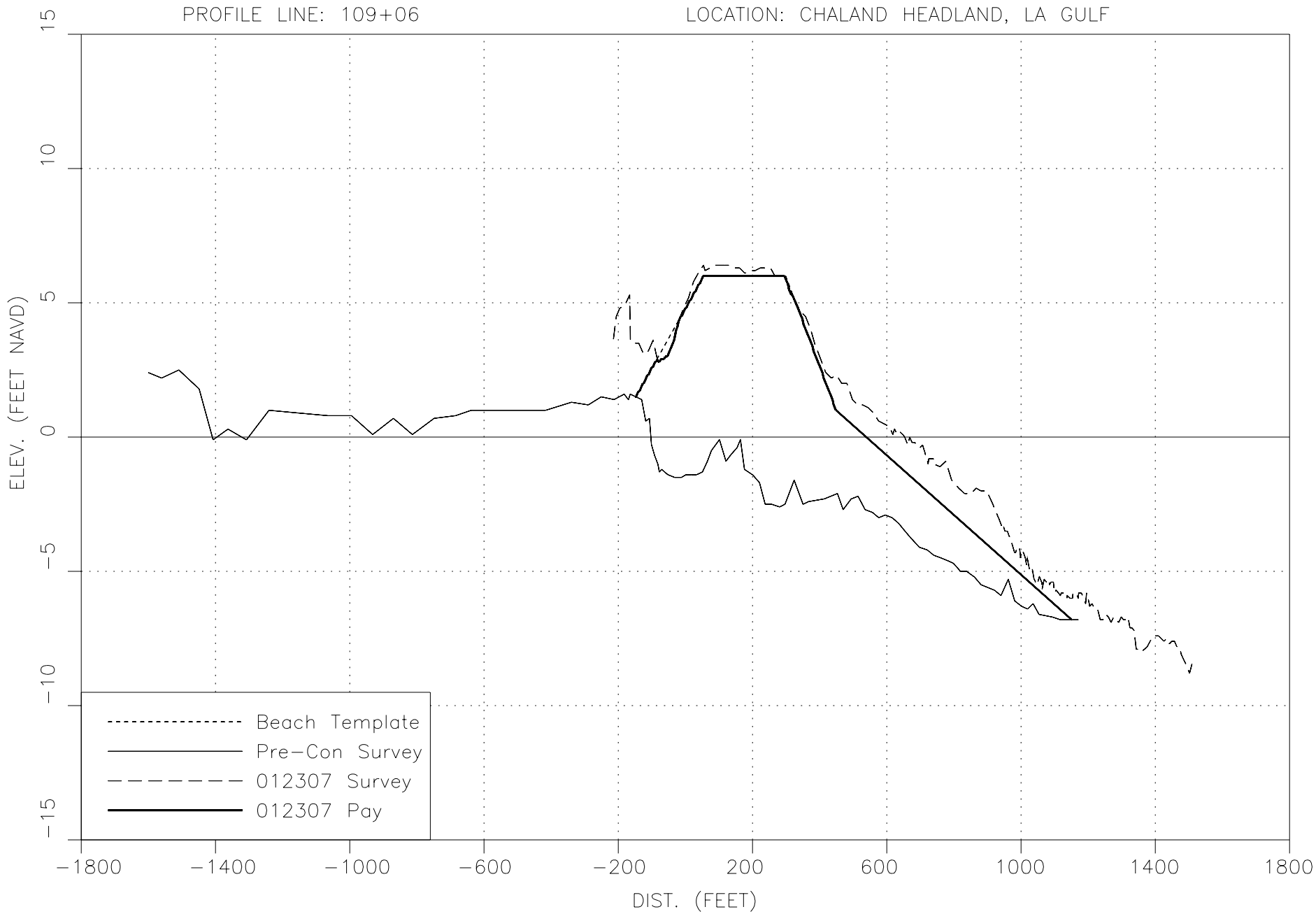
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Pre−Con Survey
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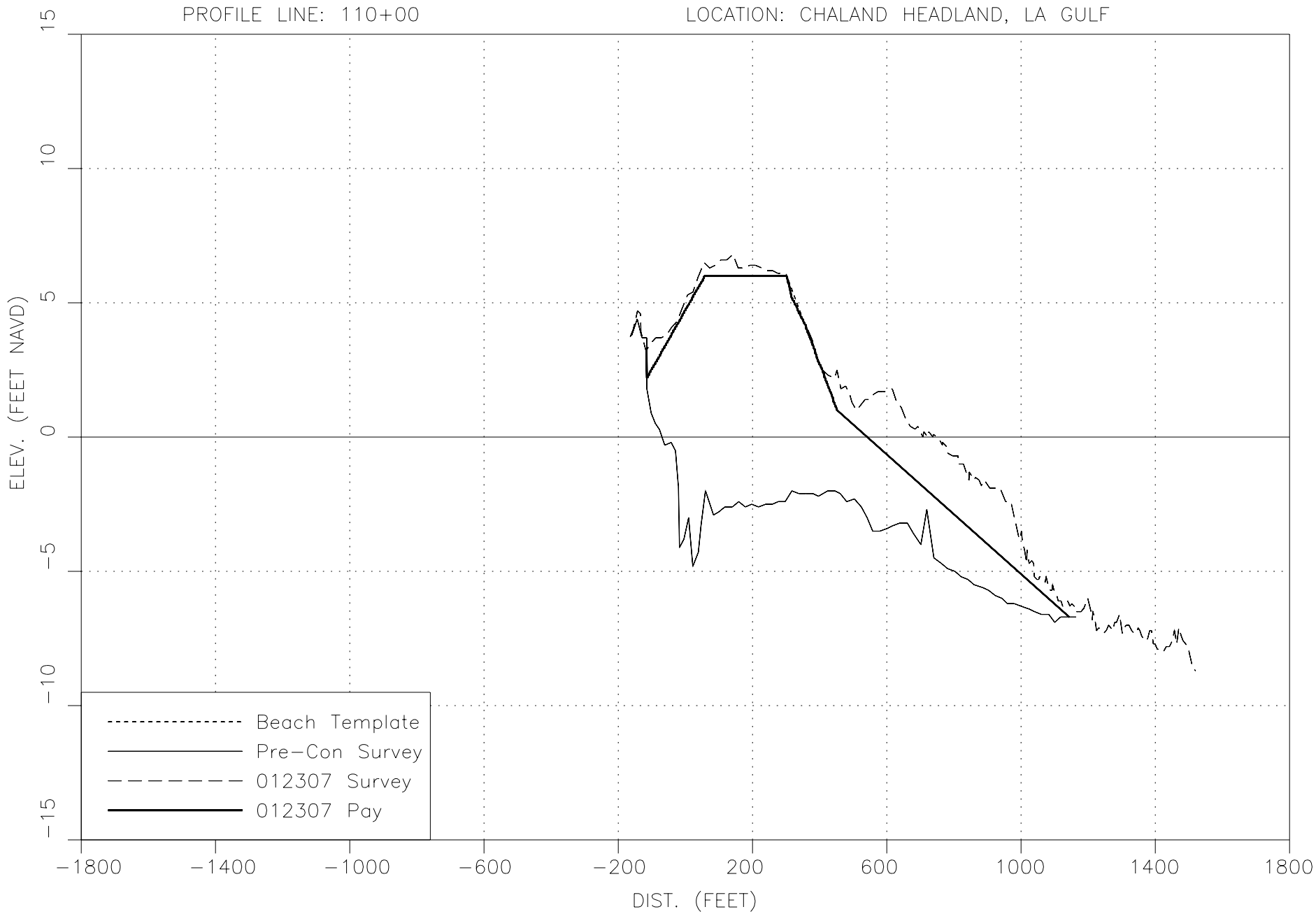
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DIST. (FEET)
Beach Template
Pre−Con Survey
012307 Survey
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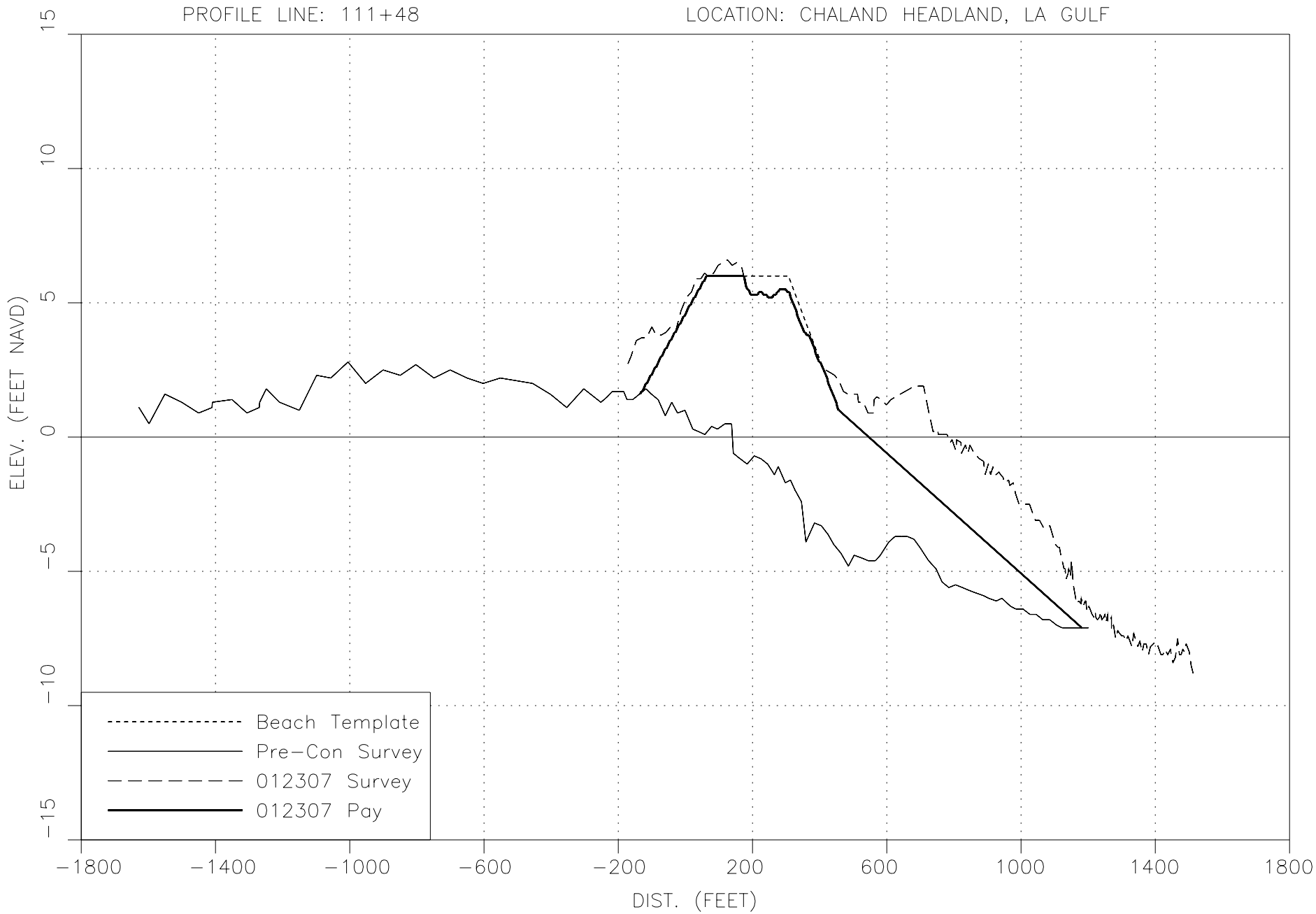
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DIST. (FEET)
Beach Template
Pre−Con Survey
012307 Survey
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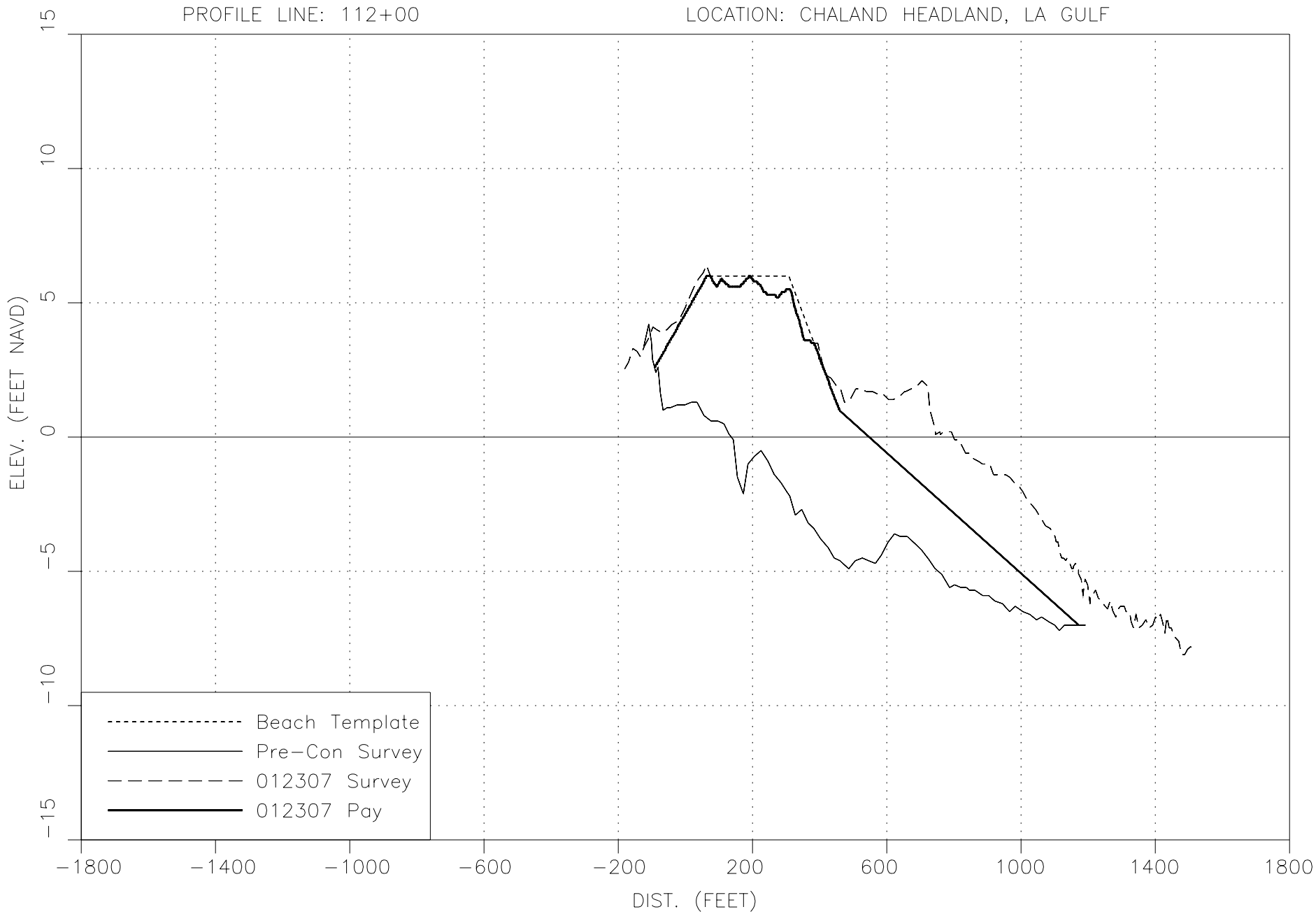
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DIST. (FEET)
Beach Template
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012307 Survey
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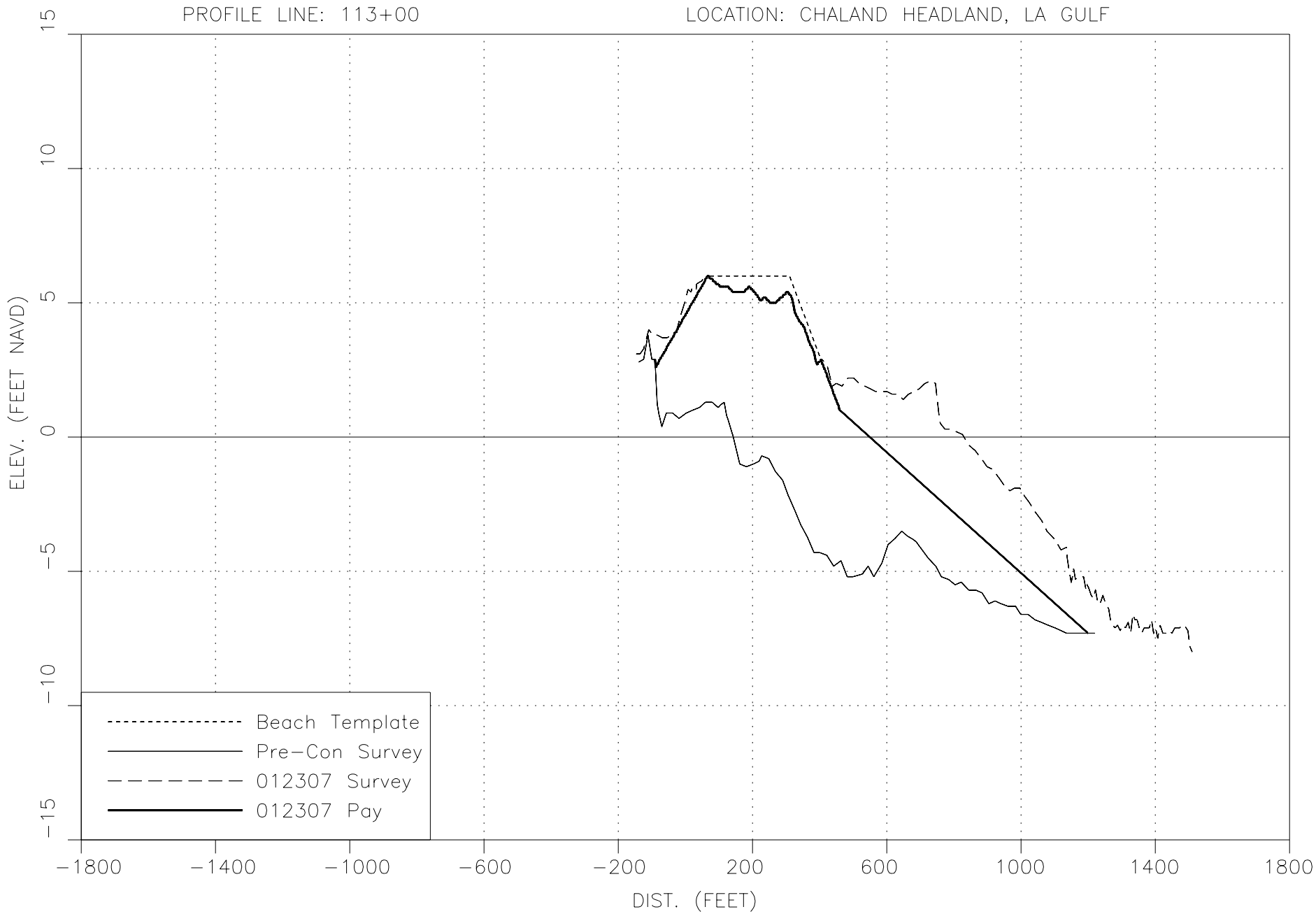
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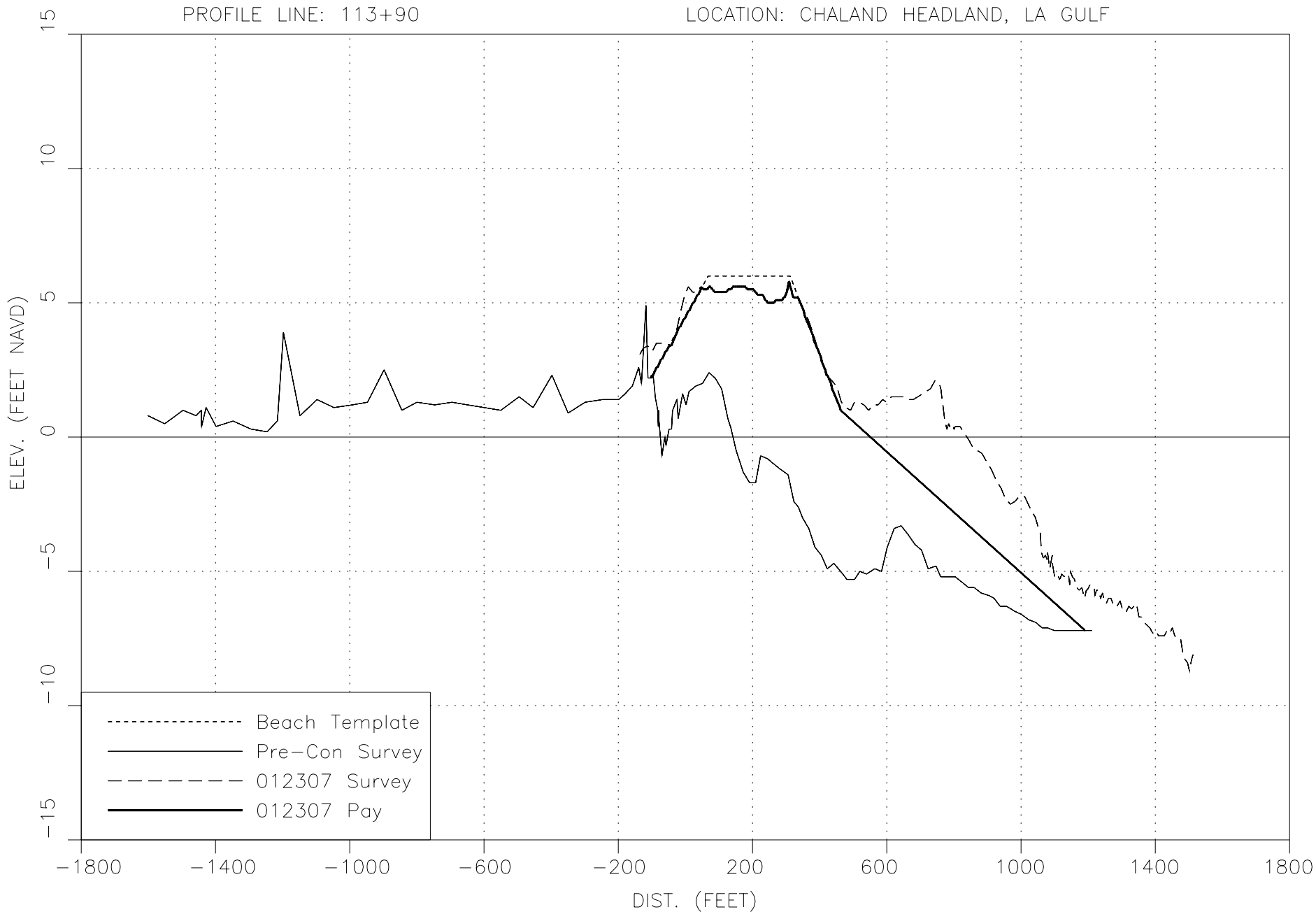
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ELEV. (FEET NAVD)
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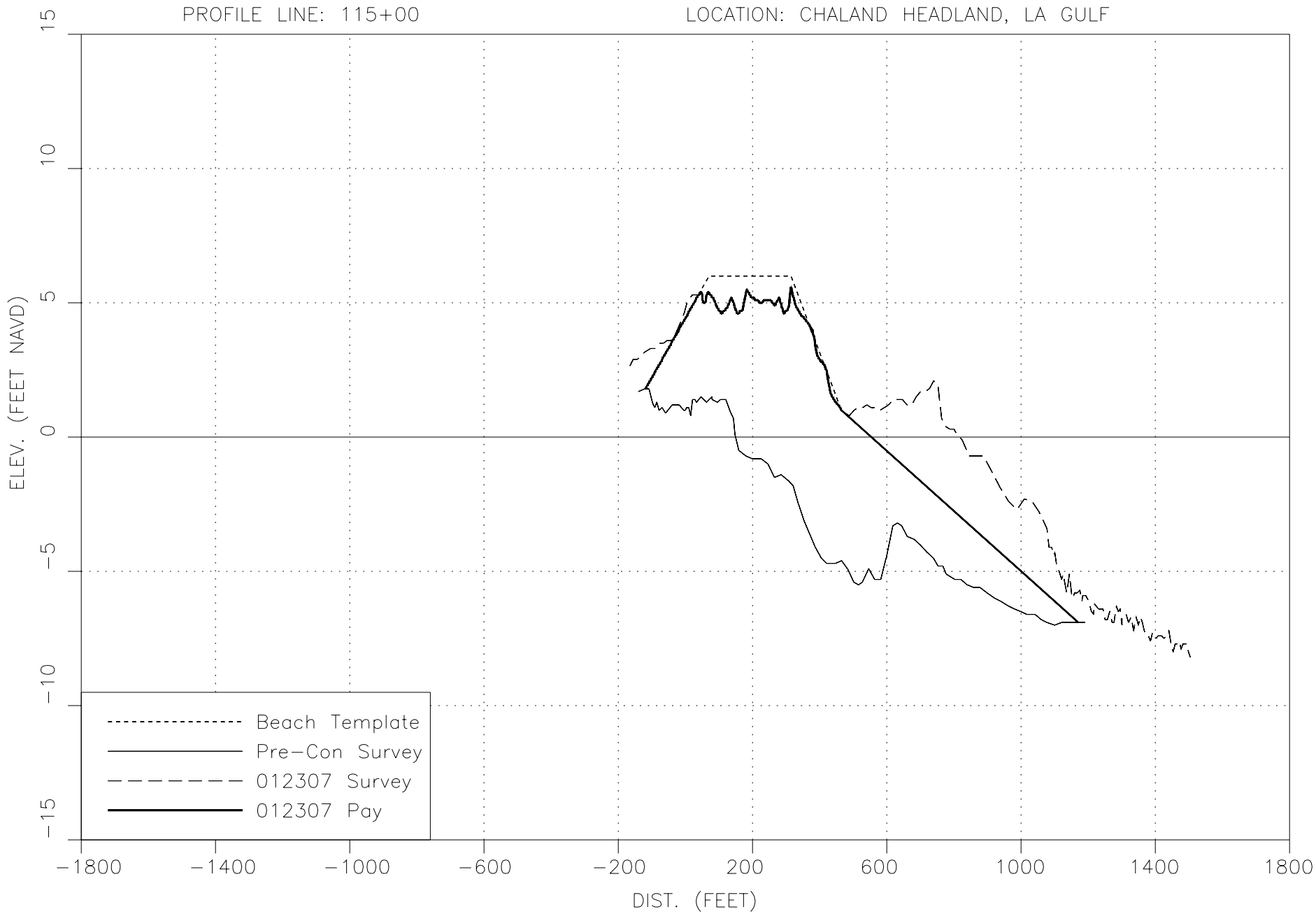
012307 Pay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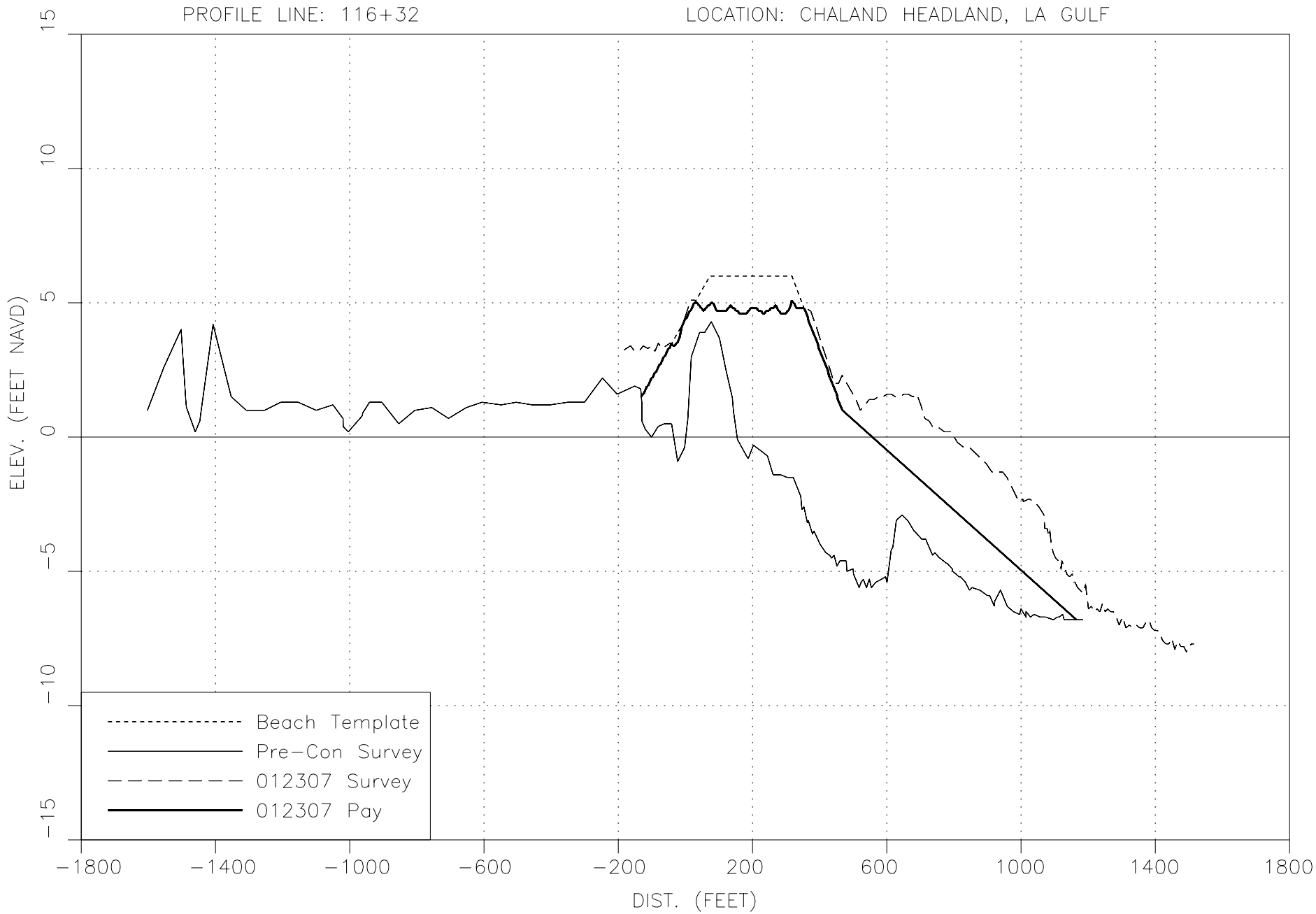
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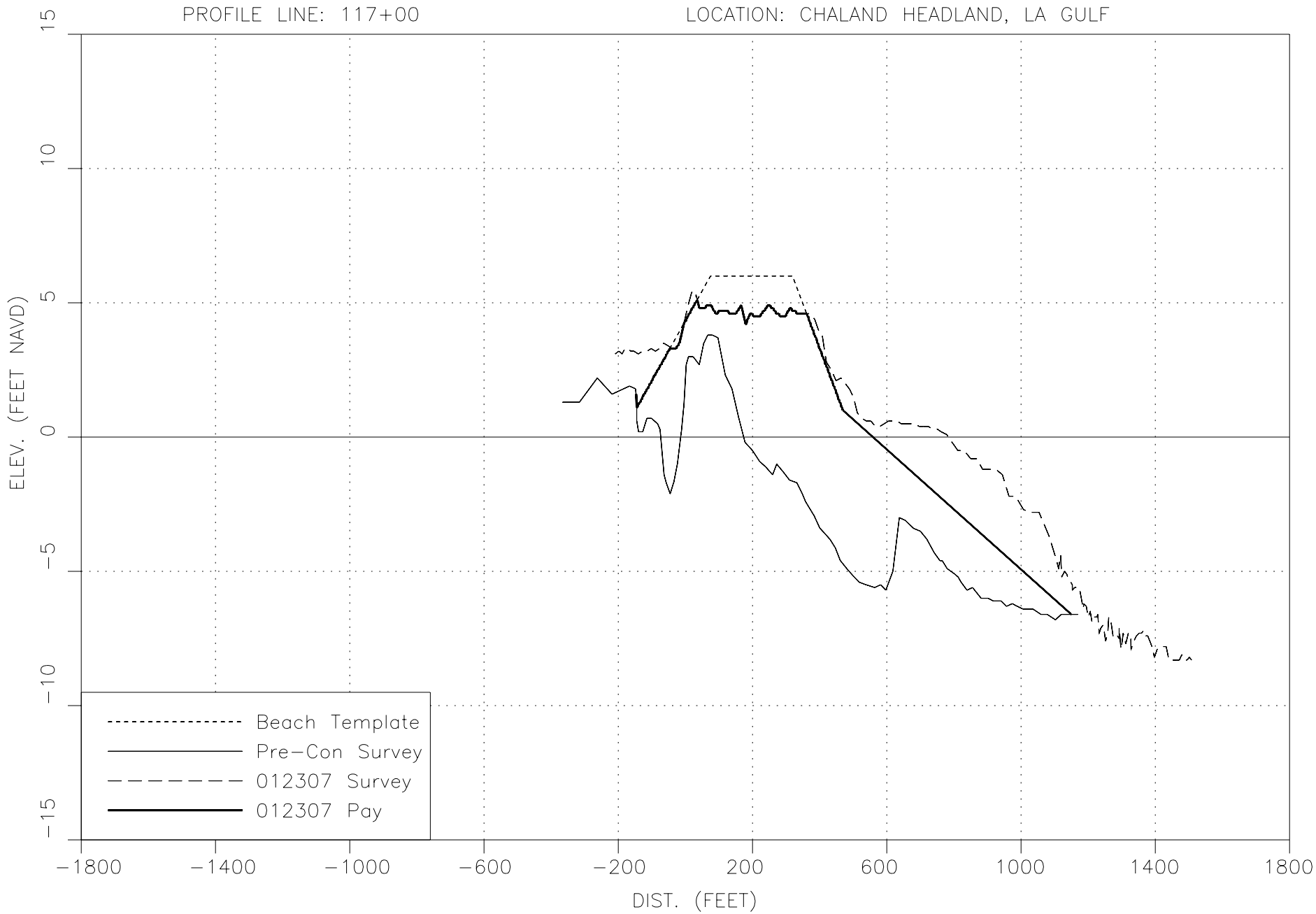
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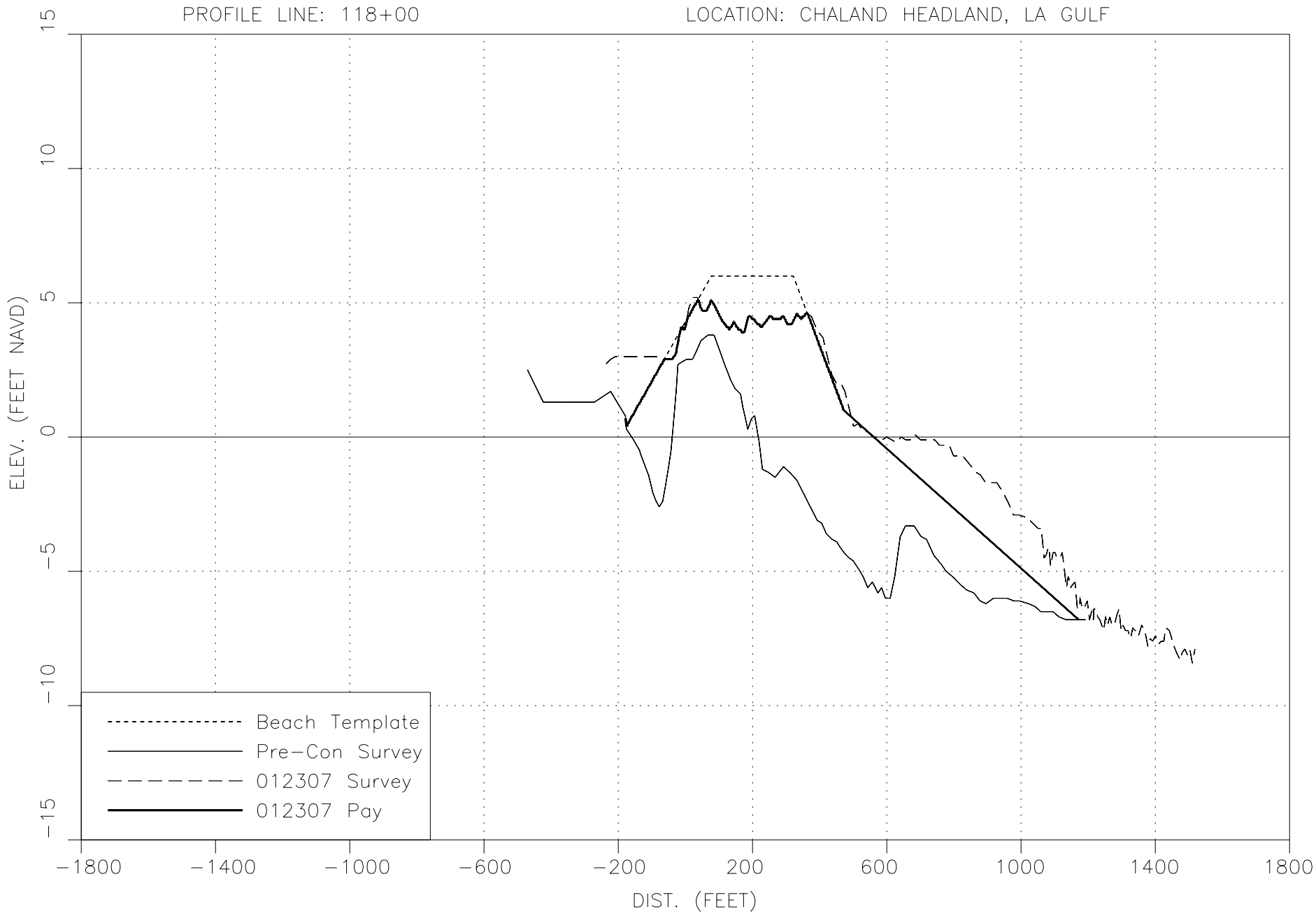
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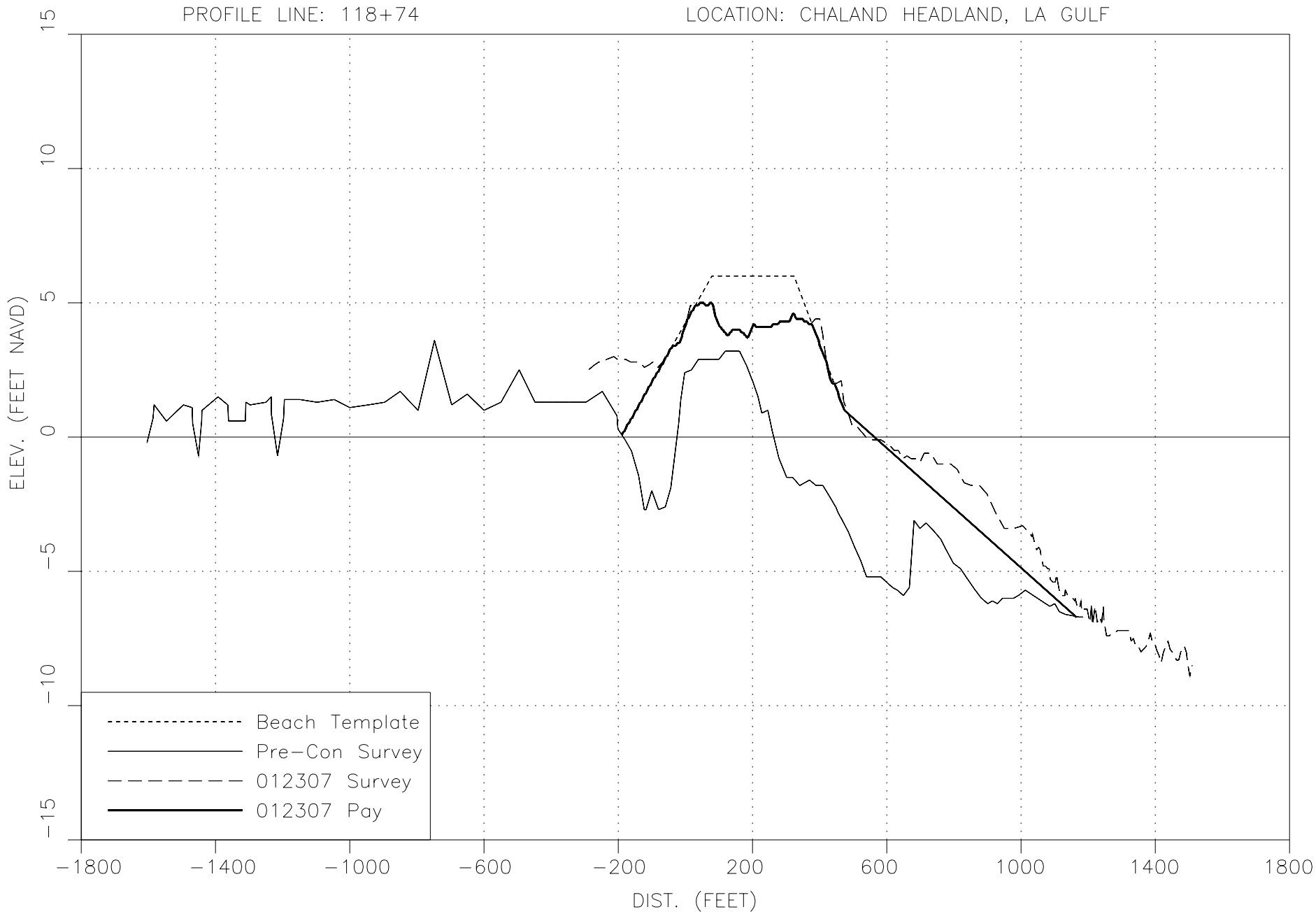
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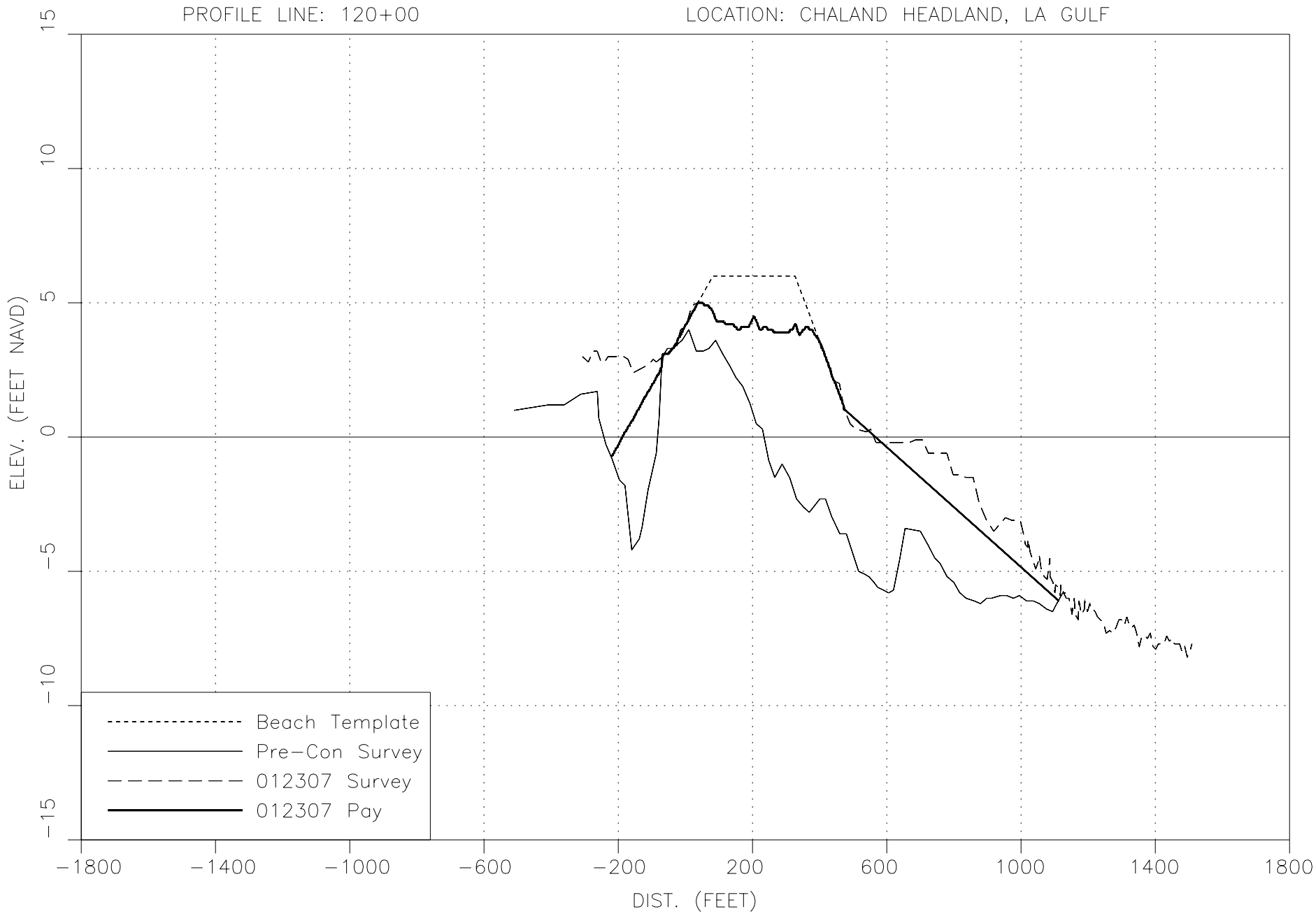
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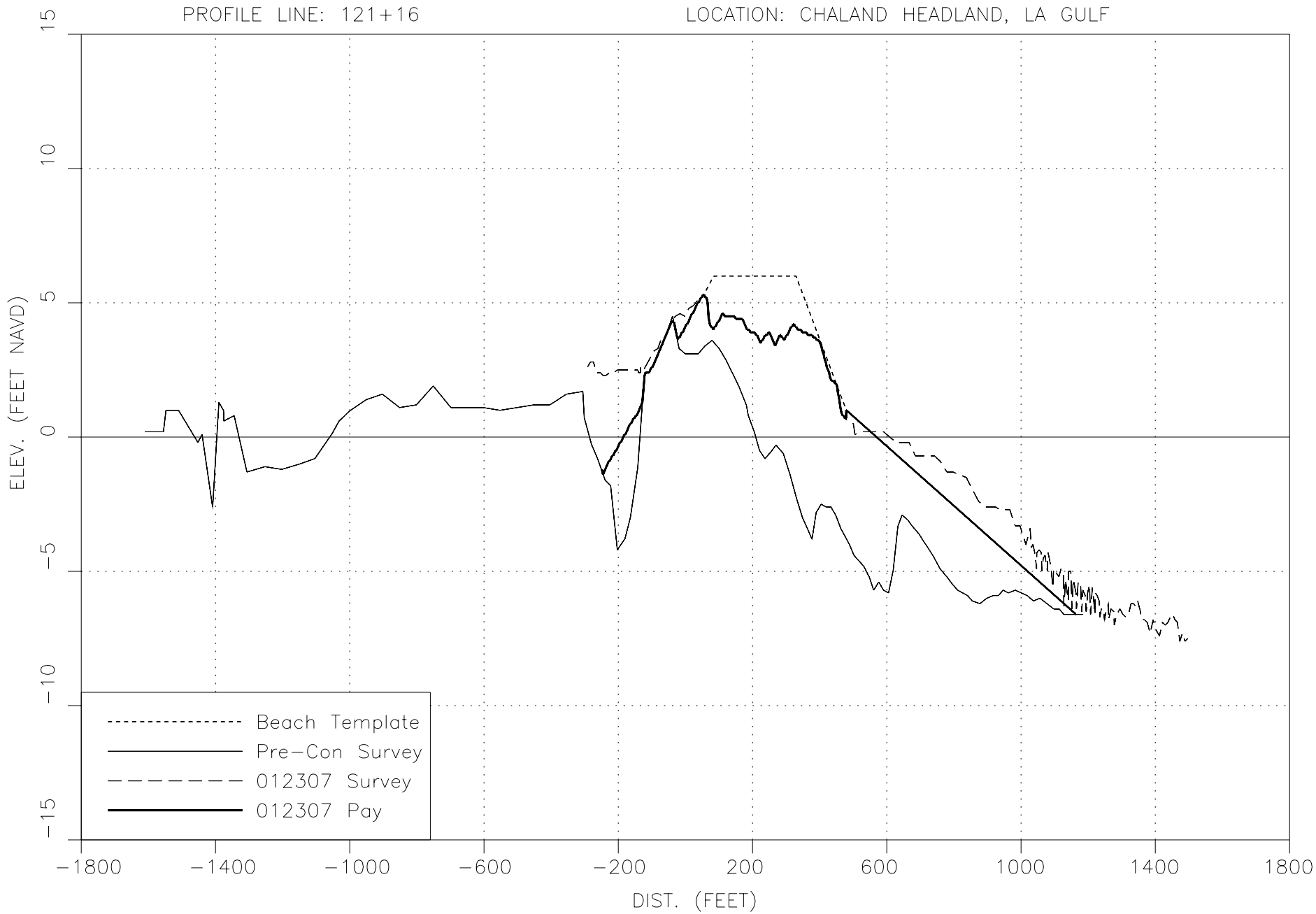
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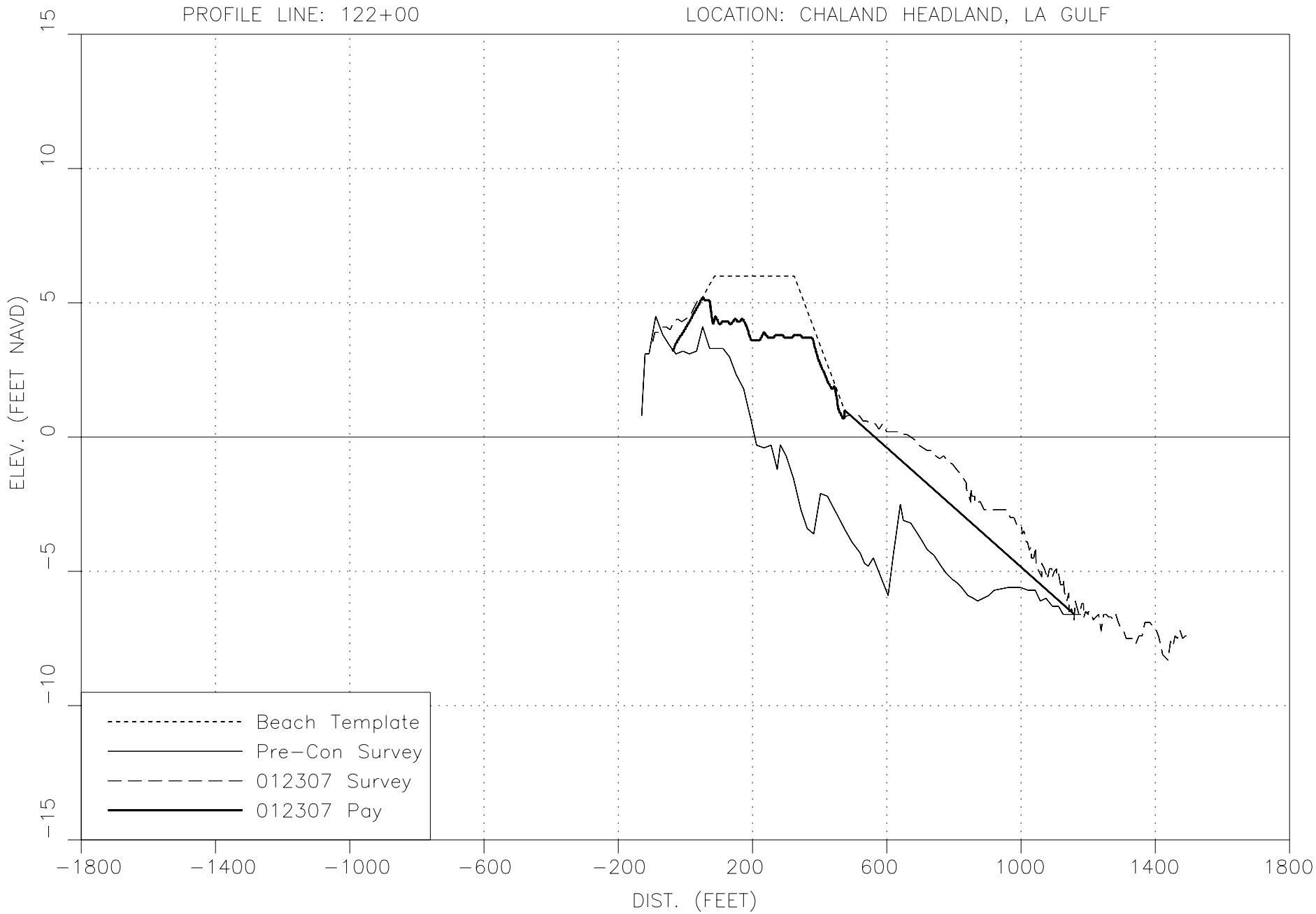
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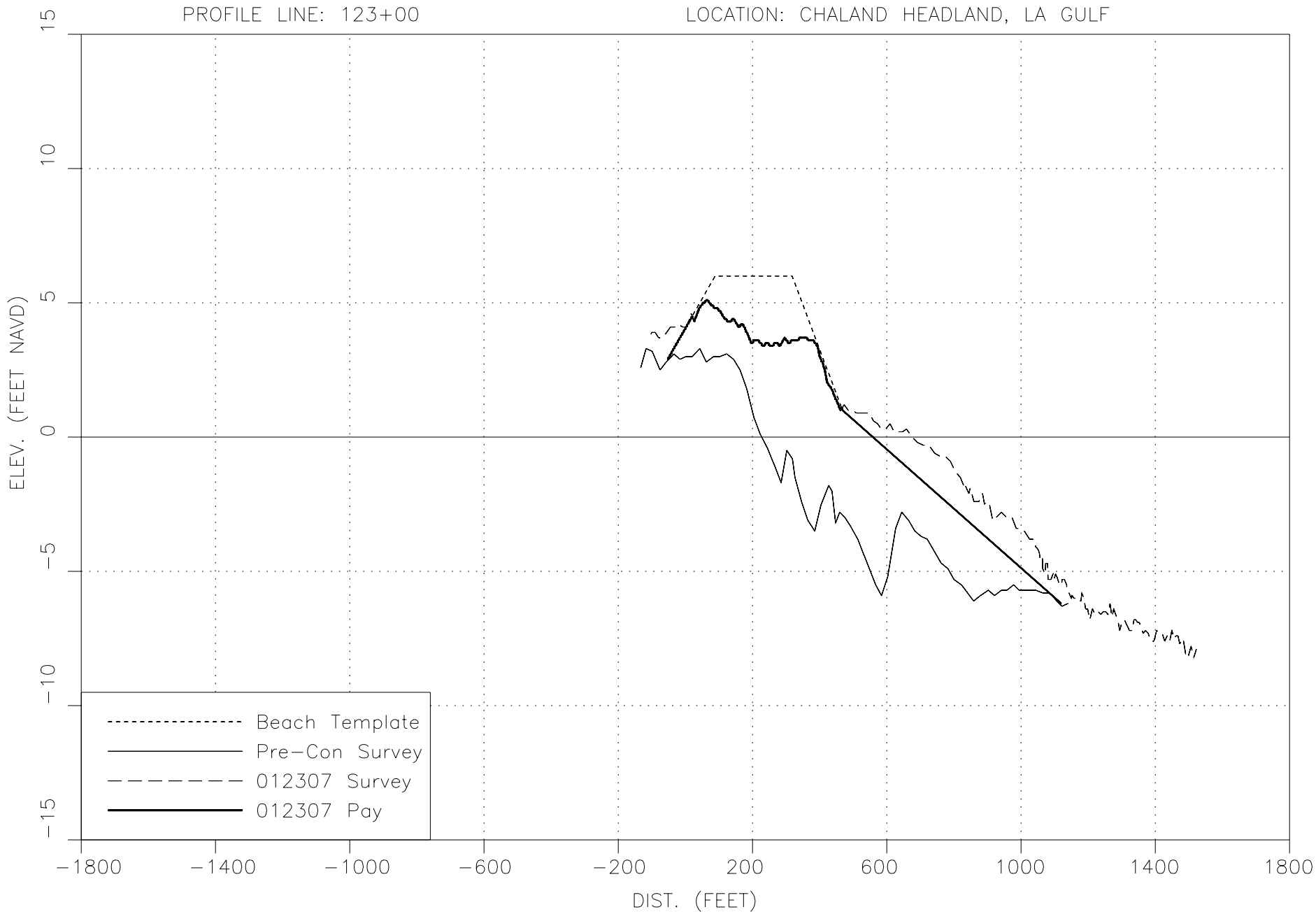
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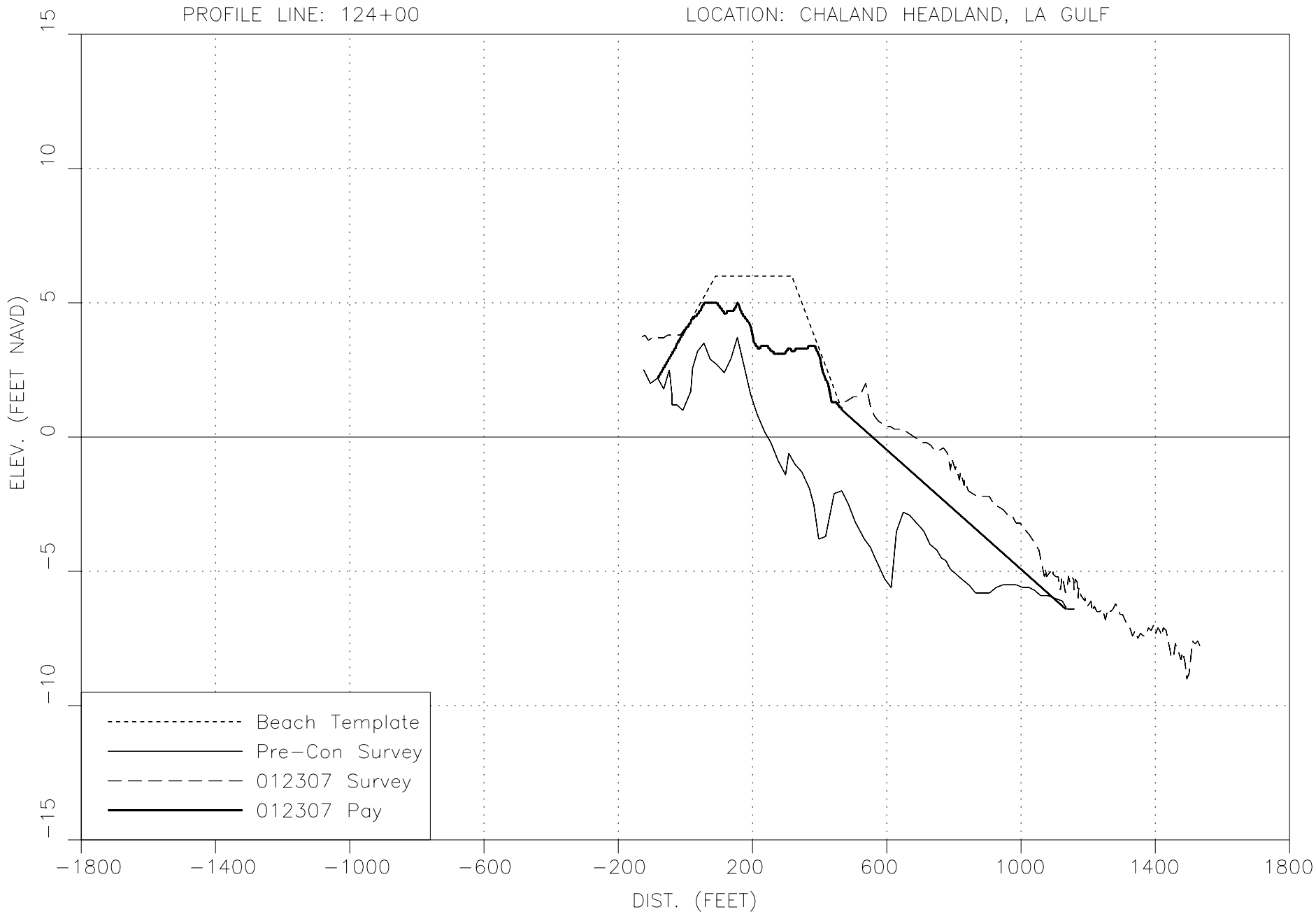
012307 Pay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Beach Template
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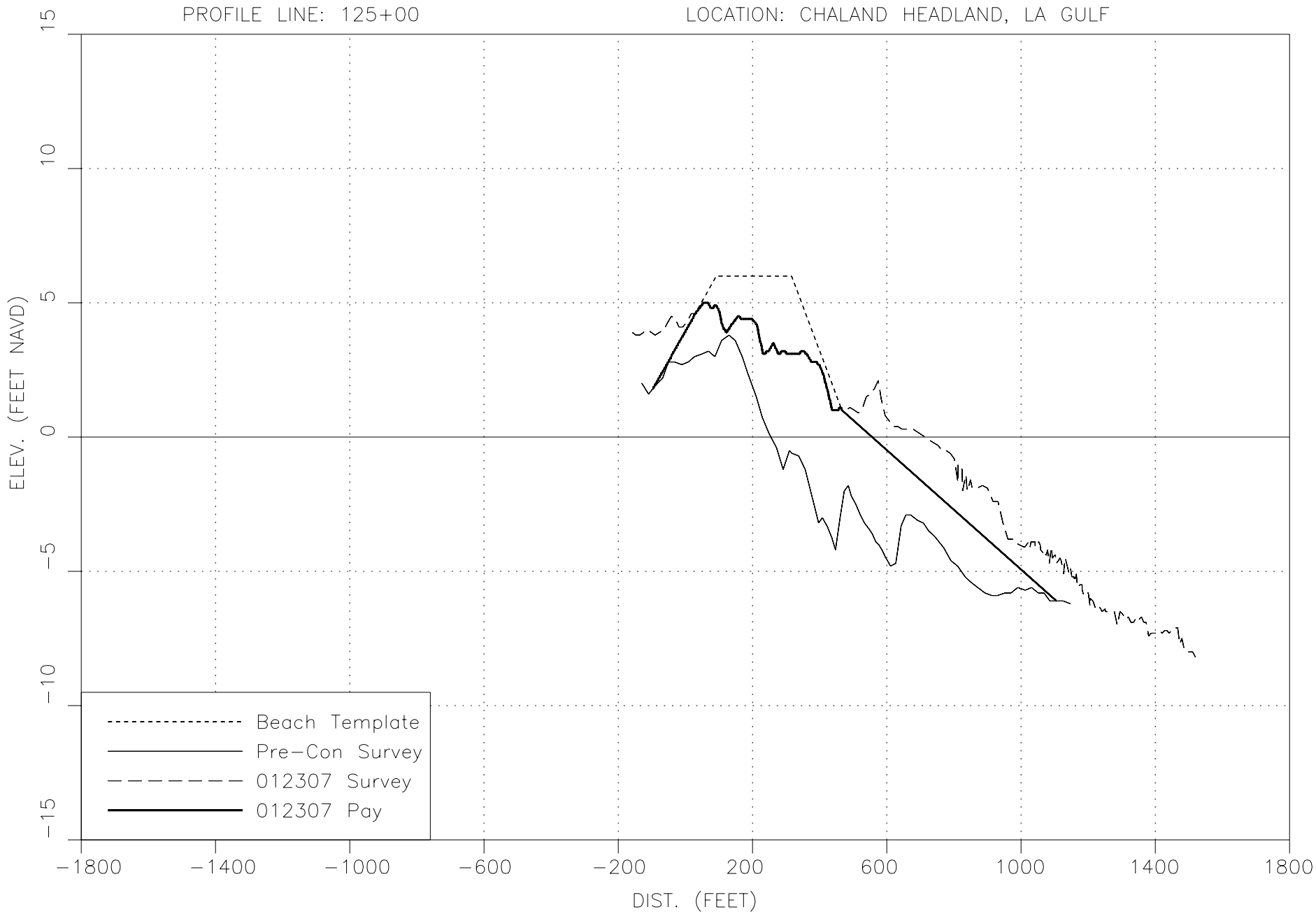
012307 Survey
012307 Pay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DIST. (FEET)
Beach Template
Pre−Con Survey
012307 Survey
012307 Pay

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DIST. (FEET)
Beach Template
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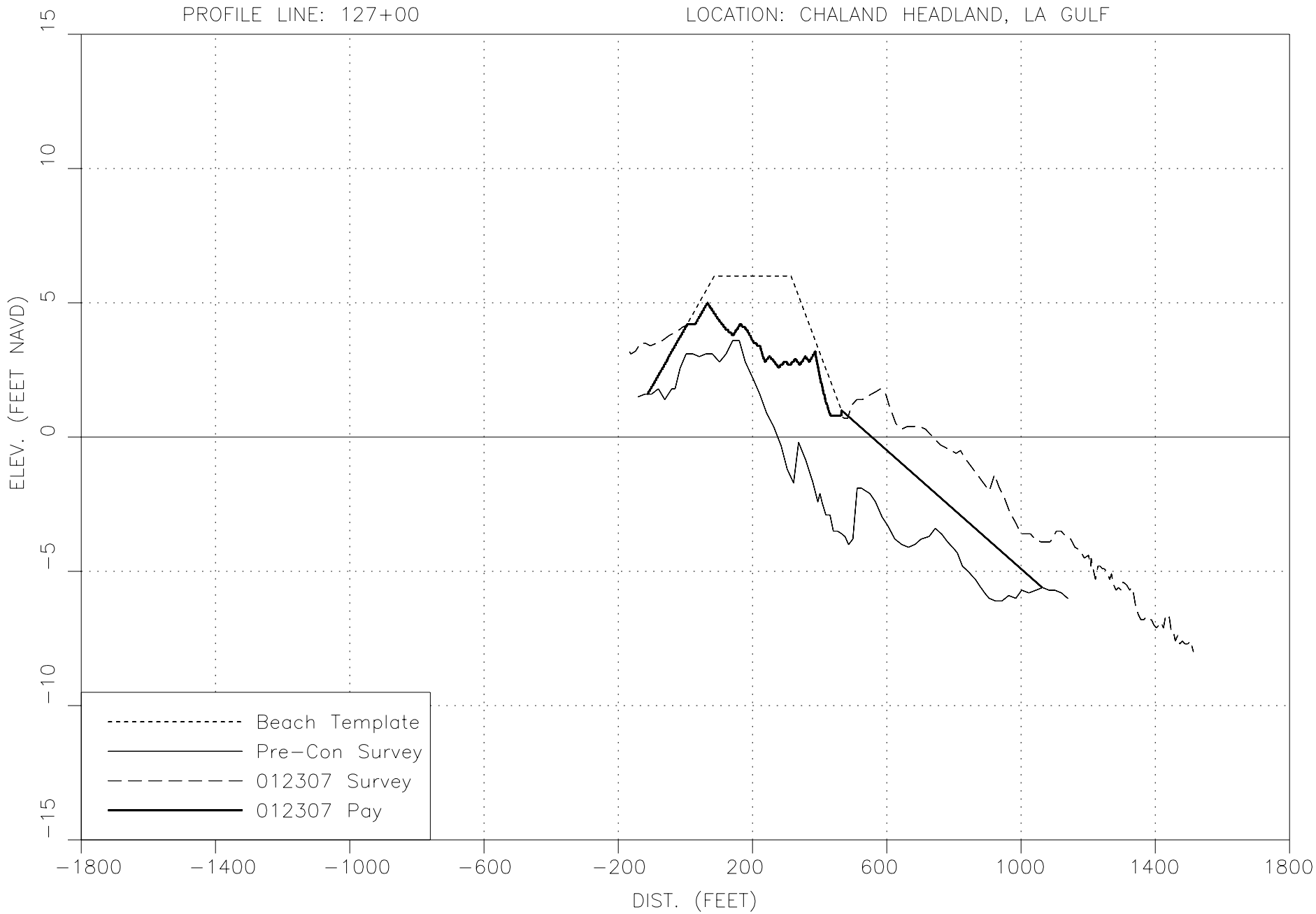
012307 Survey
012307 Pay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Beach Template
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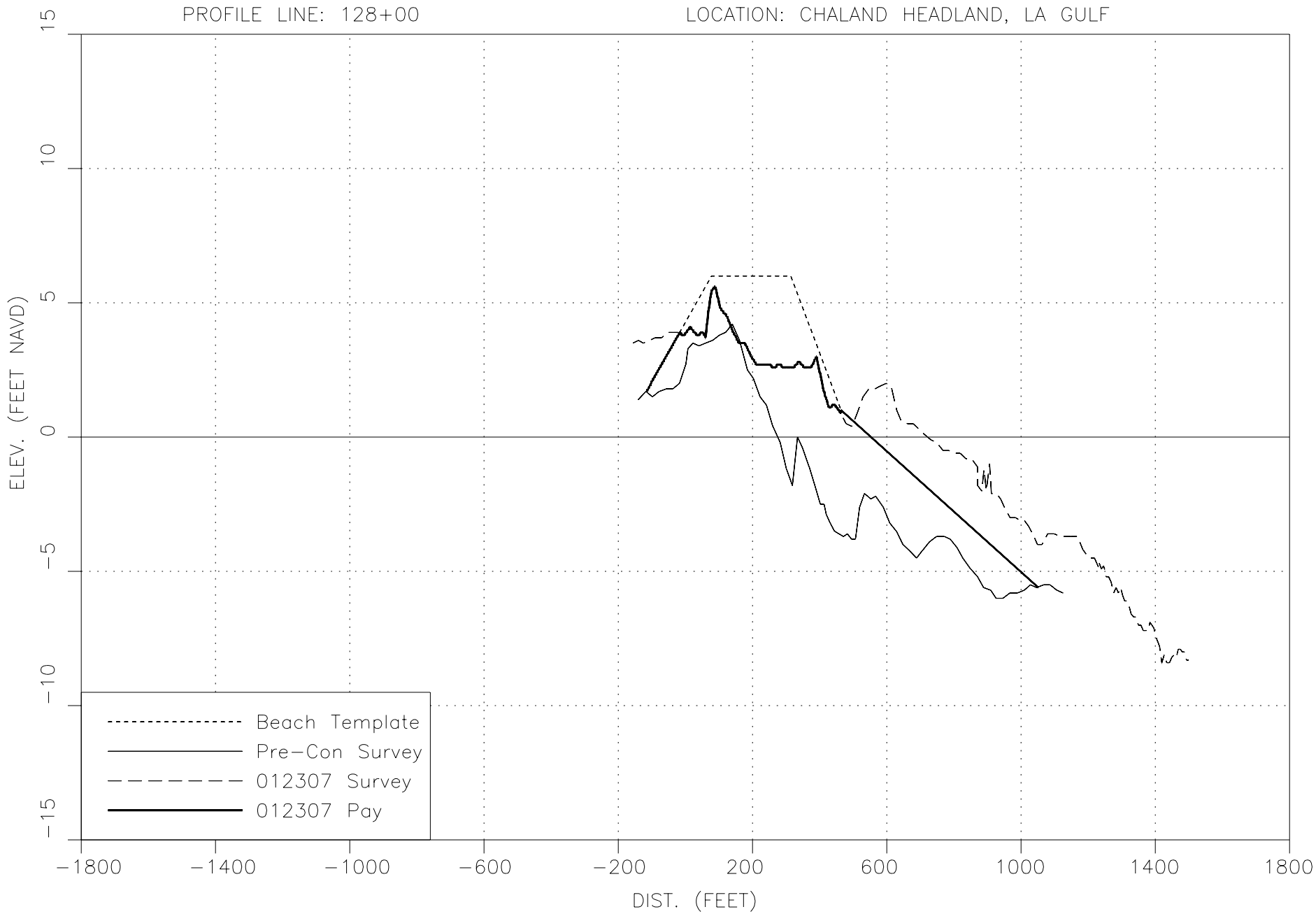
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Beach Template
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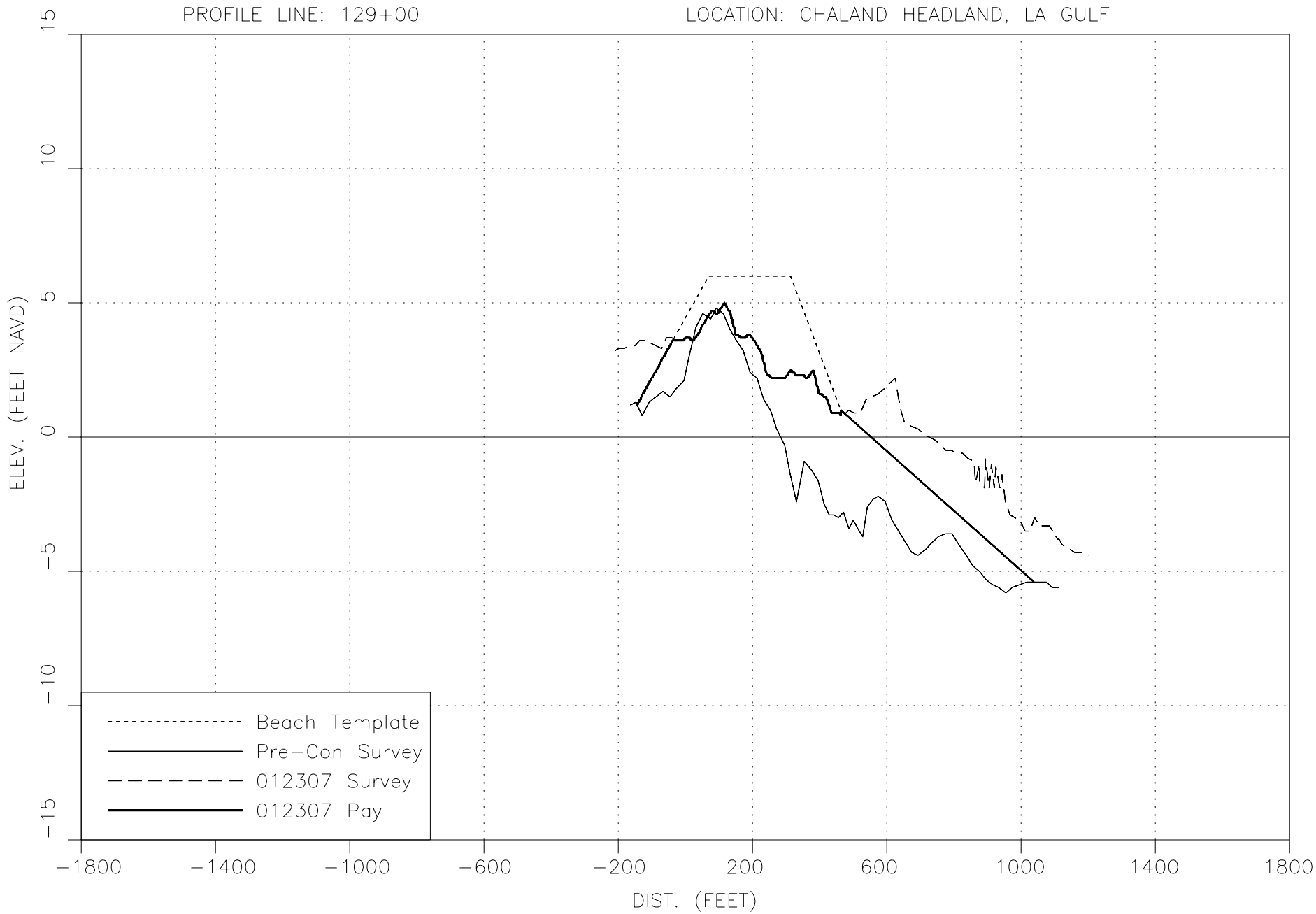
012307 Pay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DIST. (FEET)
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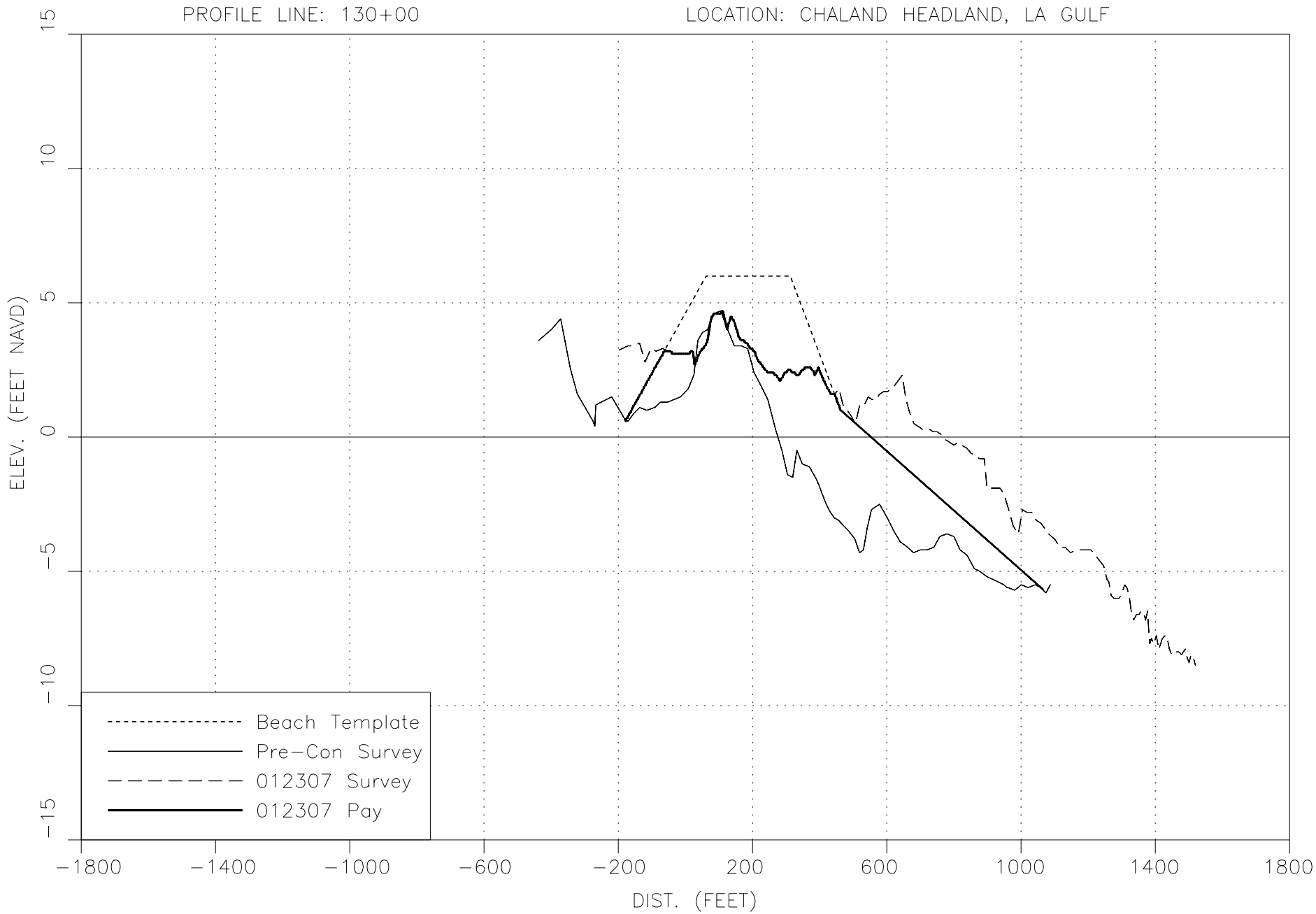
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DIST. (FEET)
Beach Template
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012307 Survey
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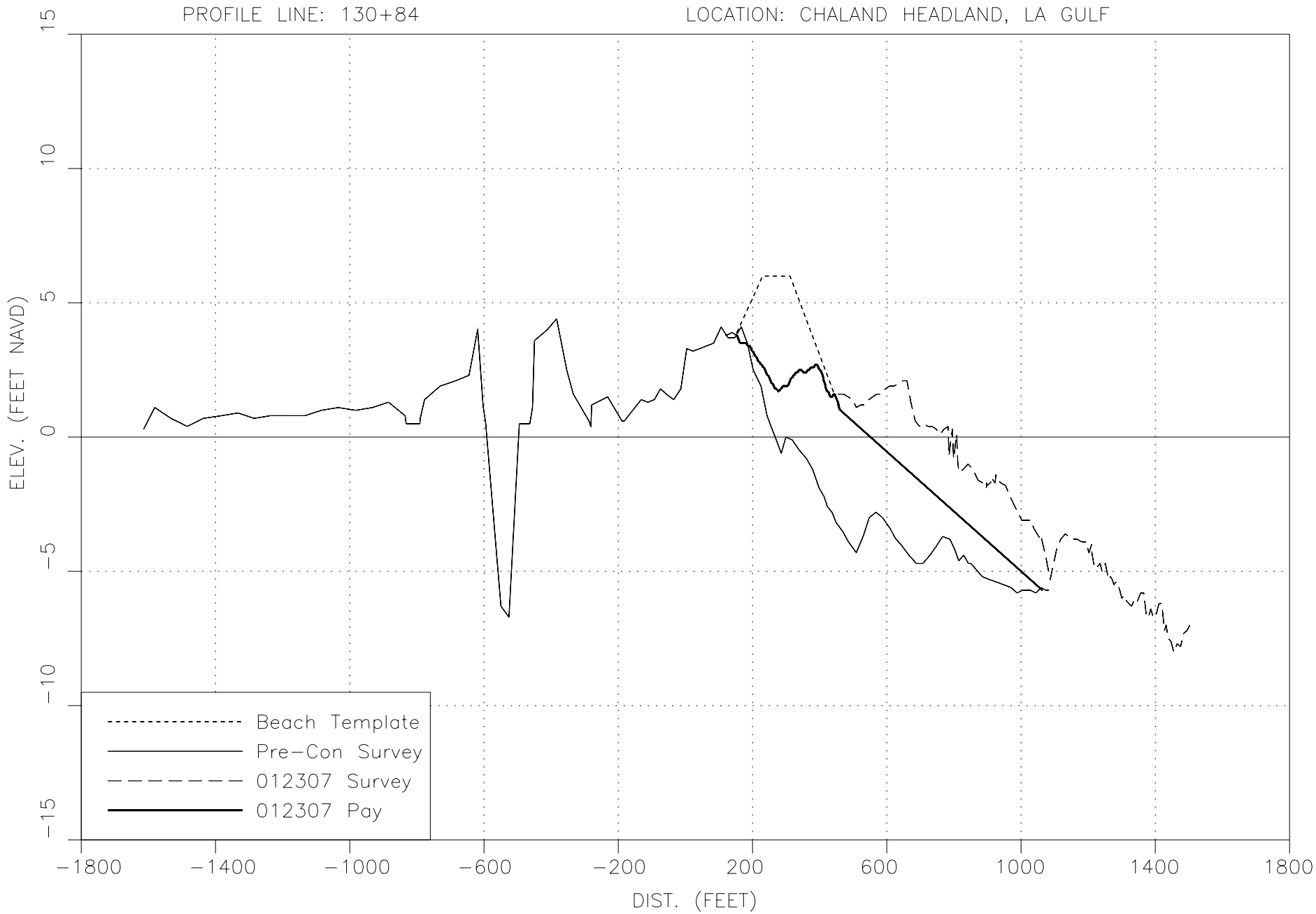
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Beach Template
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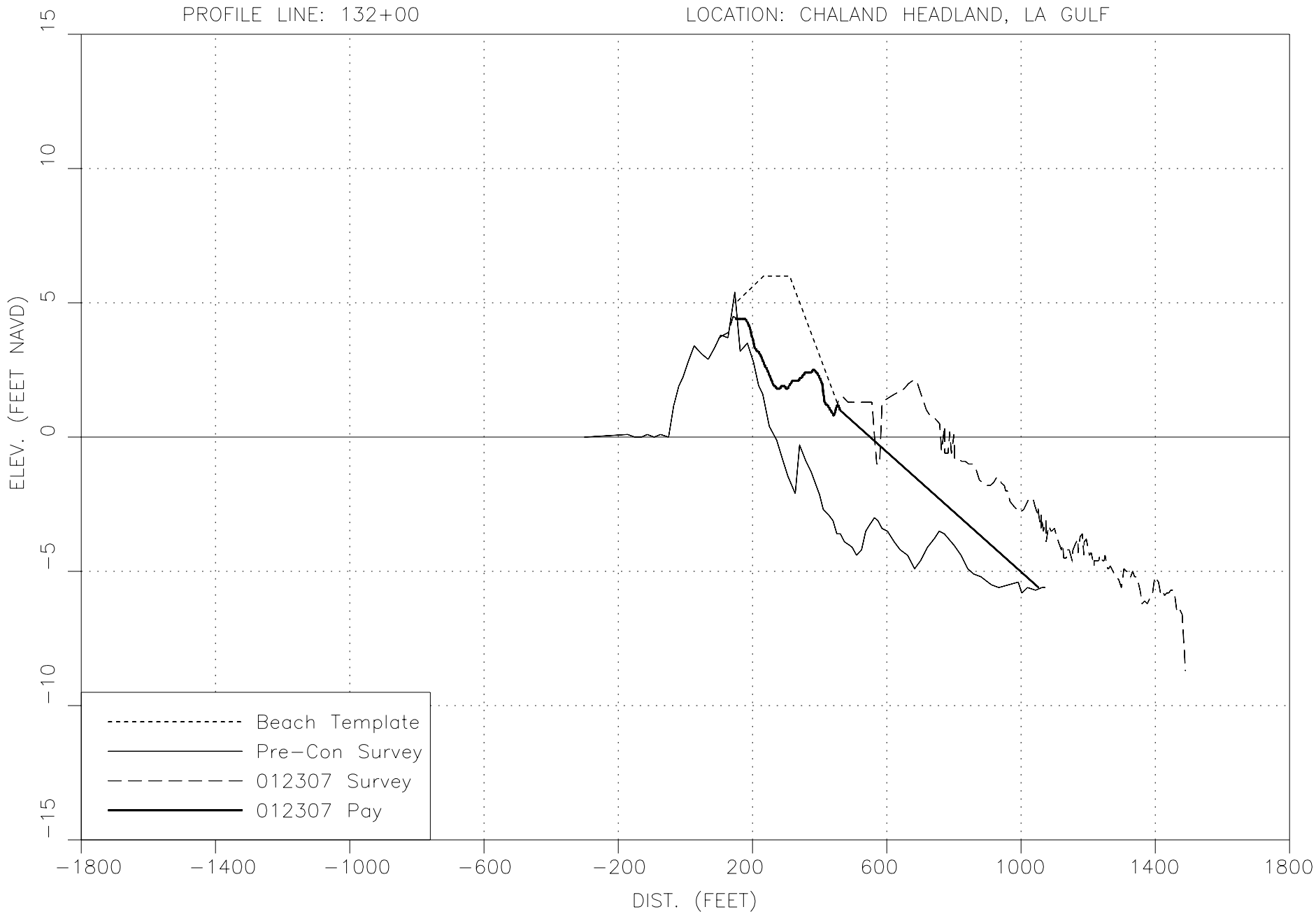
012307 Survey
012307 Pay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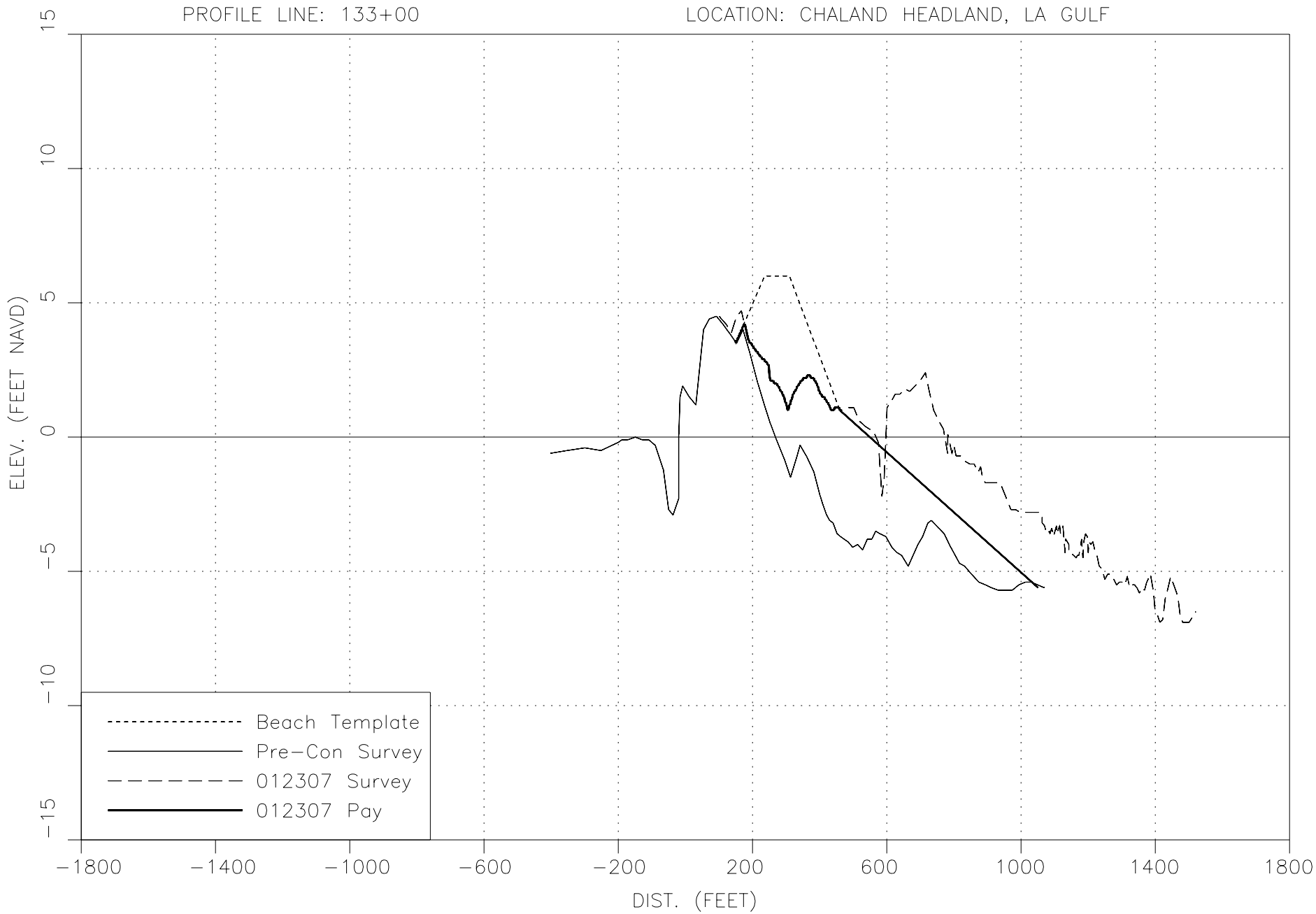
DIST. (FEET)
Beach Template
Pre−Con Survey
012307 Survey
012307 Pay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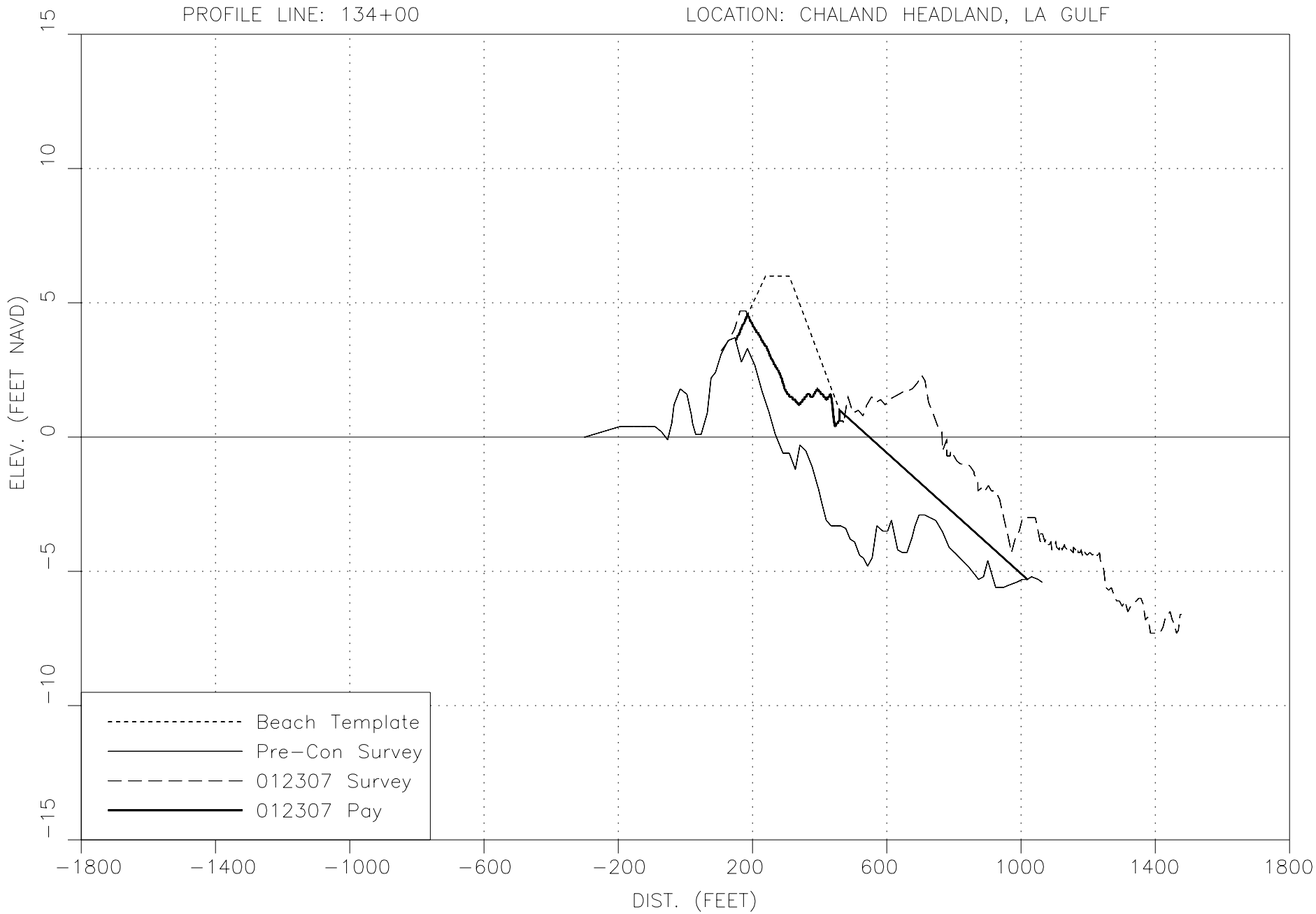
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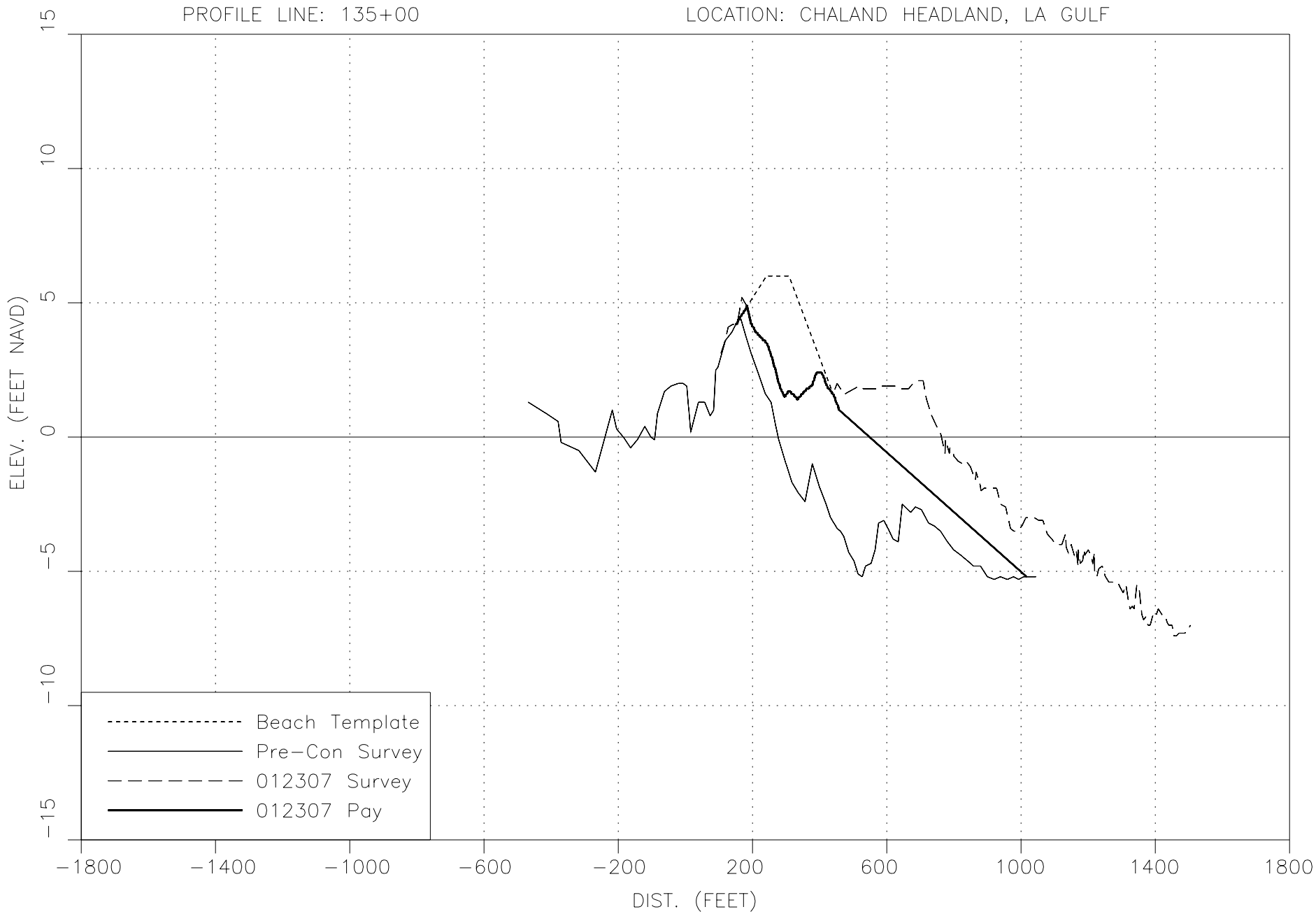
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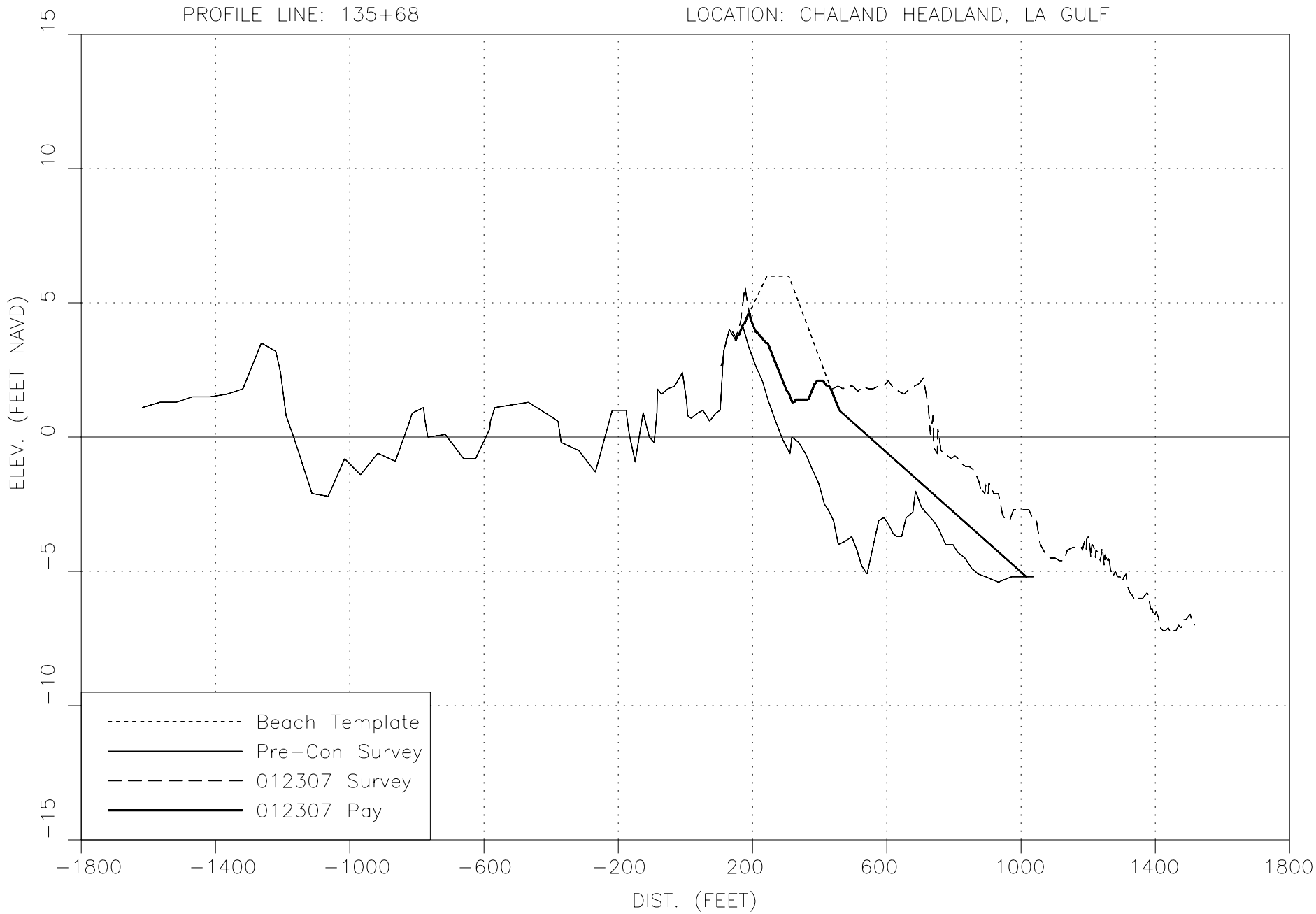
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Beach Template
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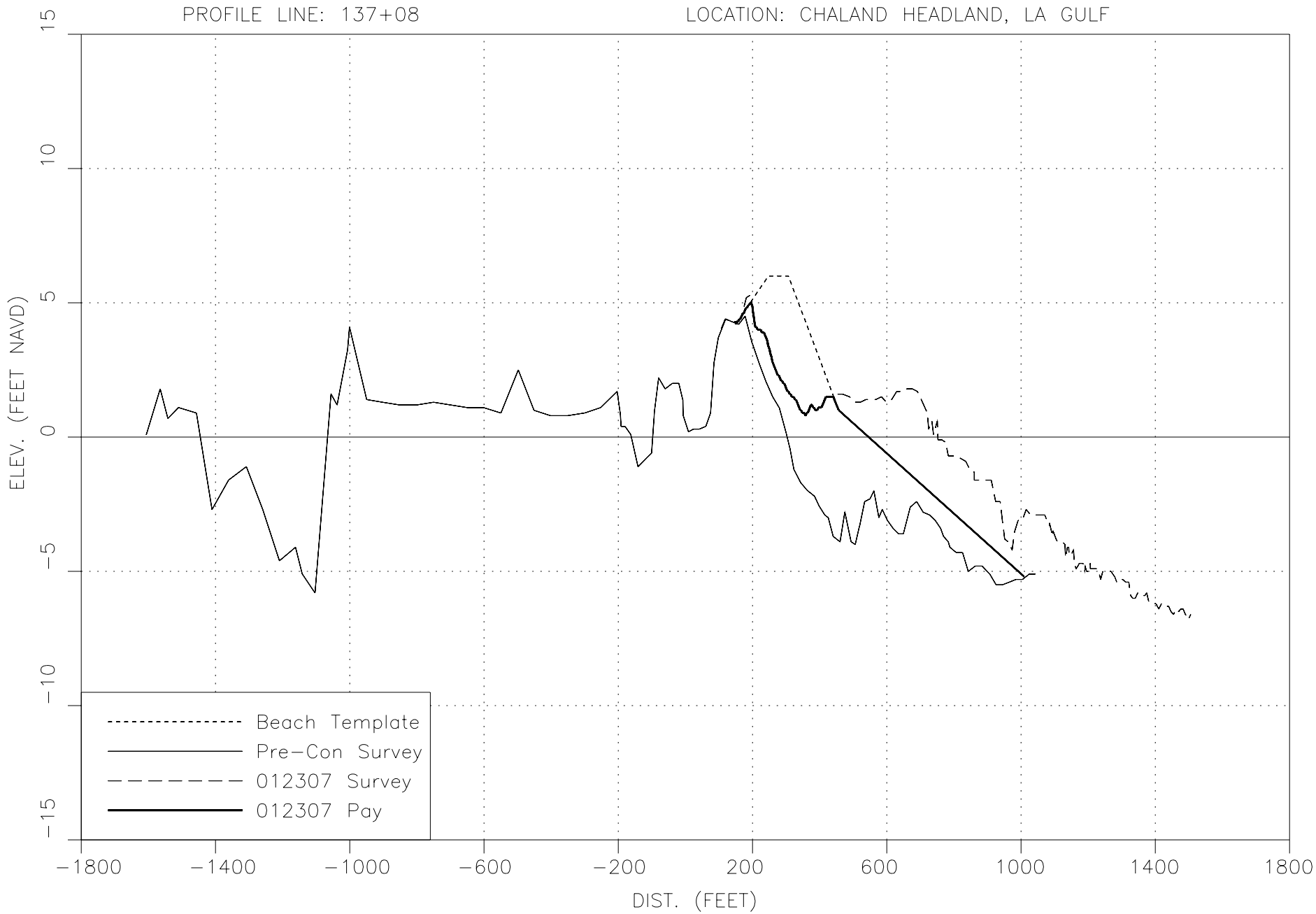
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DIST. (FEET)
Beach Template
Pre−Con Survey
012307 Survey
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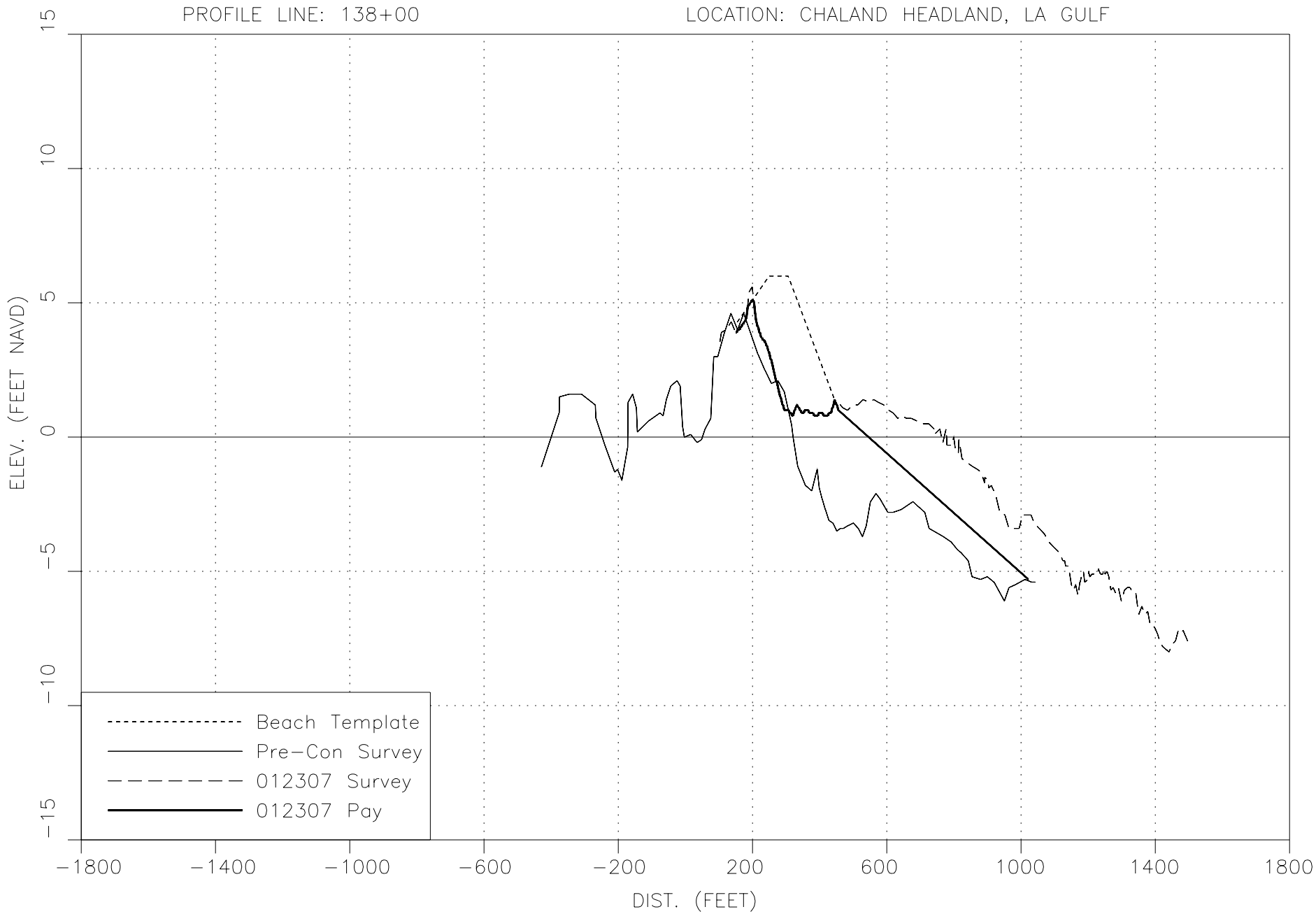
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DIST. (FEET)
Beach Template
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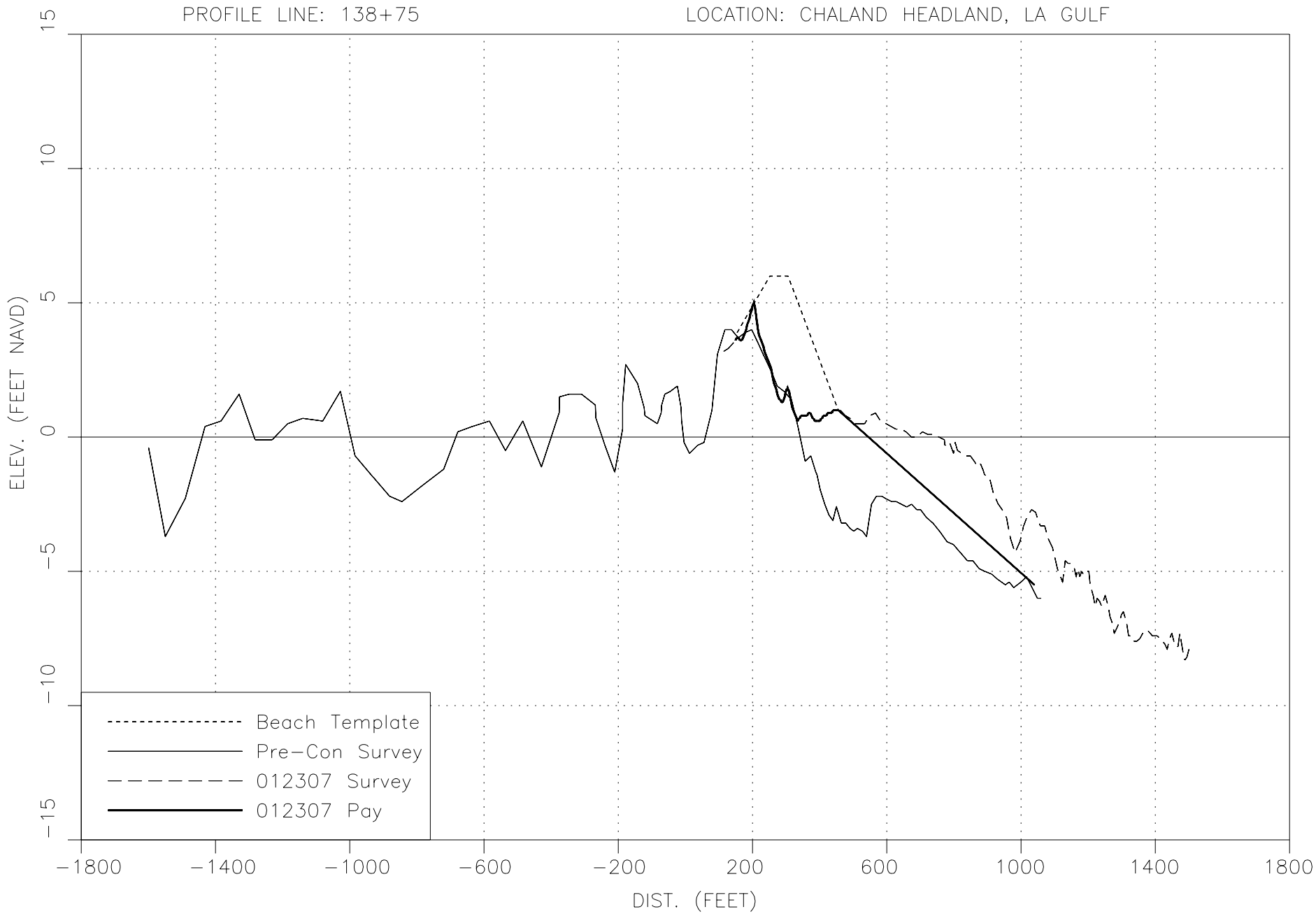
012307 Survey
012307 Pay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DIST. (FEET)
Beach Template
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012307 Survey
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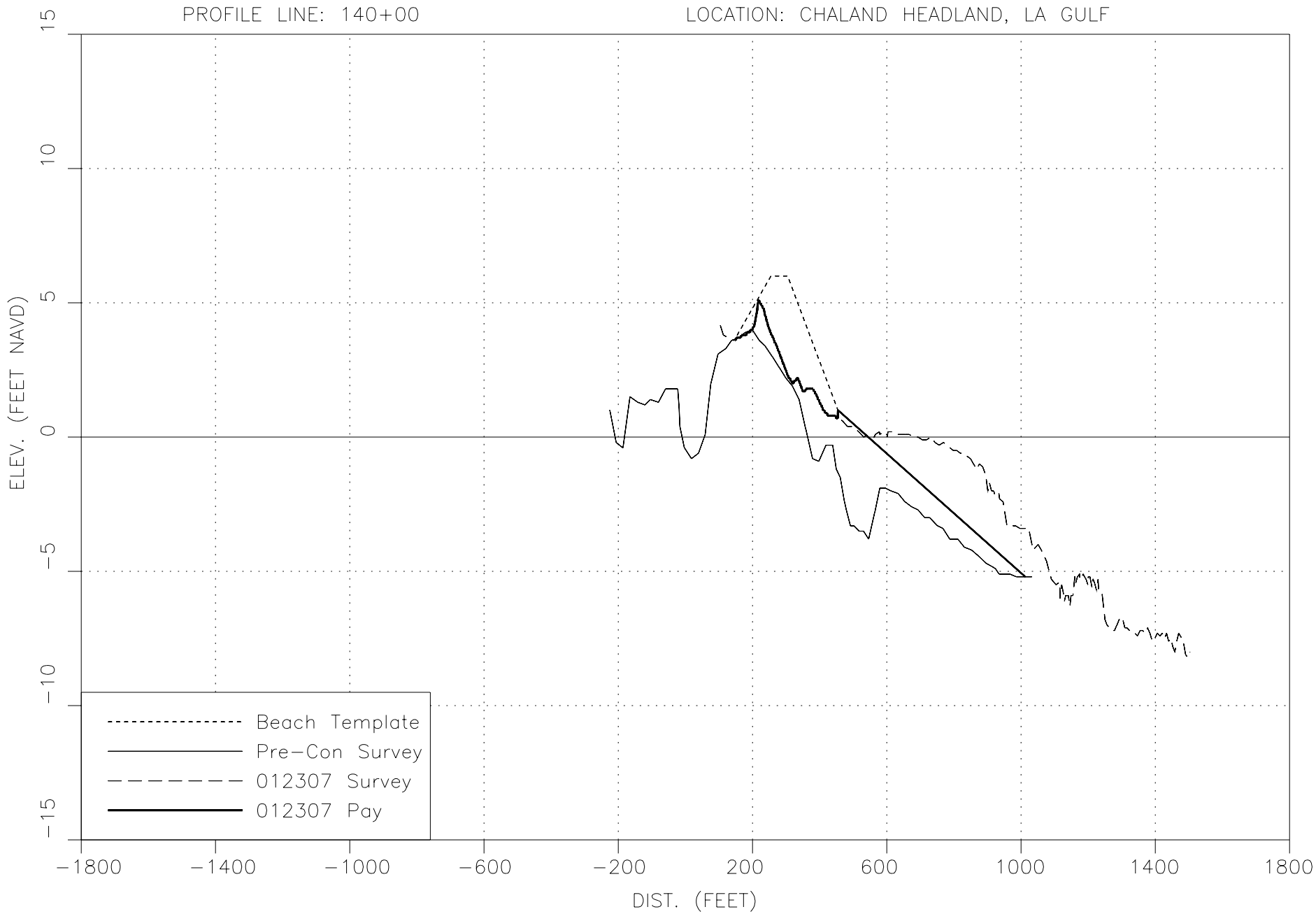
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012307 Pay

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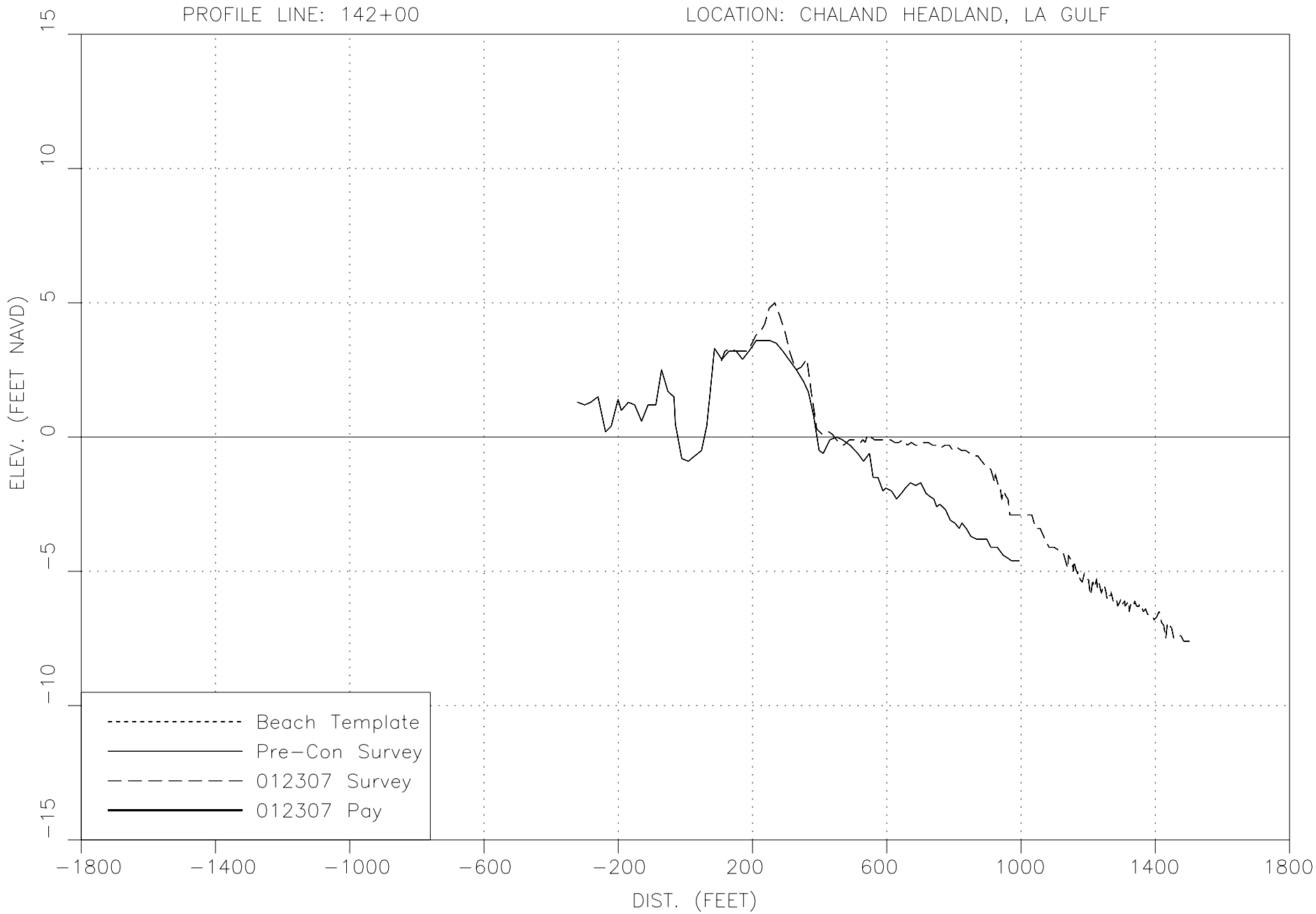
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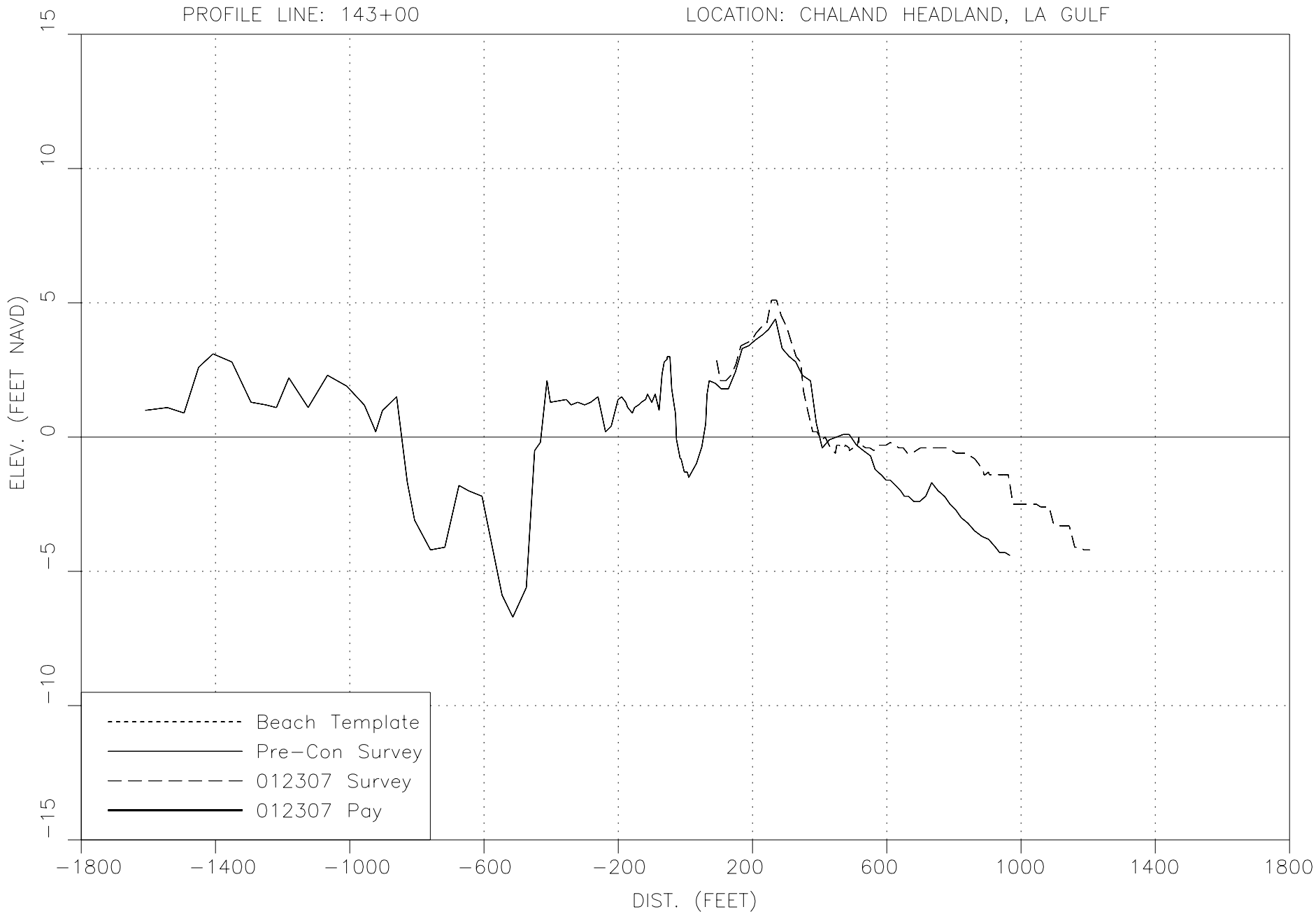
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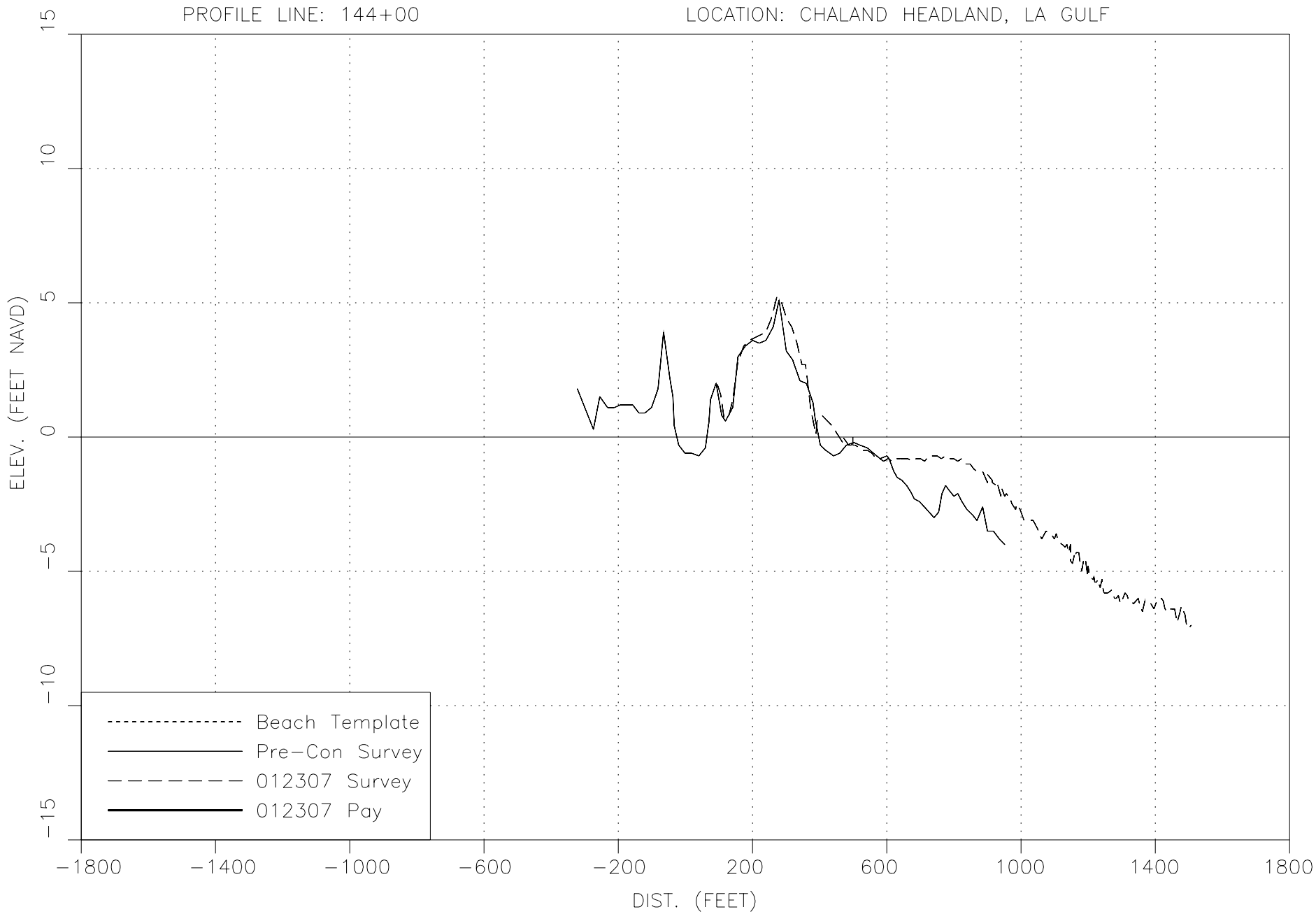
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Beach Template
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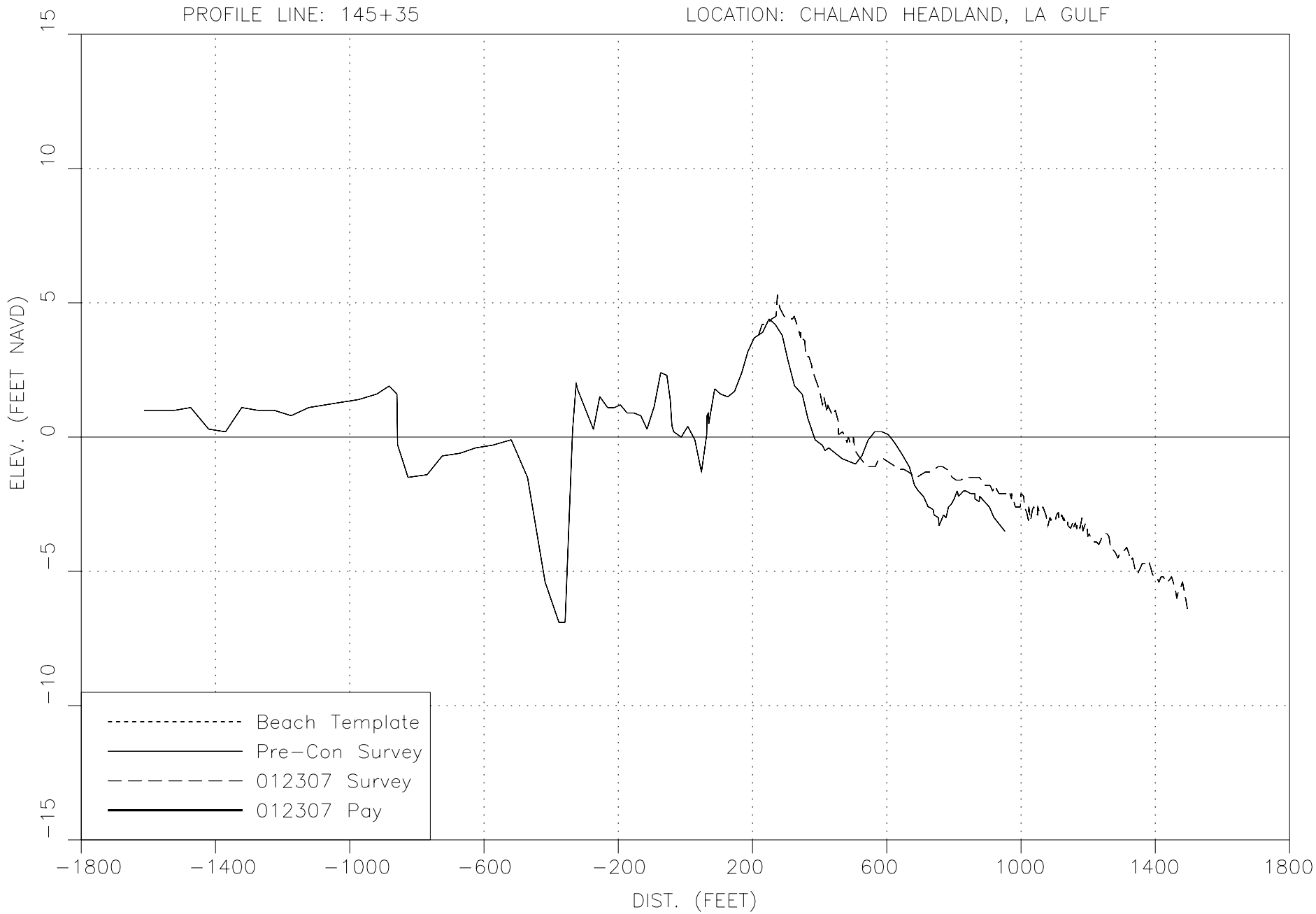
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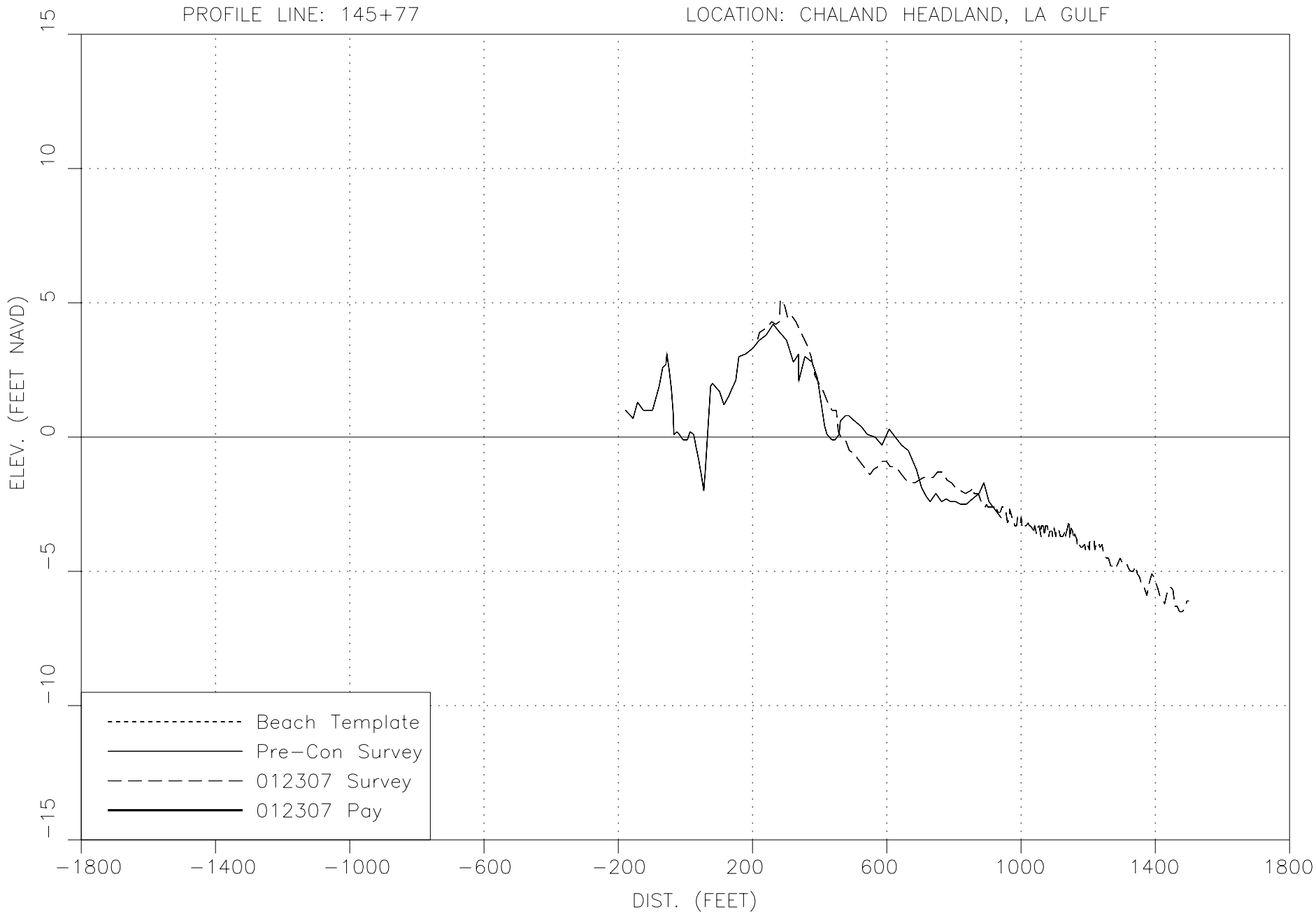
Beach Template
Pre−Con Survey
012307 Survey
012307 Pay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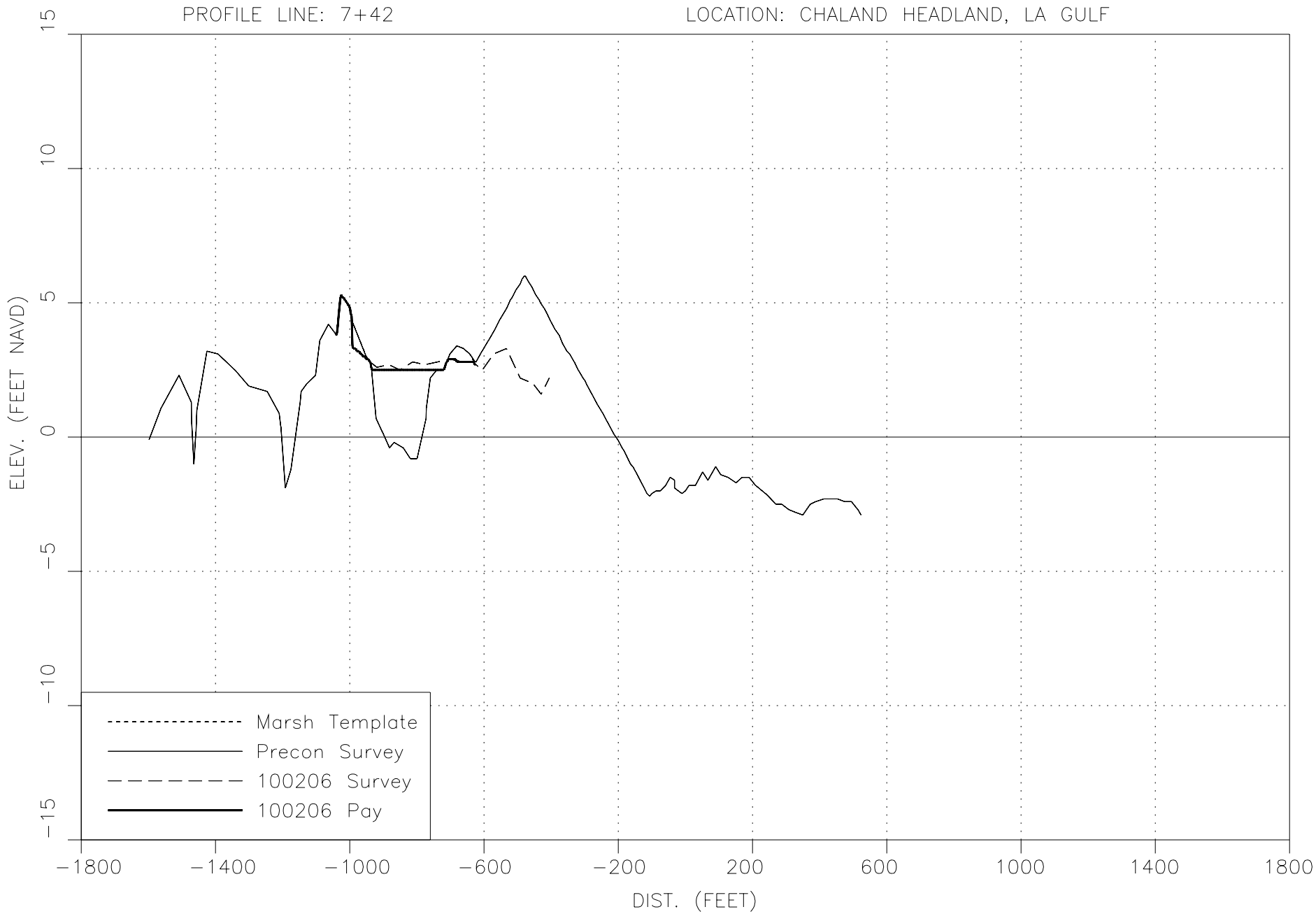
DIST. (FEET)
Beach Template
Pre−Con Survey
012307 Survey
012307 Pay

APPENDIX A

AS-BUILT DRAWINGS AND SURVEY DATA

MARSH PROFILES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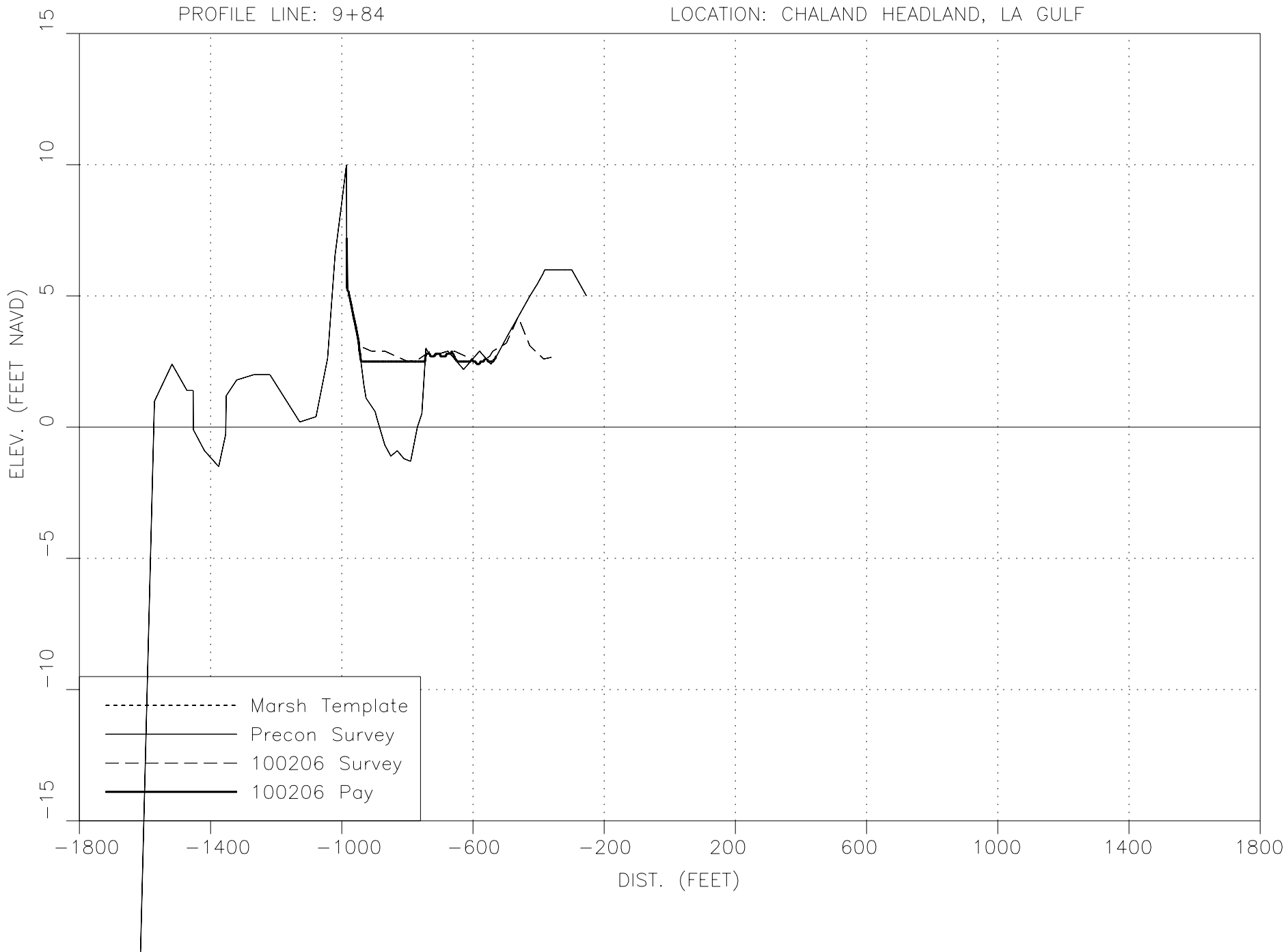
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 9+84
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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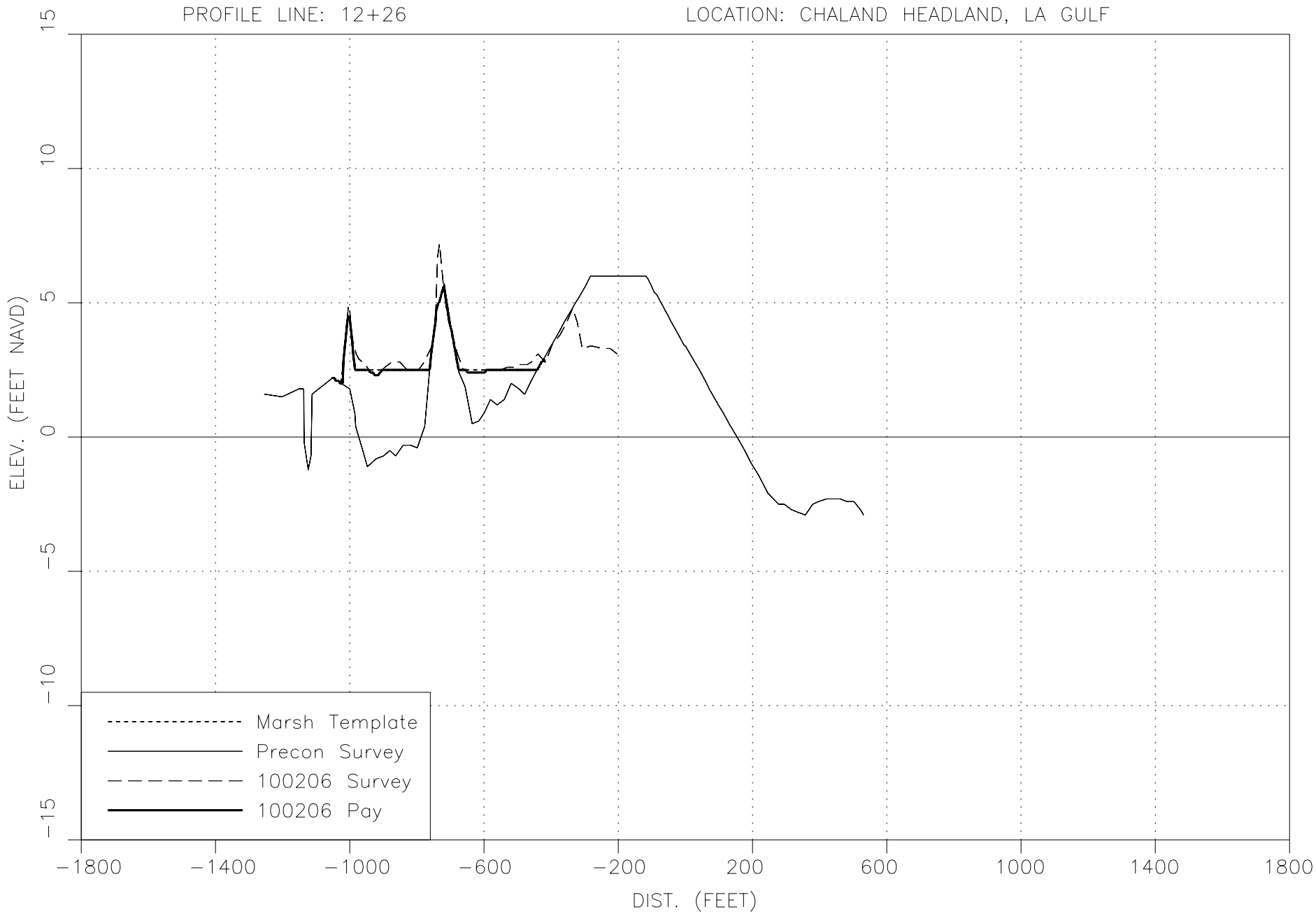
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 12+26
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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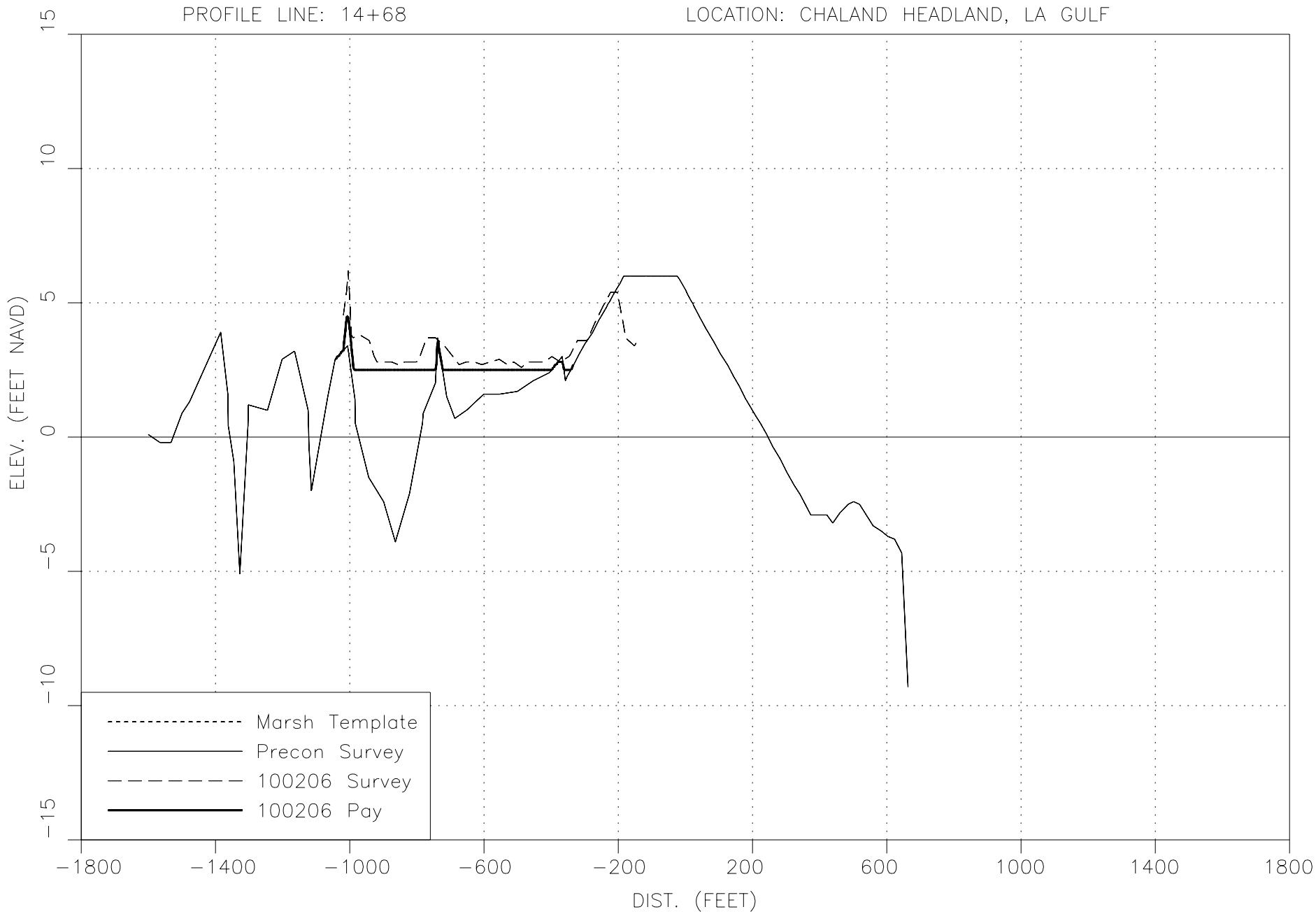
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 14+68
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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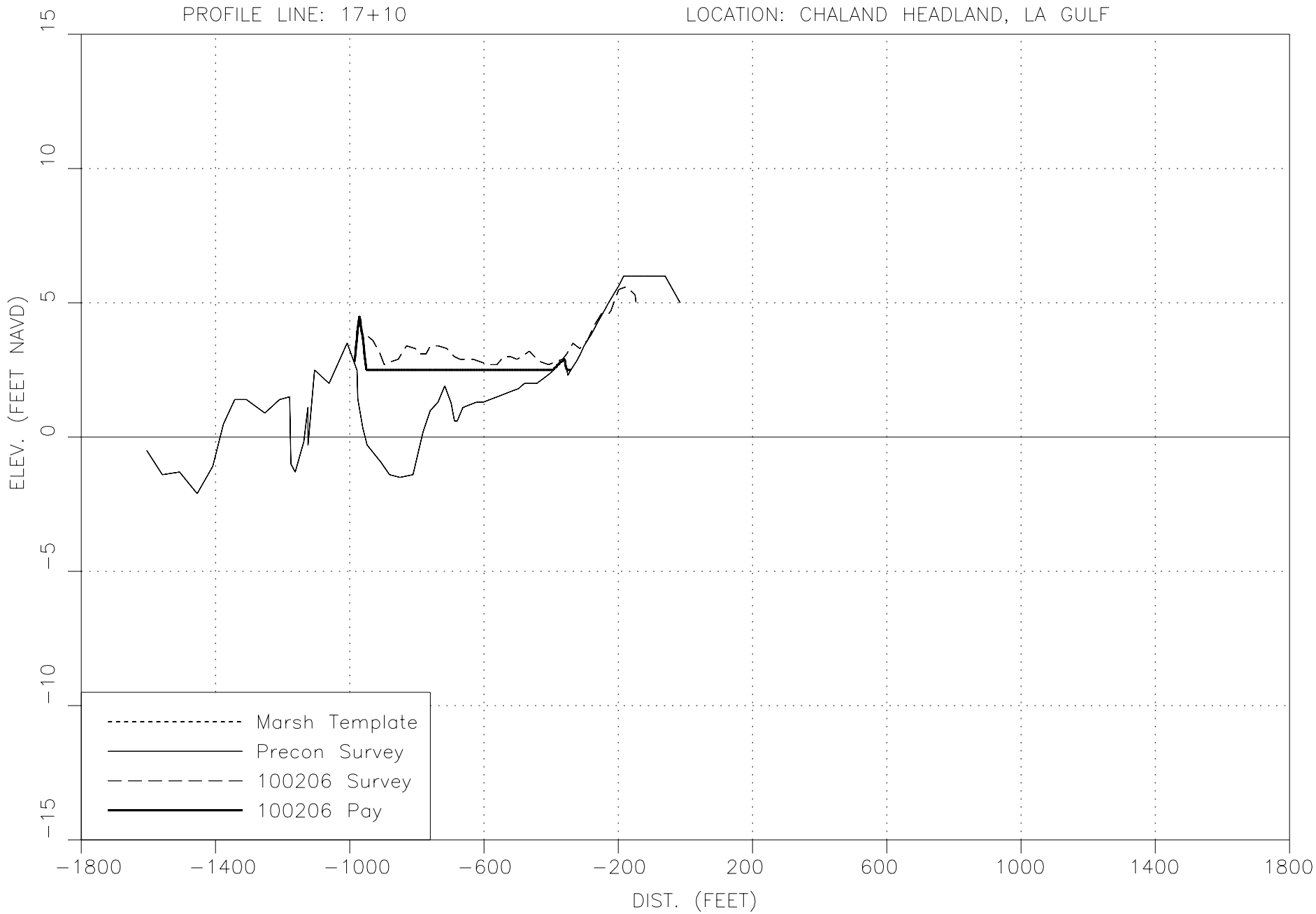
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 17+10
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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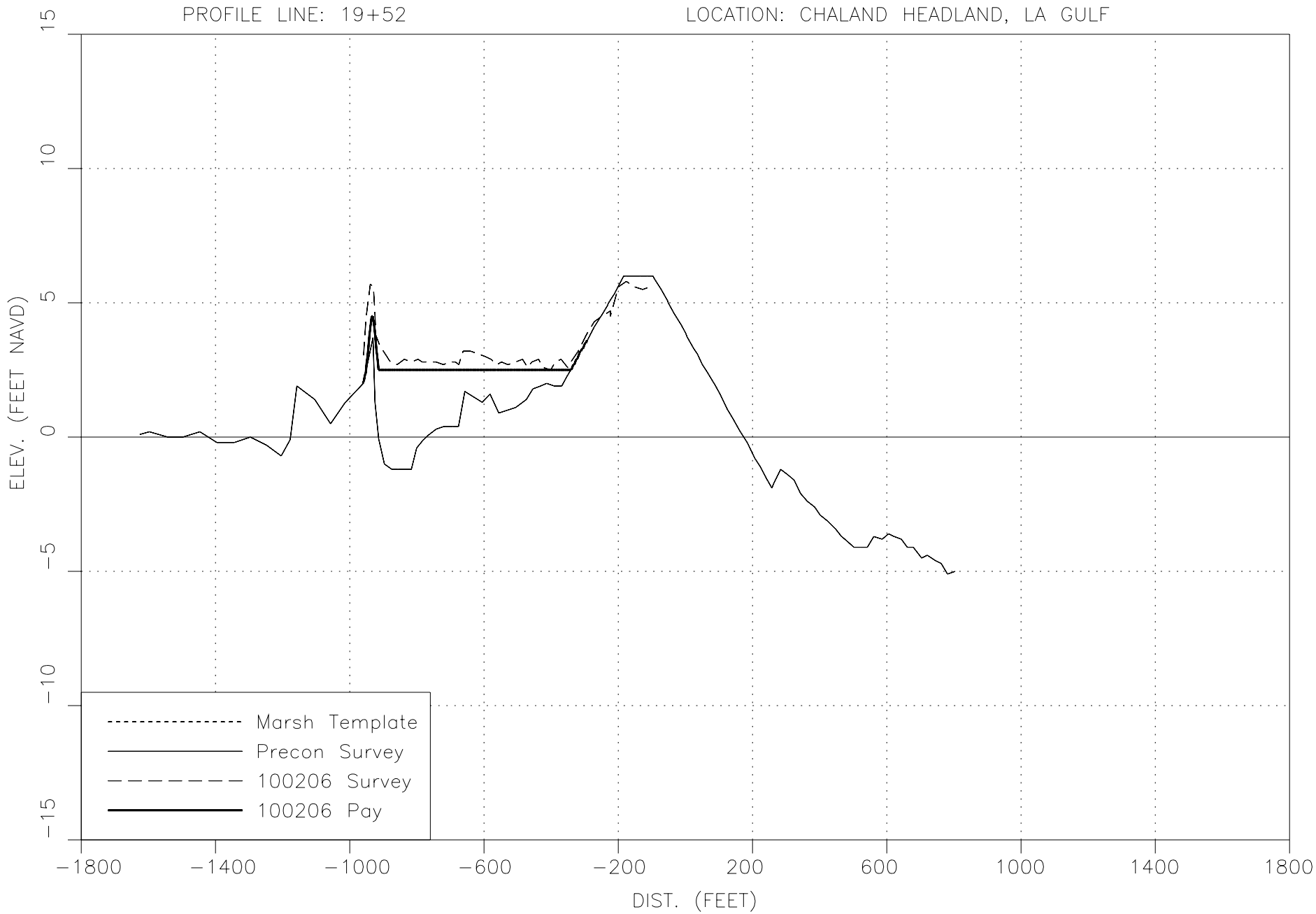
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 19+52
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ELEV. (FEET NAVD)
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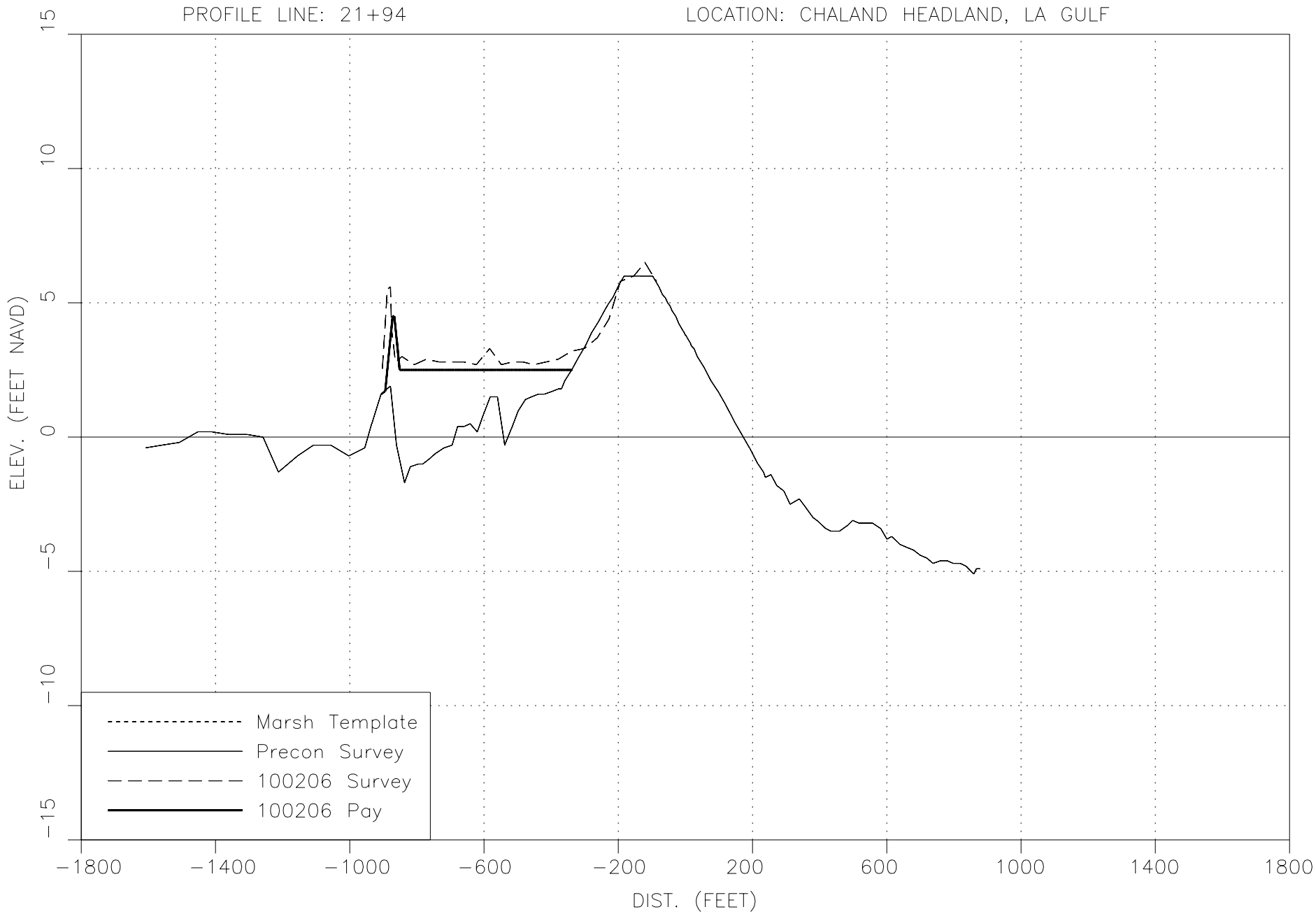
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 21+94
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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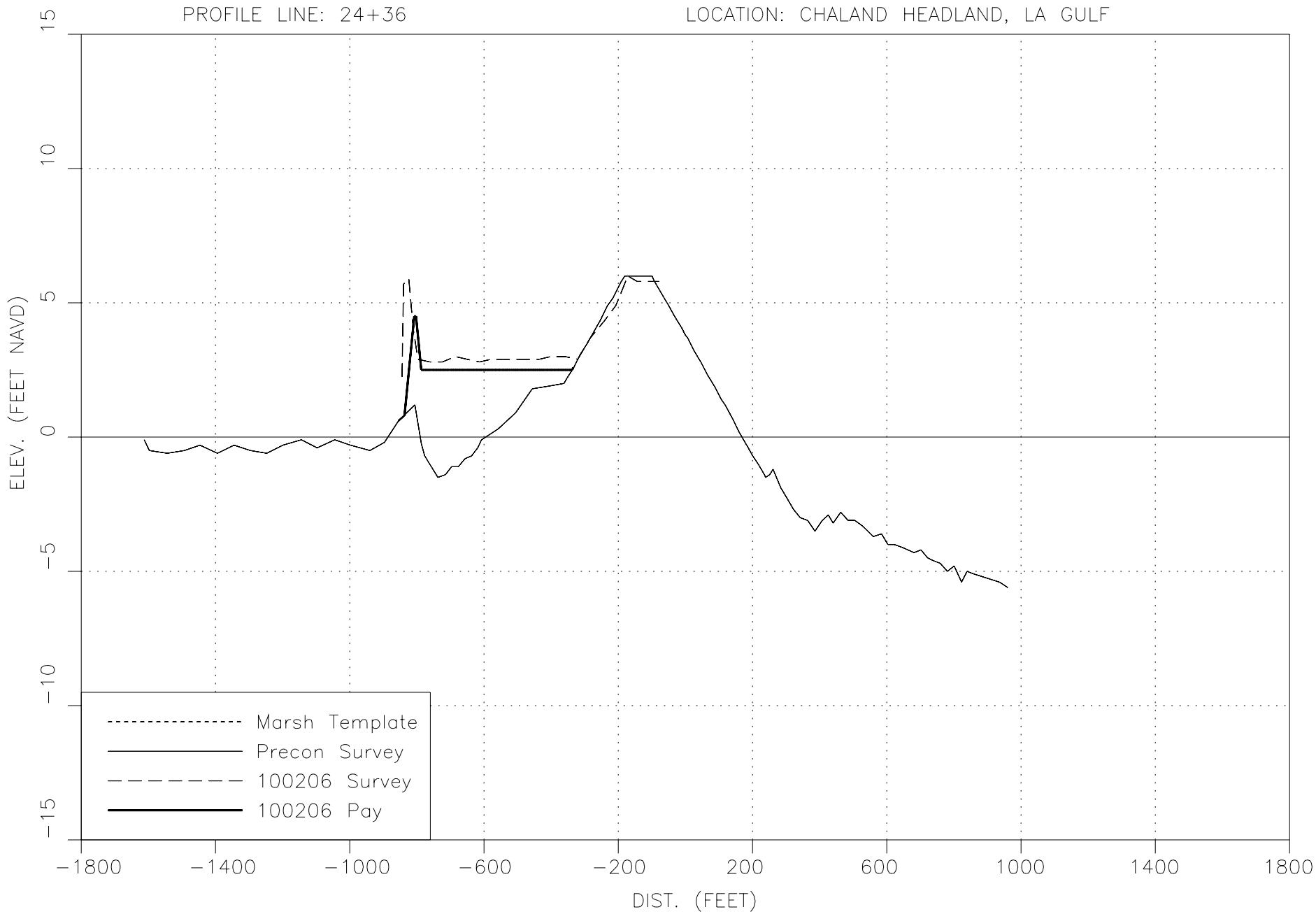
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 24+36
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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DIST. (FEET)
Marsh Template
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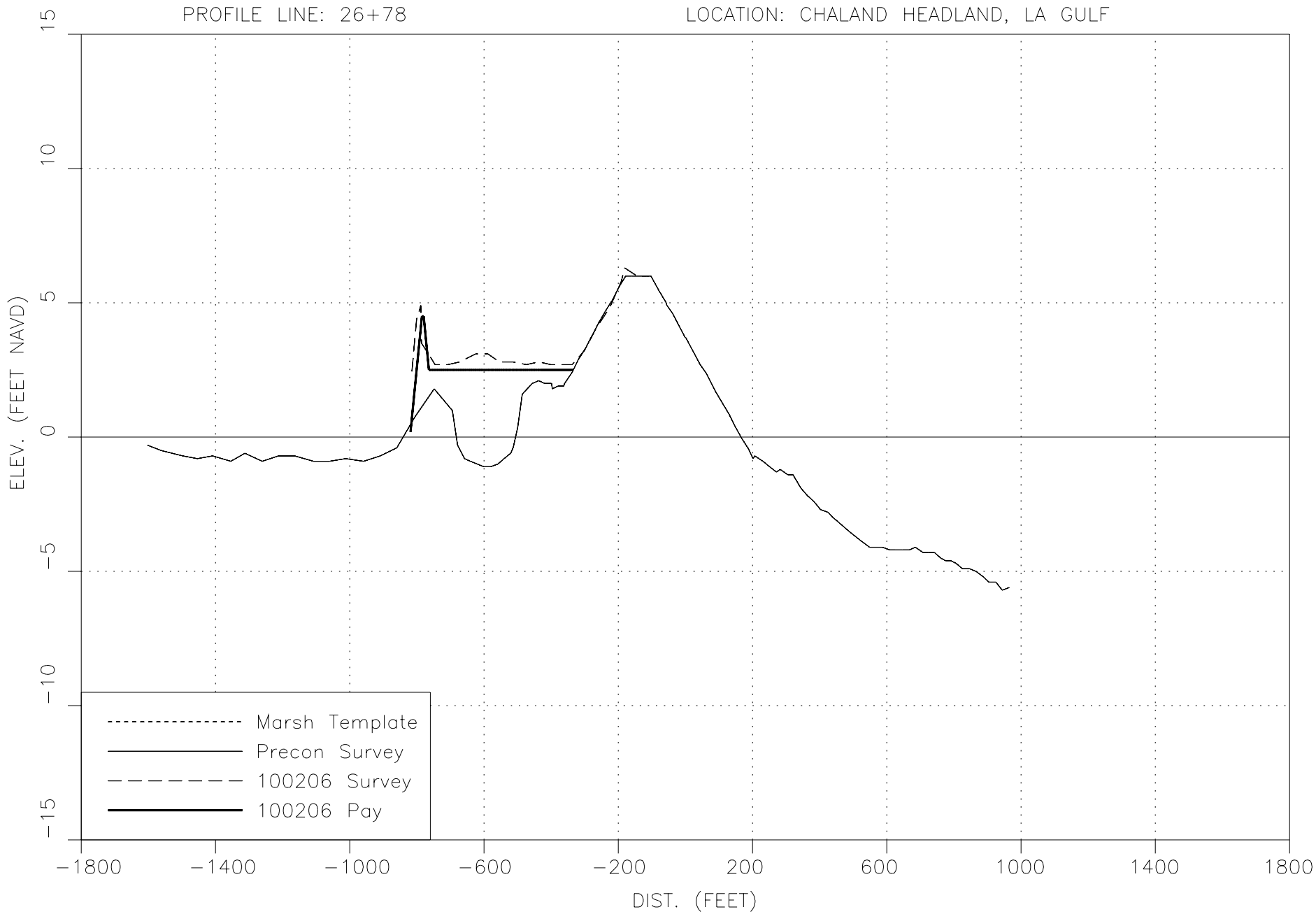
100206 Survey
100206 Pay


PROFILE LINE: 26+78
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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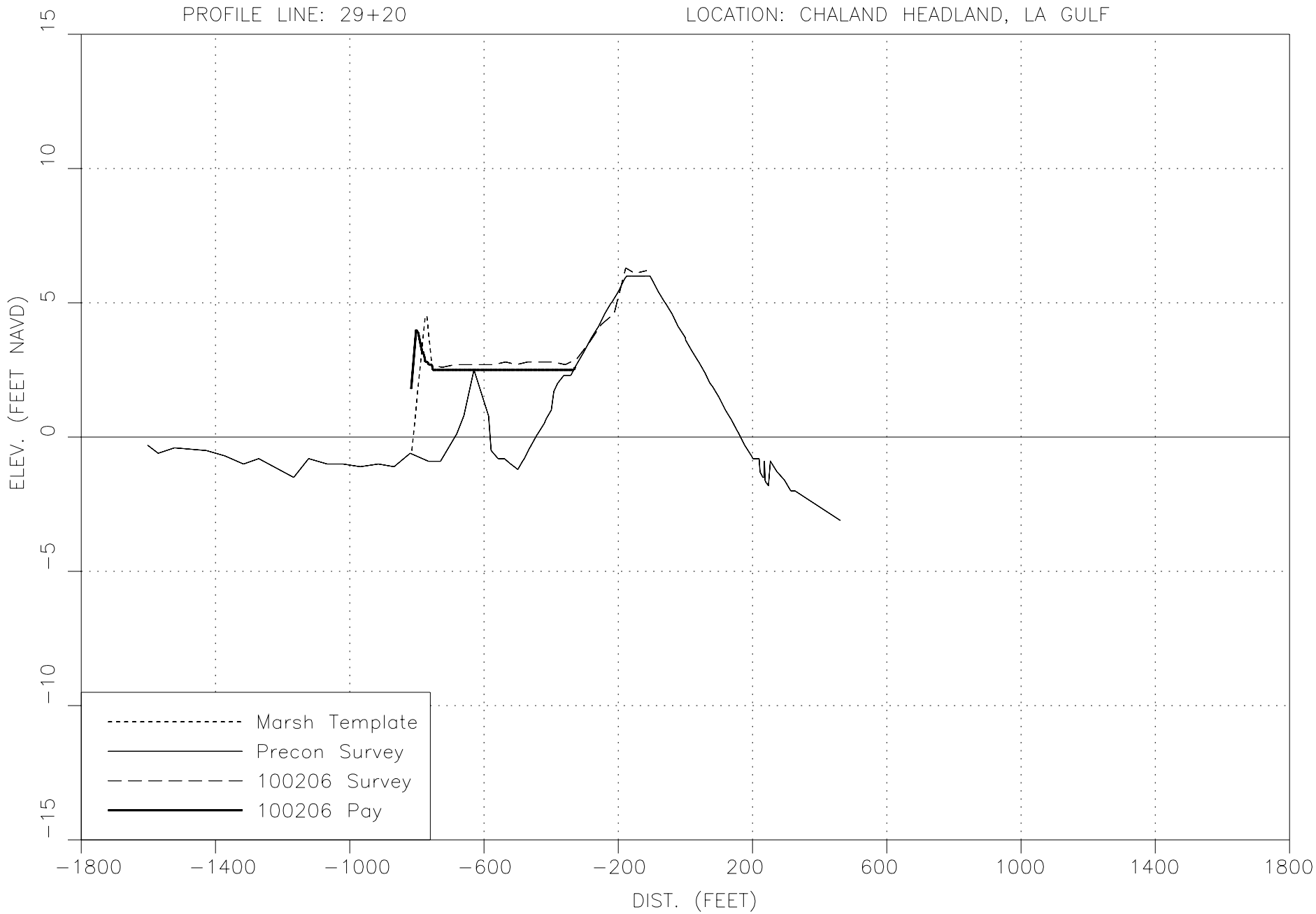
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 29+20
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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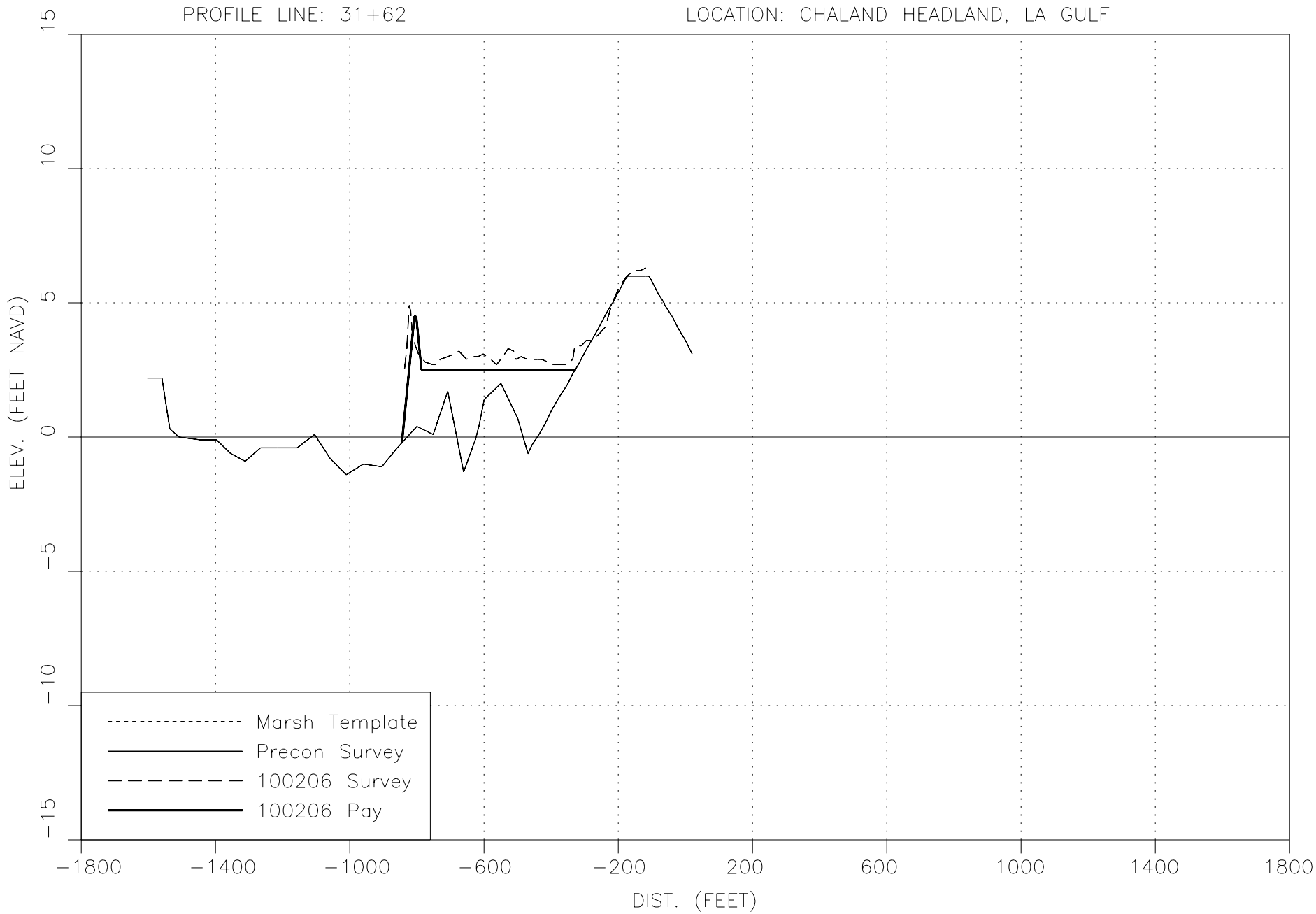
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 31+62
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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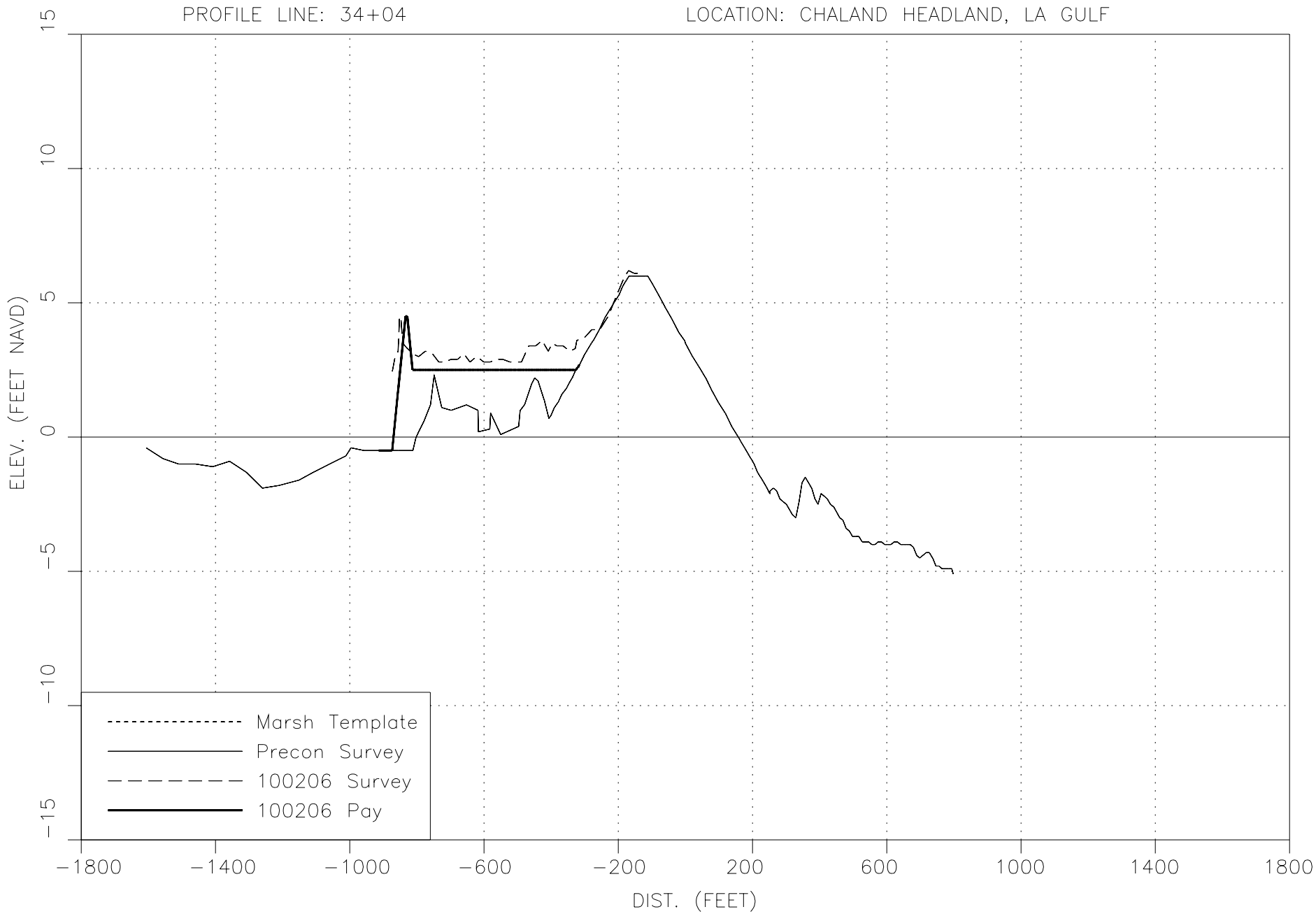
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 34+04
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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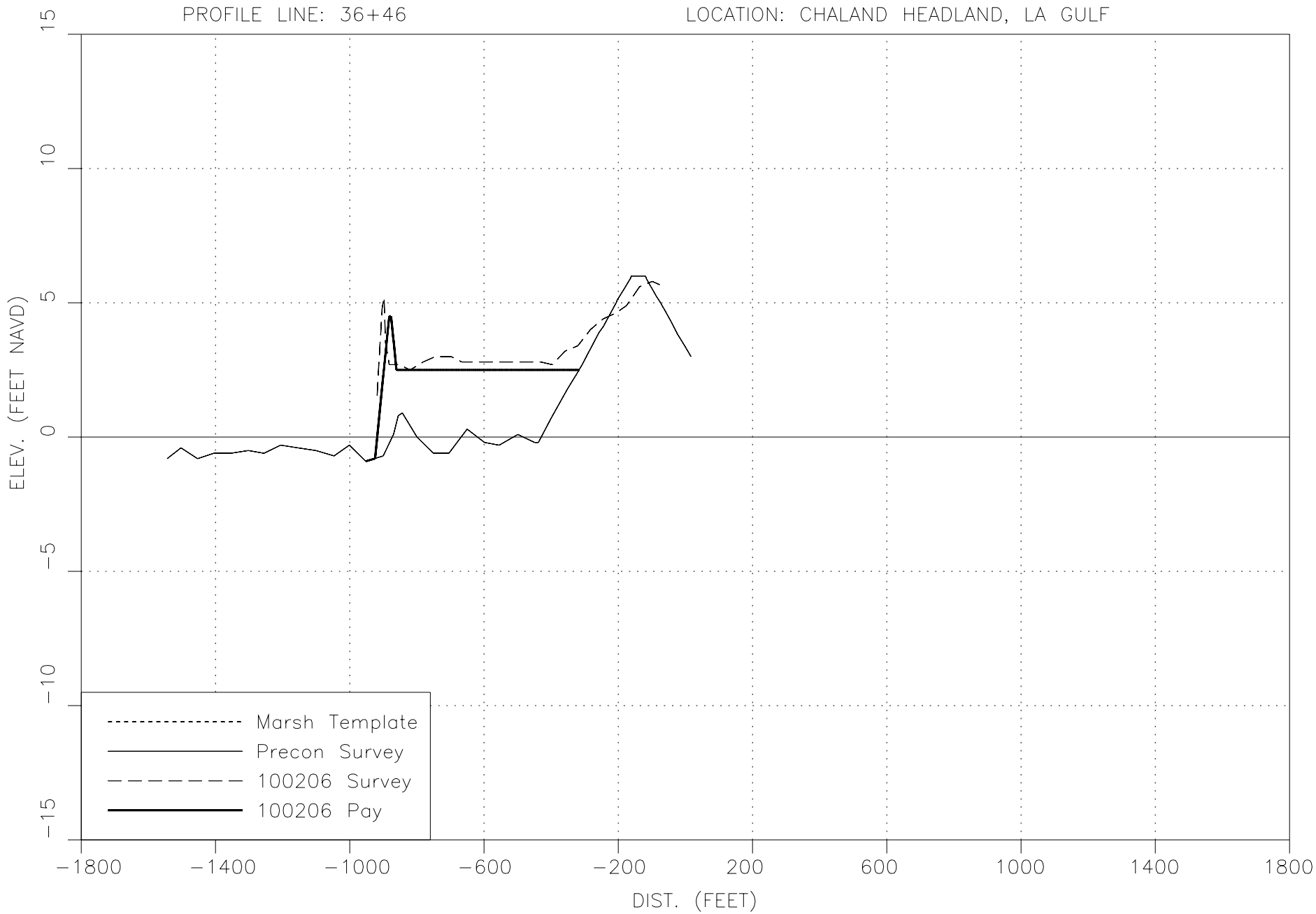
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 36+46
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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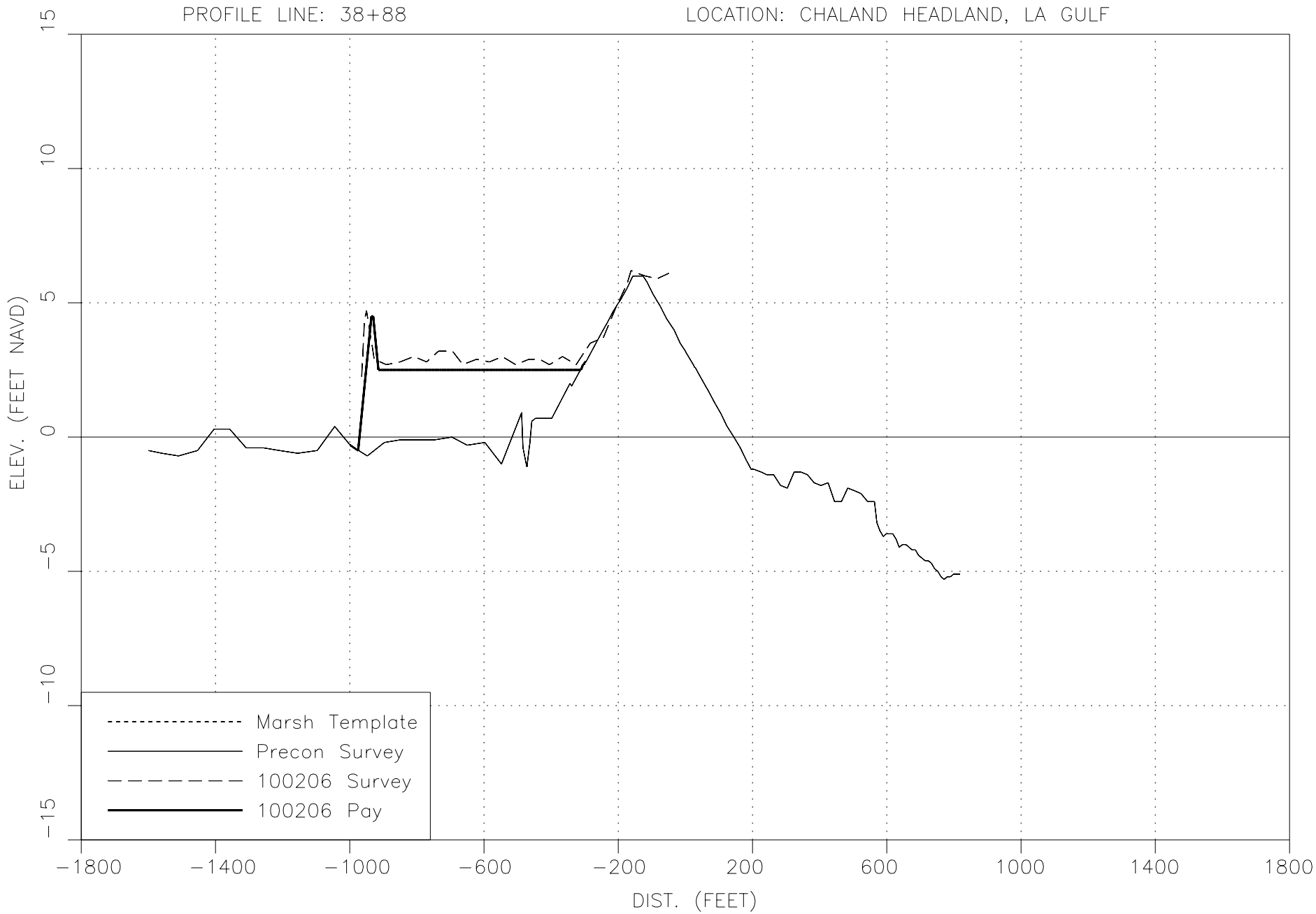
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 38+88
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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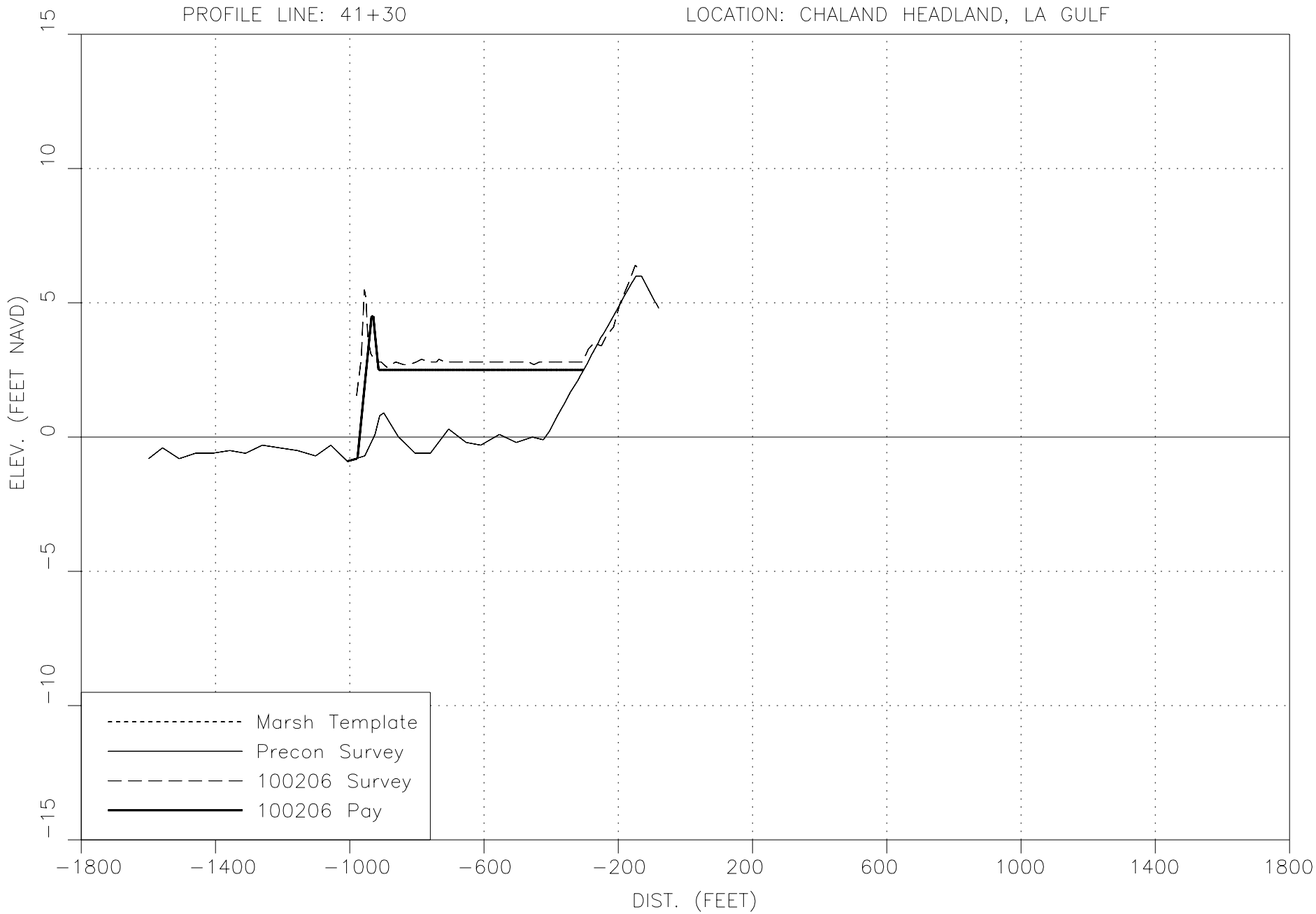
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 41+30
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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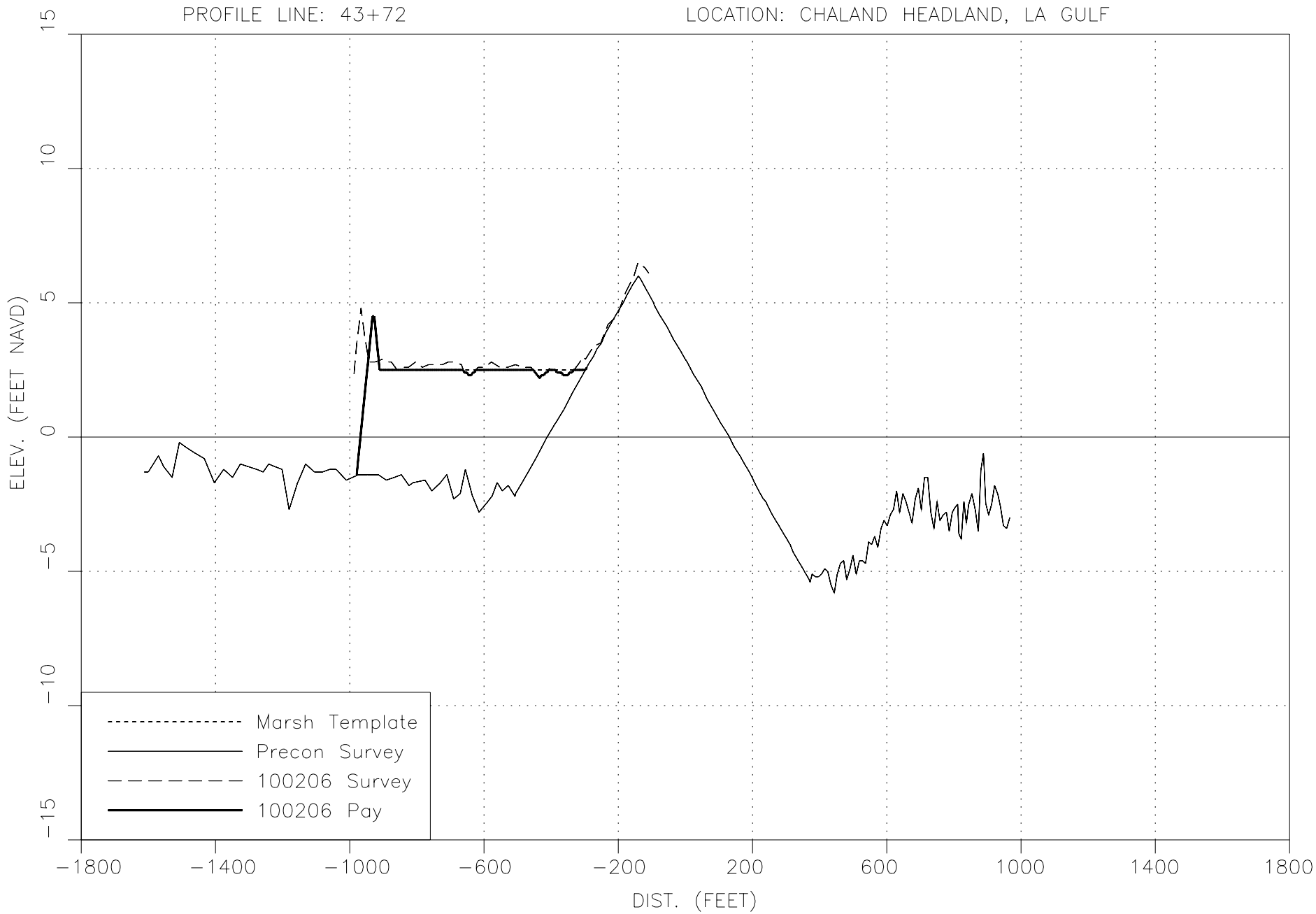
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 43+72
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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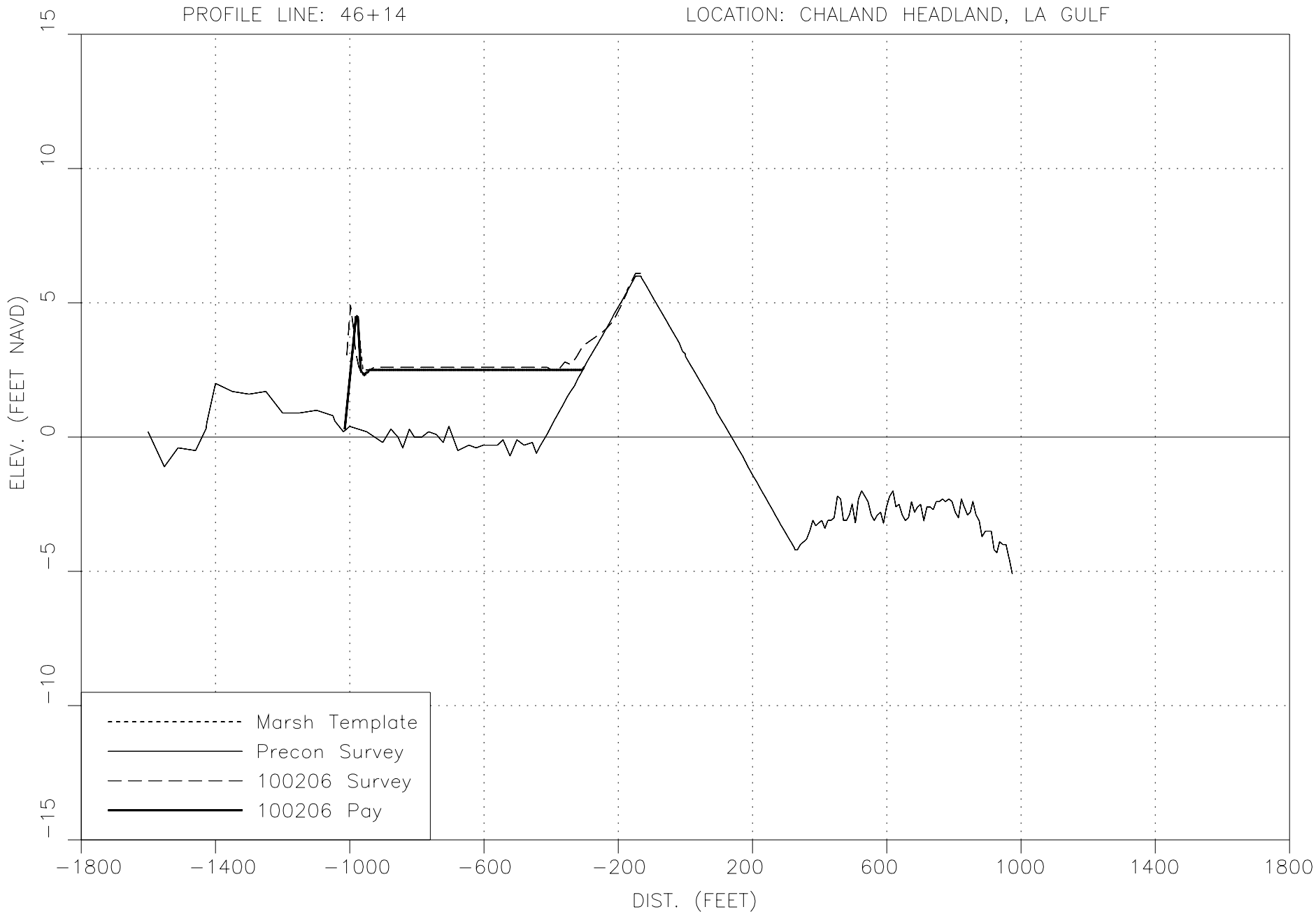
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 46+14
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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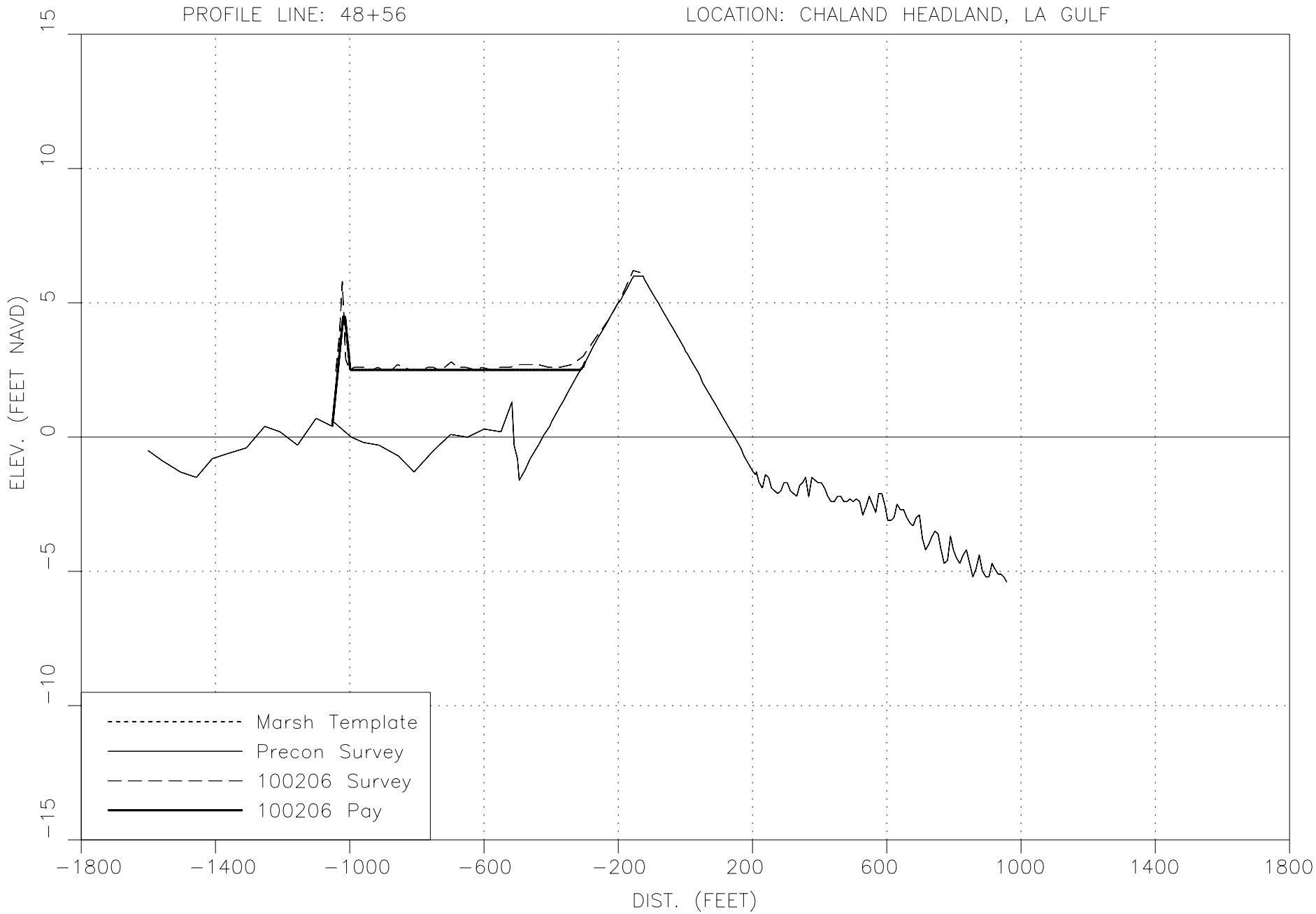
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 48+56
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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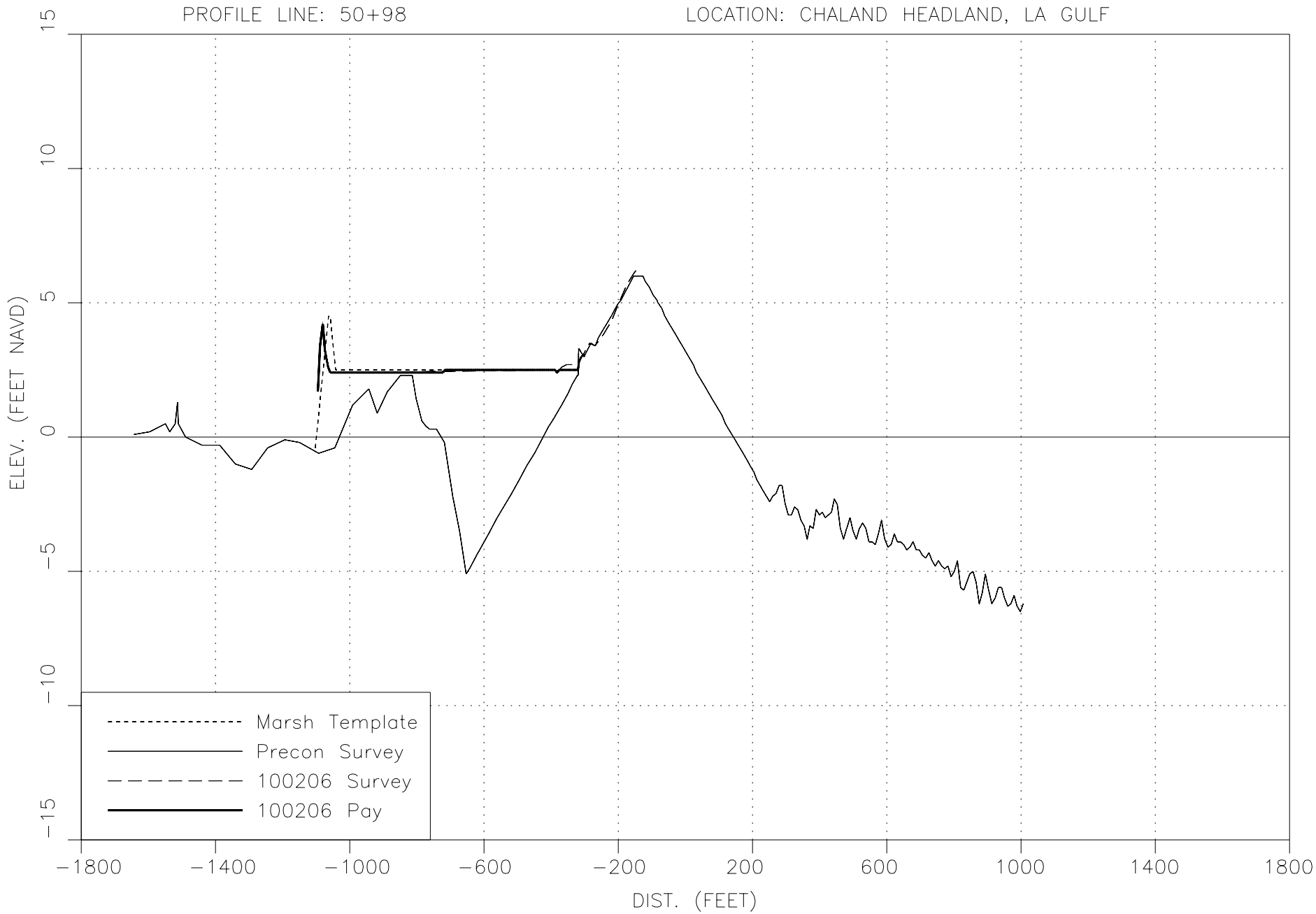
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 50+98
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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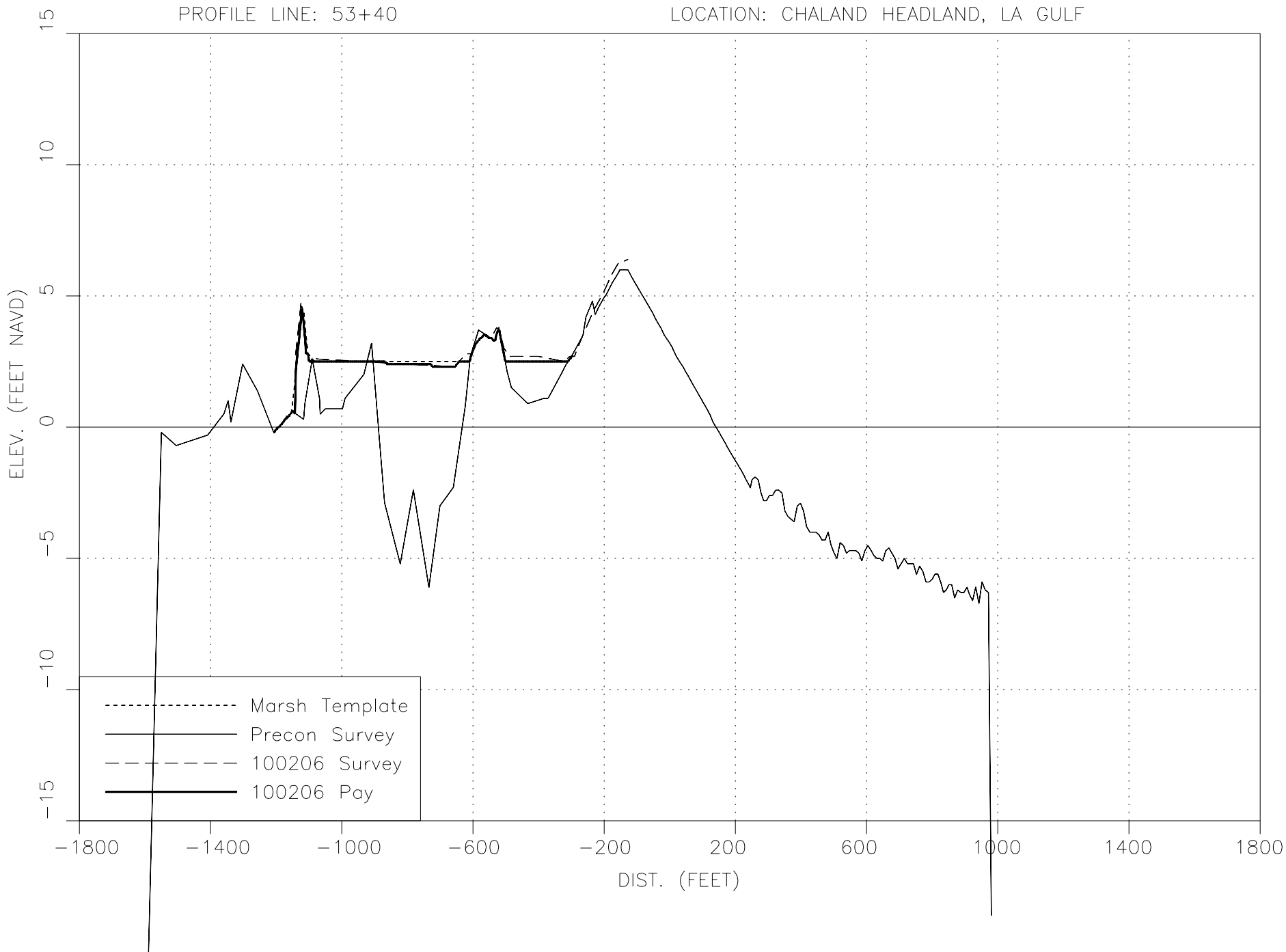
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 53+40
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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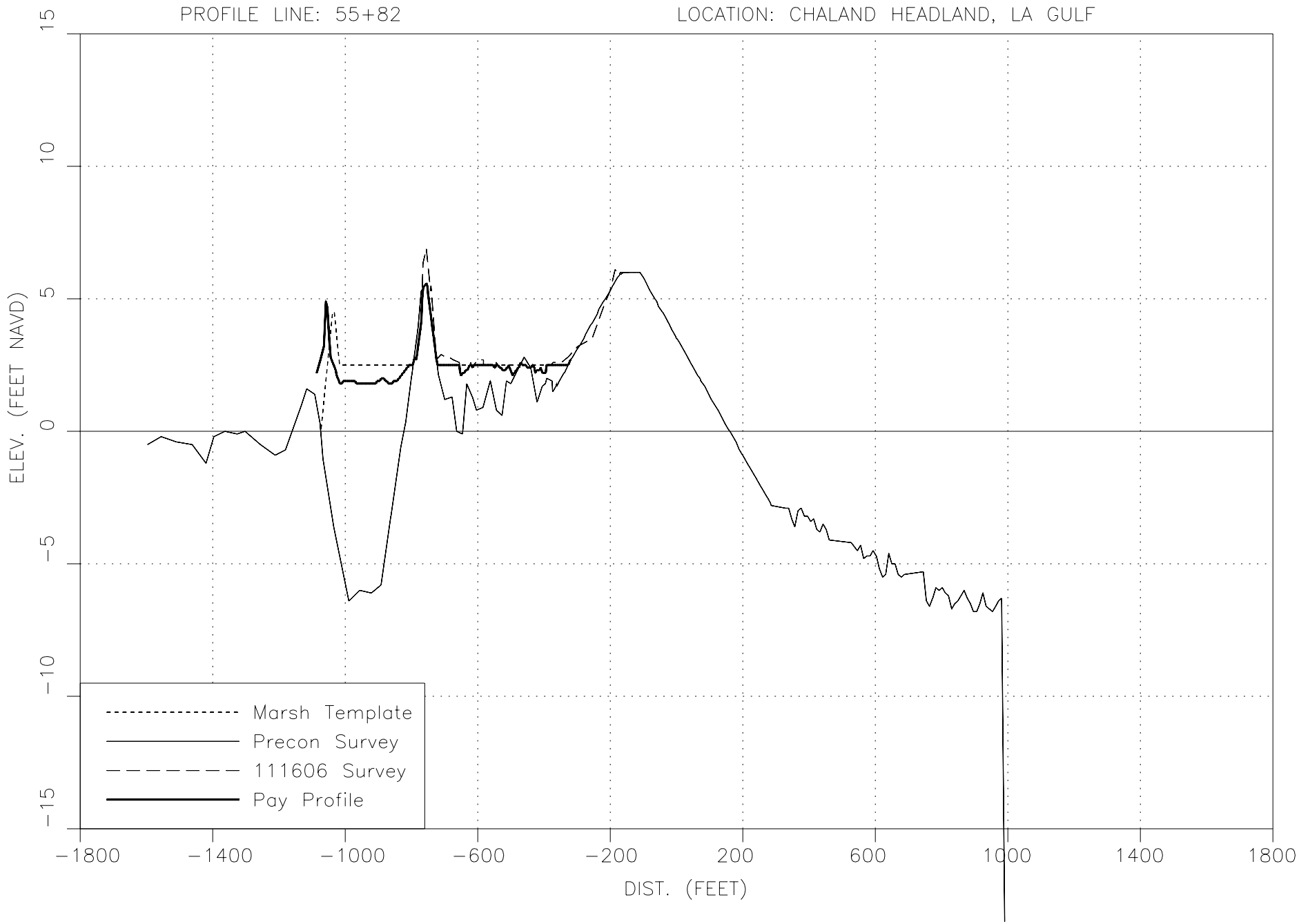
DIST. (FEET)
Marsh Template
Precon Survey
100206 Survey
100206 Pay


PROFILE LINE: 55+82
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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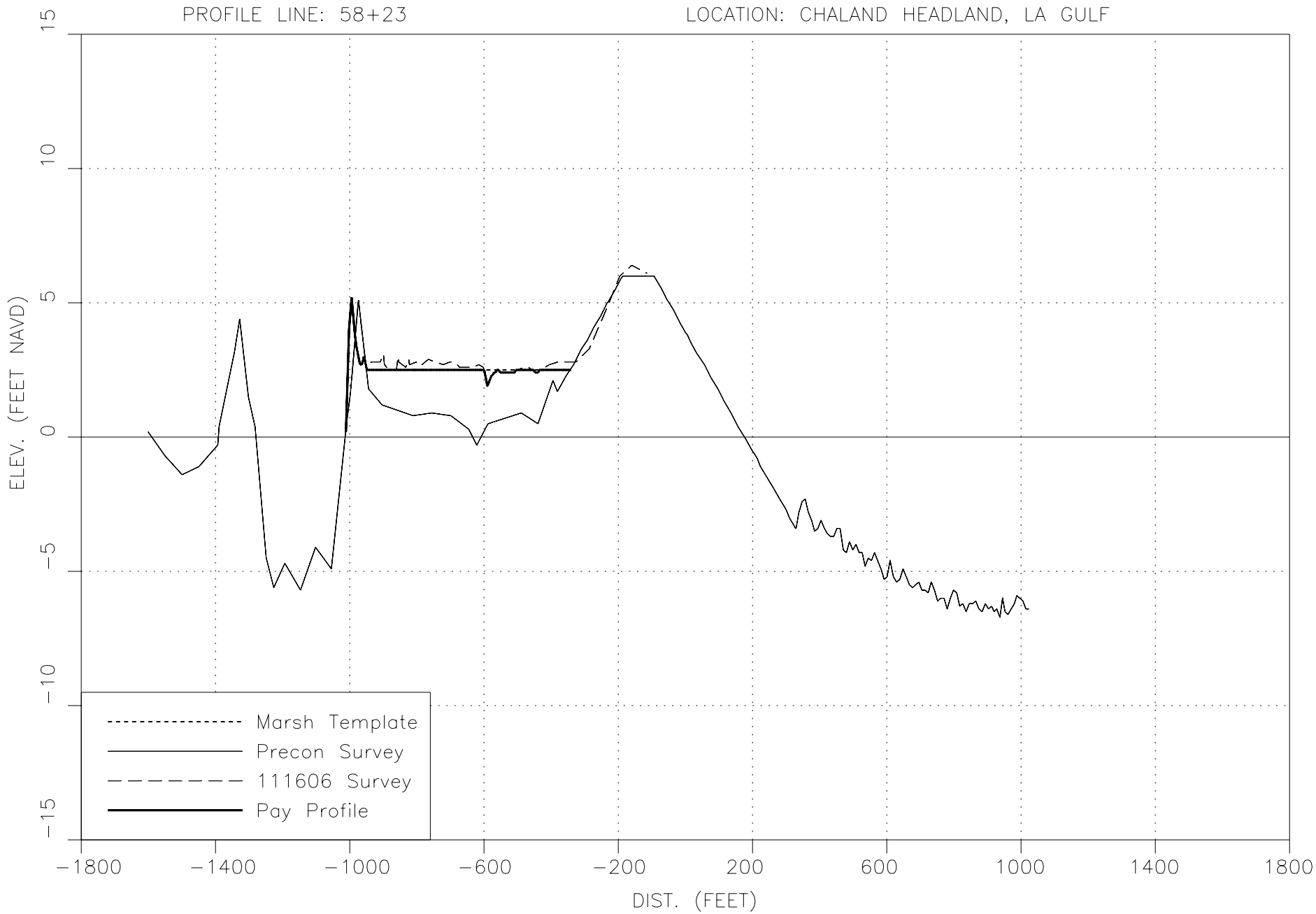
DIST. (FEET)
Marsh Template
Precon Survey
111606 Survey
Pay Profile


PROFILE LINE: 58+23
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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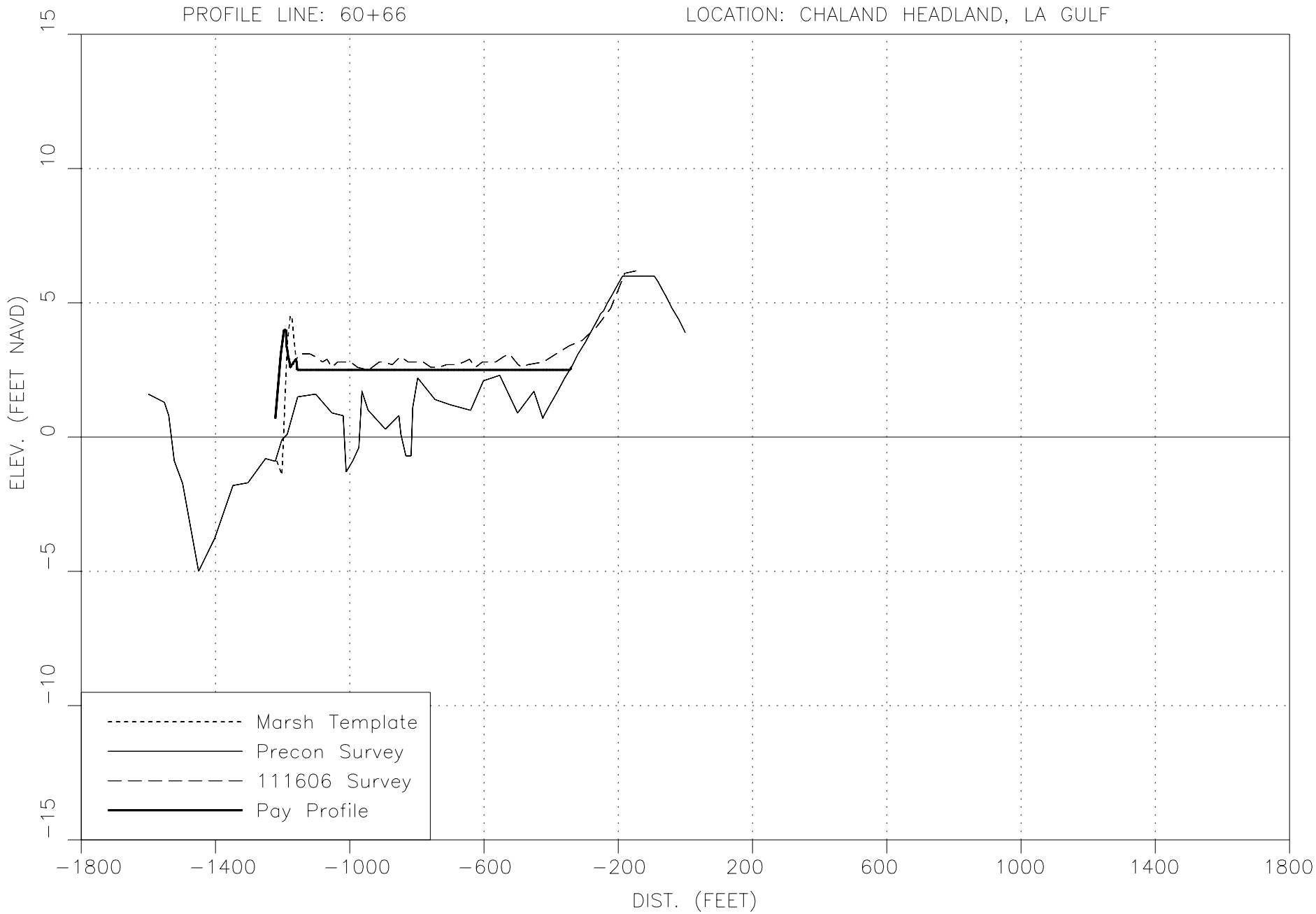
DIST. (FEET)
Marsh Template
Precon Survey
111606 Survey
Pay Profile


PROFILE LINE: 60+66
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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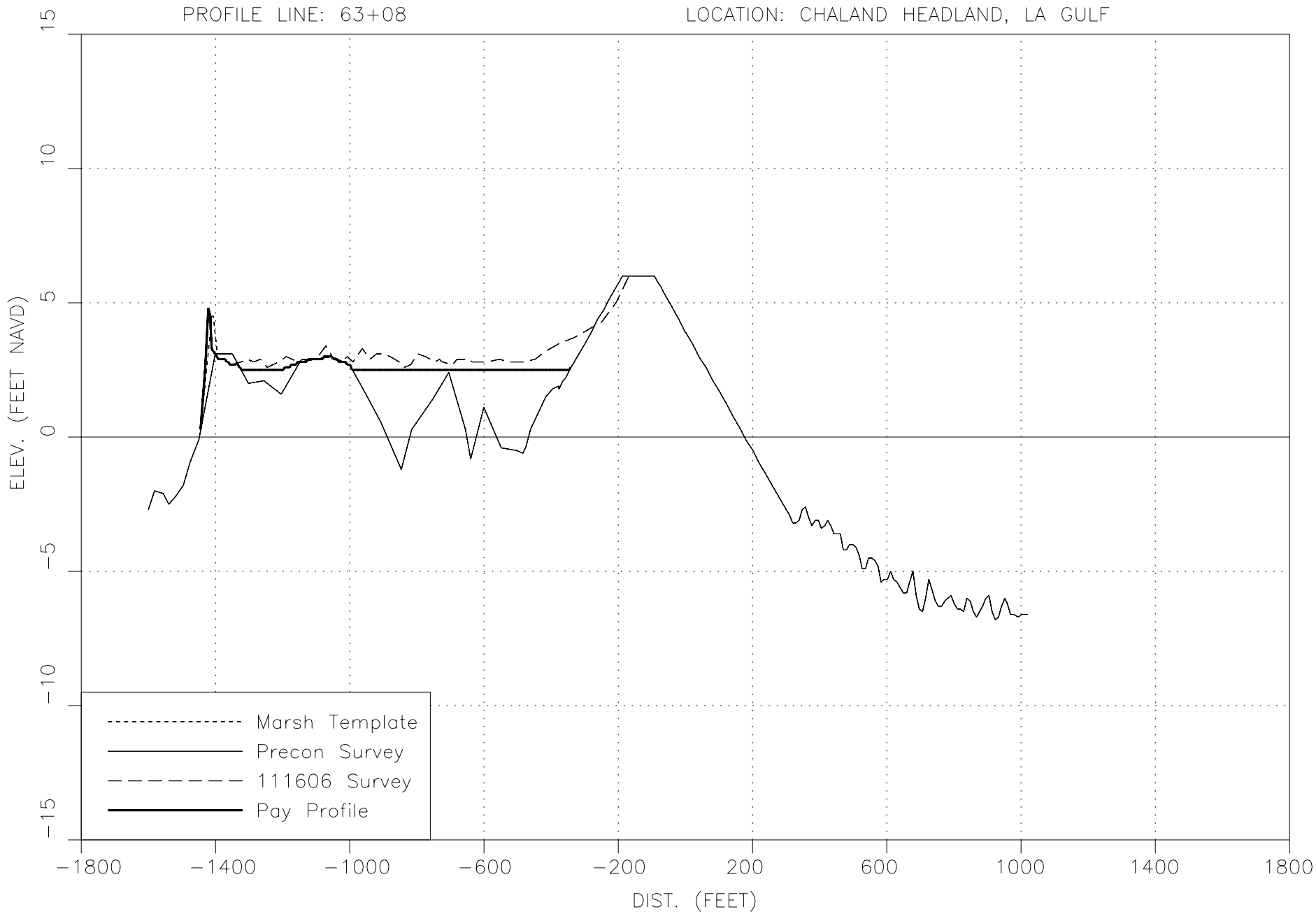
DIST. (FEET)
Marsh Template
Precon Survey
111606 Survey
Pay Profile


PROFILE LINE: 63+08
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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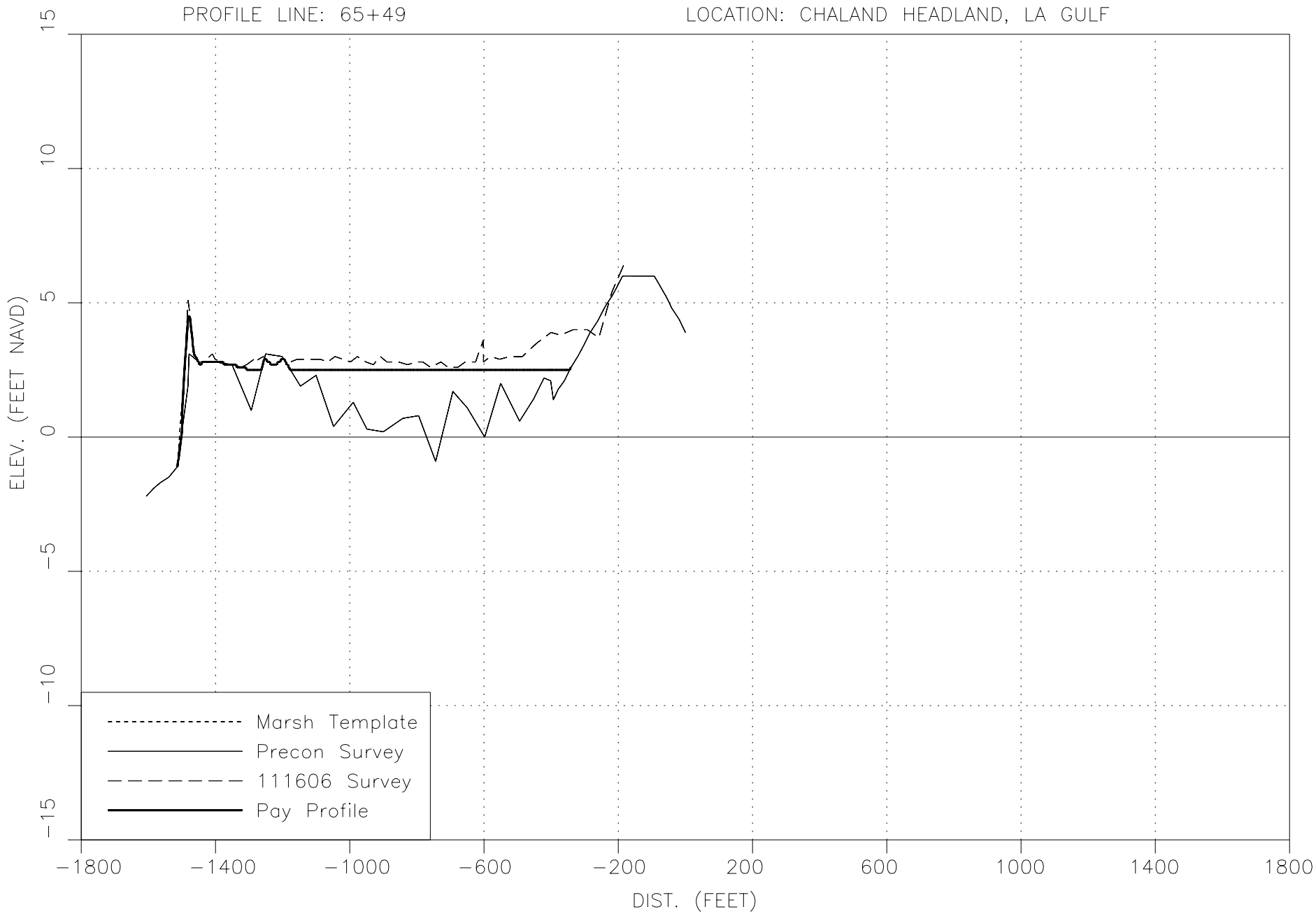
DIST. (FEET)
Marsh Template
Precon Survey
111606 Survey
Pay Profile


PROFILE LINE: 65+49
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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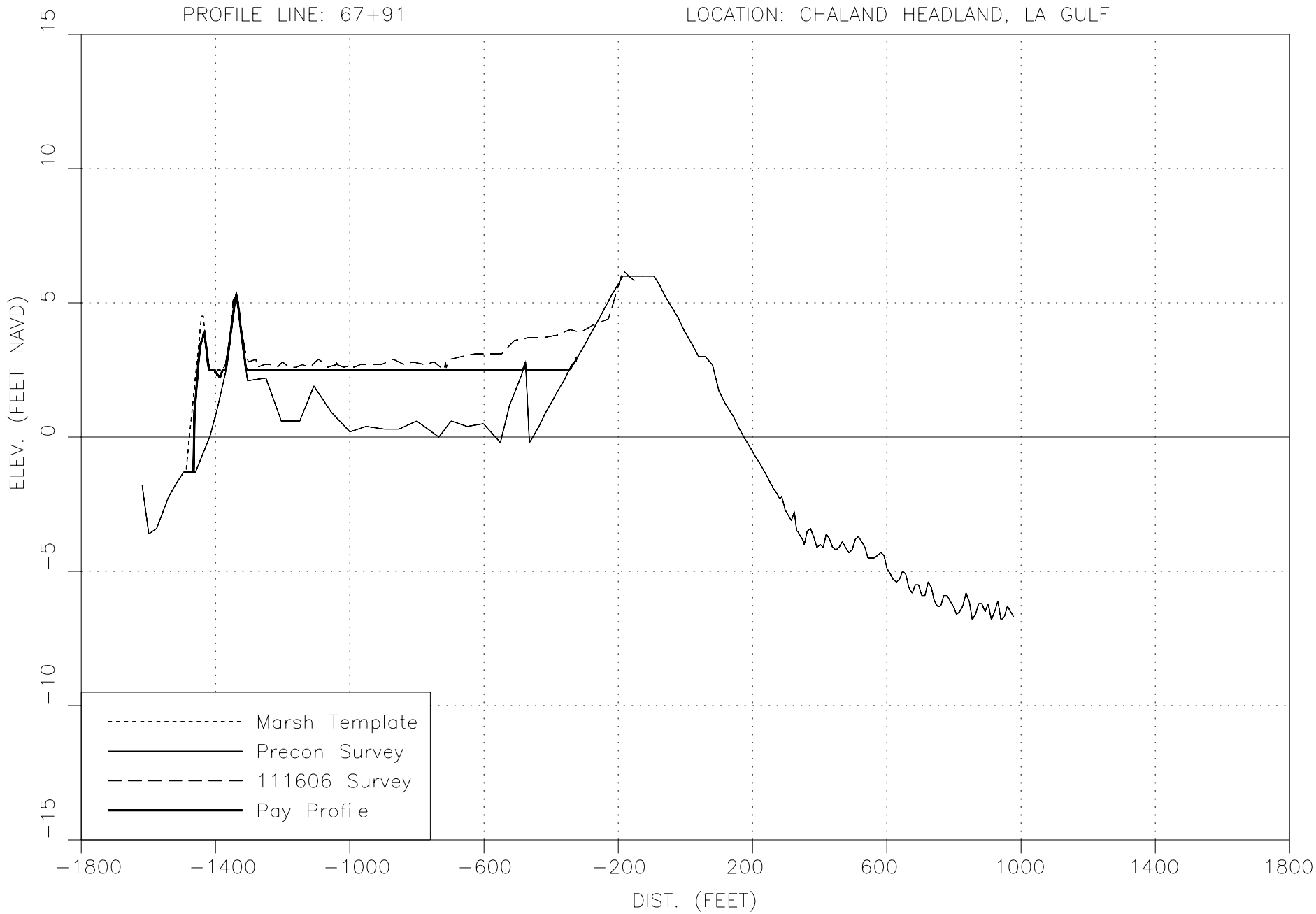
DIST. (FEET)
Marsh Template
Precon Survey
111606 Survey
Pay Profile


PROFILE LINE: 67+91
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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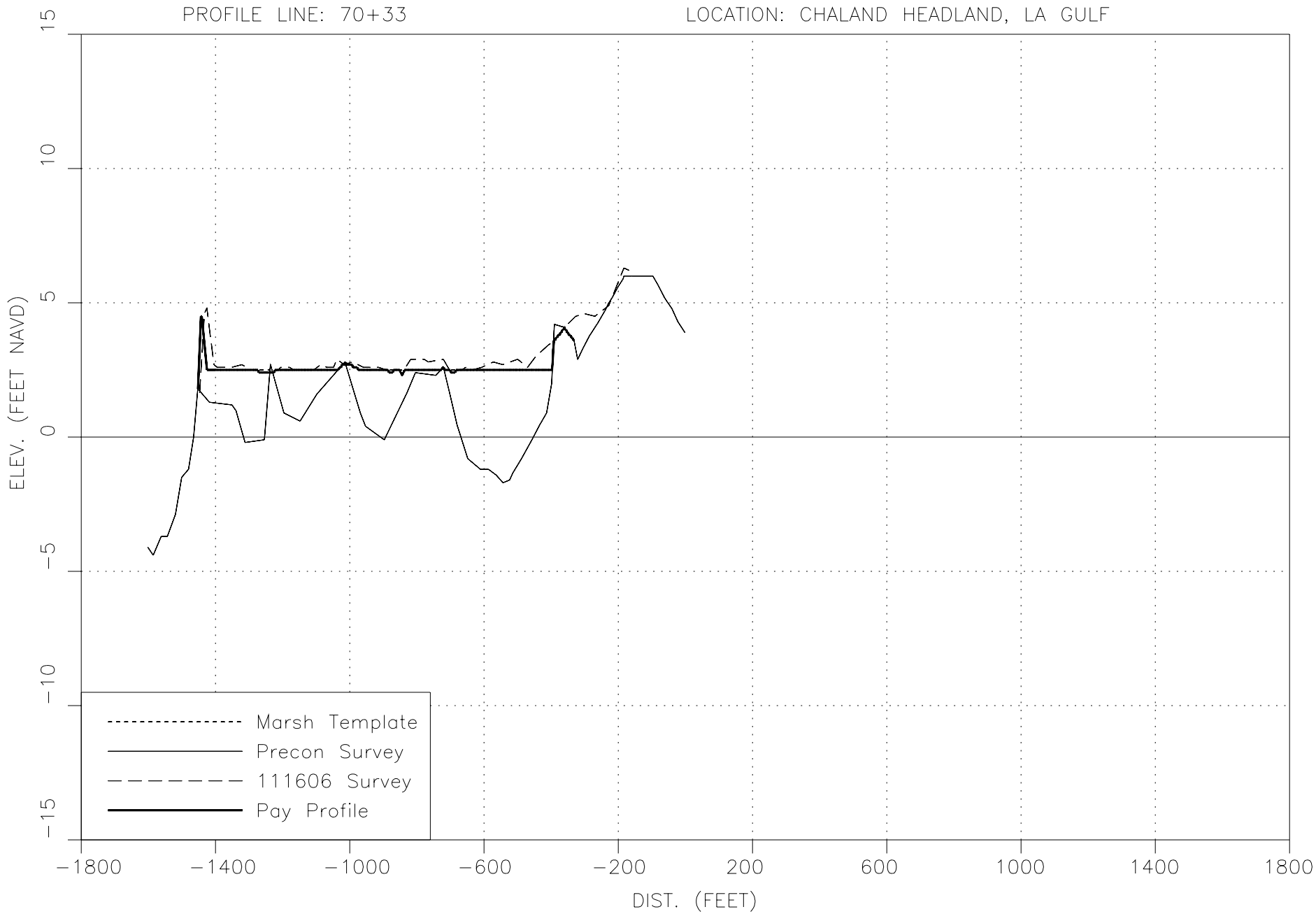
DIST. (FEET)
Marsh Template
Precon Survey
111606 Survey
Pay Profile


PROFILE LINE: 70+33
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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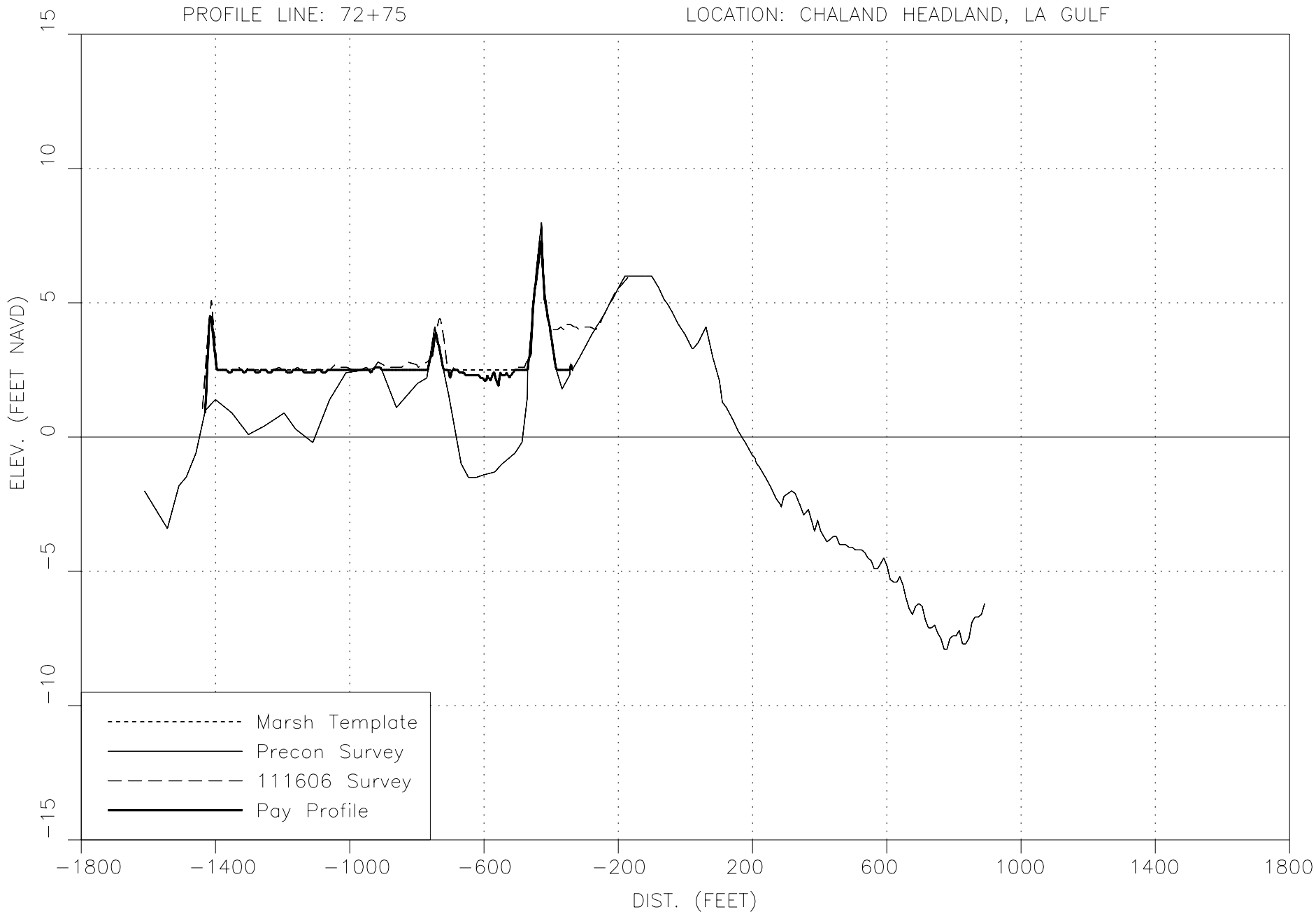
DIST. (FEET)
Marsh Template
Precon Survey
111606 Survey
Pay Profile


PROFILE LINE: 72+75
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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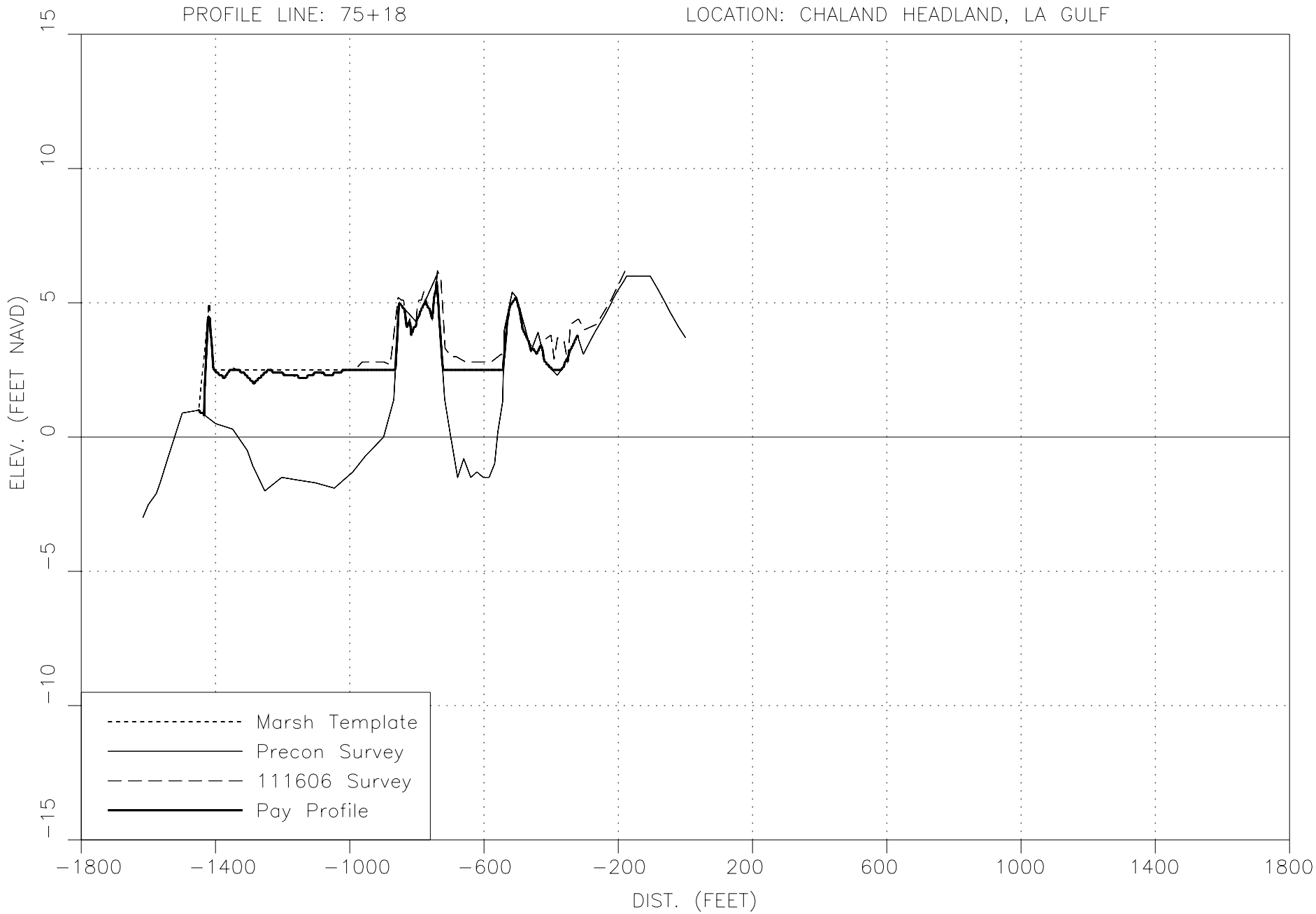
DIST. (FEET)
Marsh Template
Precon Survey
111606 Survey
Pay Profile


PROFILE LINE: 75+18
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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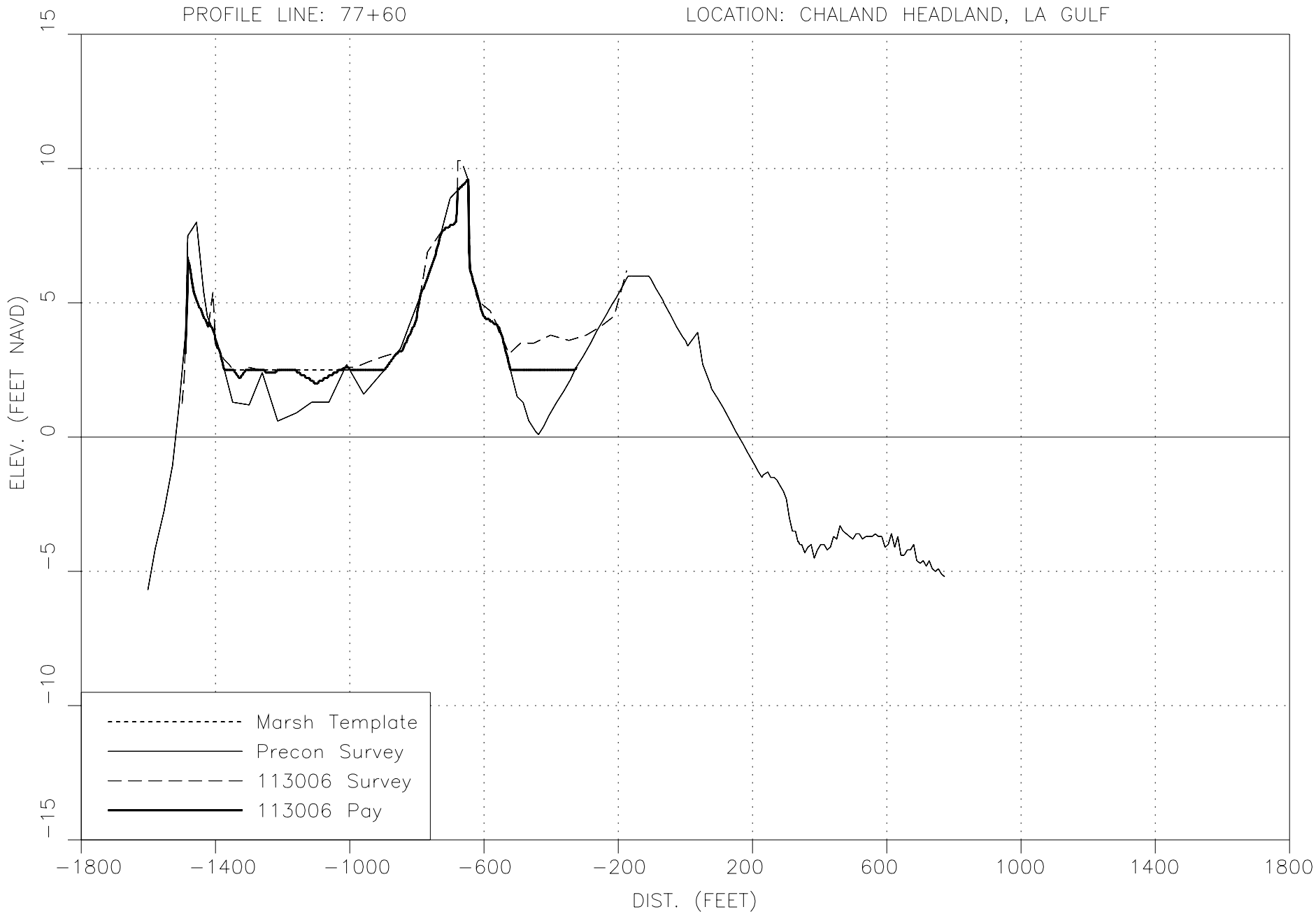
DIST. (FEET)
Marsh Template
Precon Survey
111606 Survey
Pay Profile


PROFILE LINE: 77+60
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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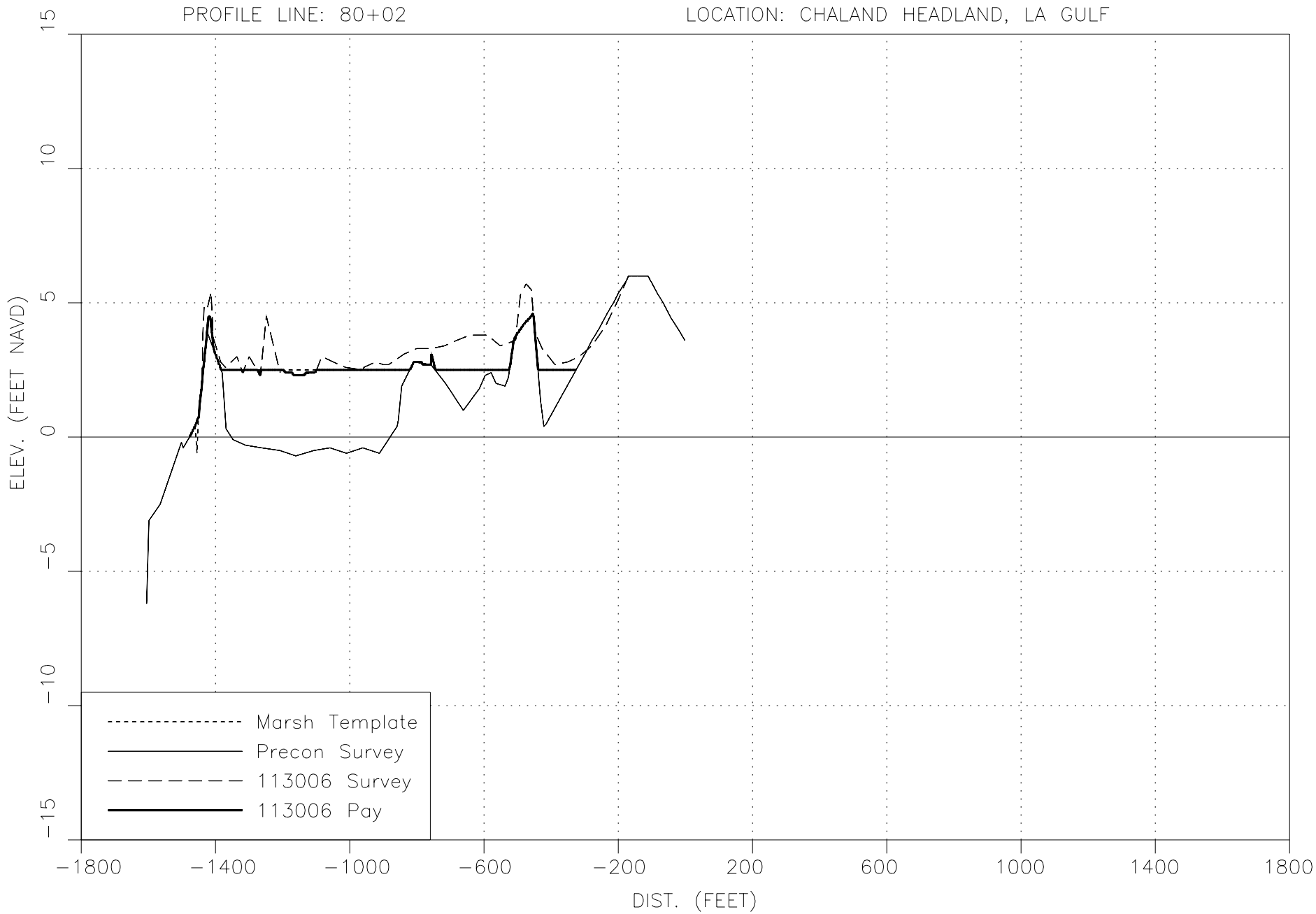
DIST. (FEET)
Marsh Template
Precon Survey
113006 Survey
113006 Pay


PROFILE LINE: 80+02
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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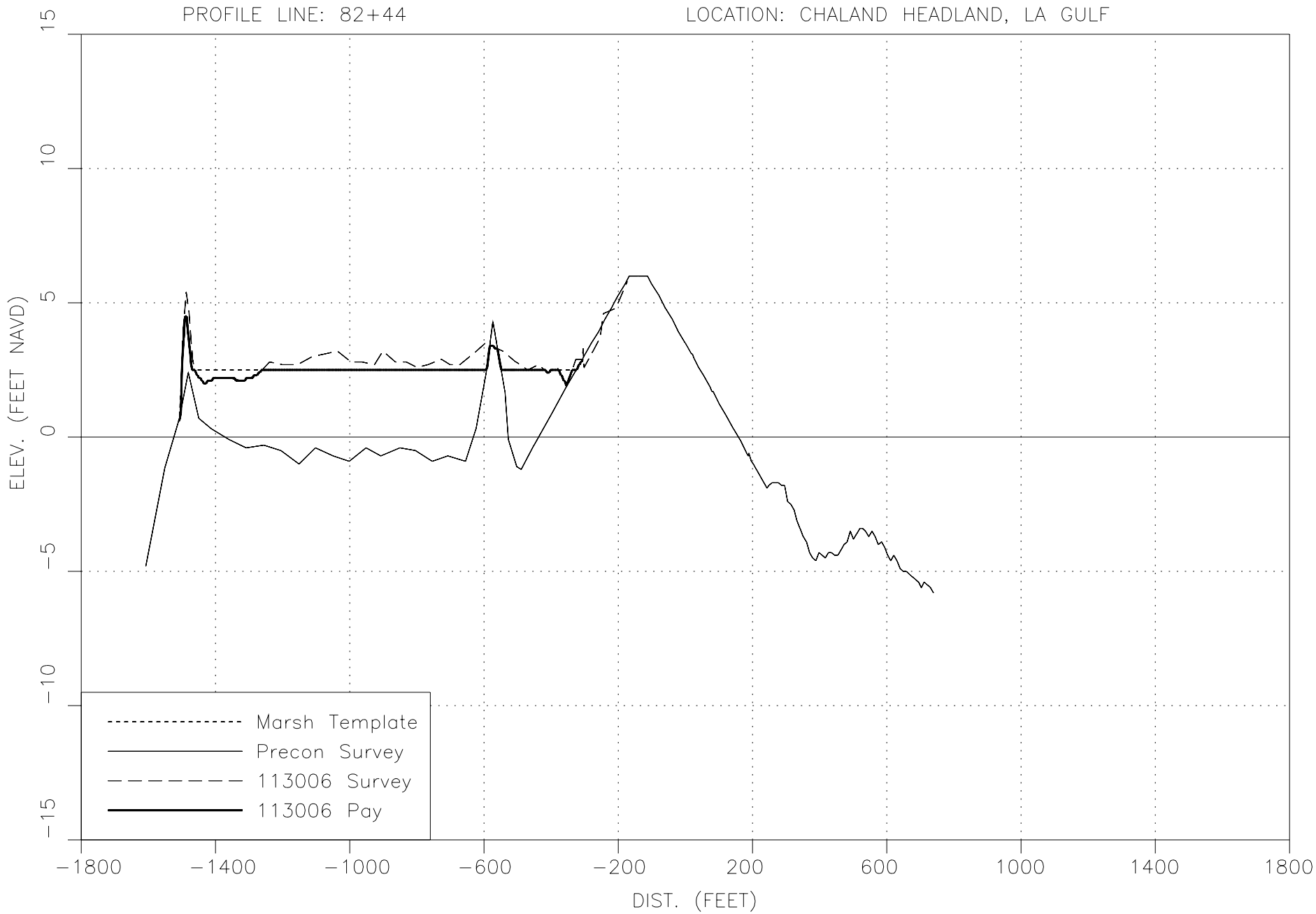
DIST. (FEET)
Marsh Template
Precon Survey
113006 Survey
113006 Pay


PROFILE LINE: 82+44
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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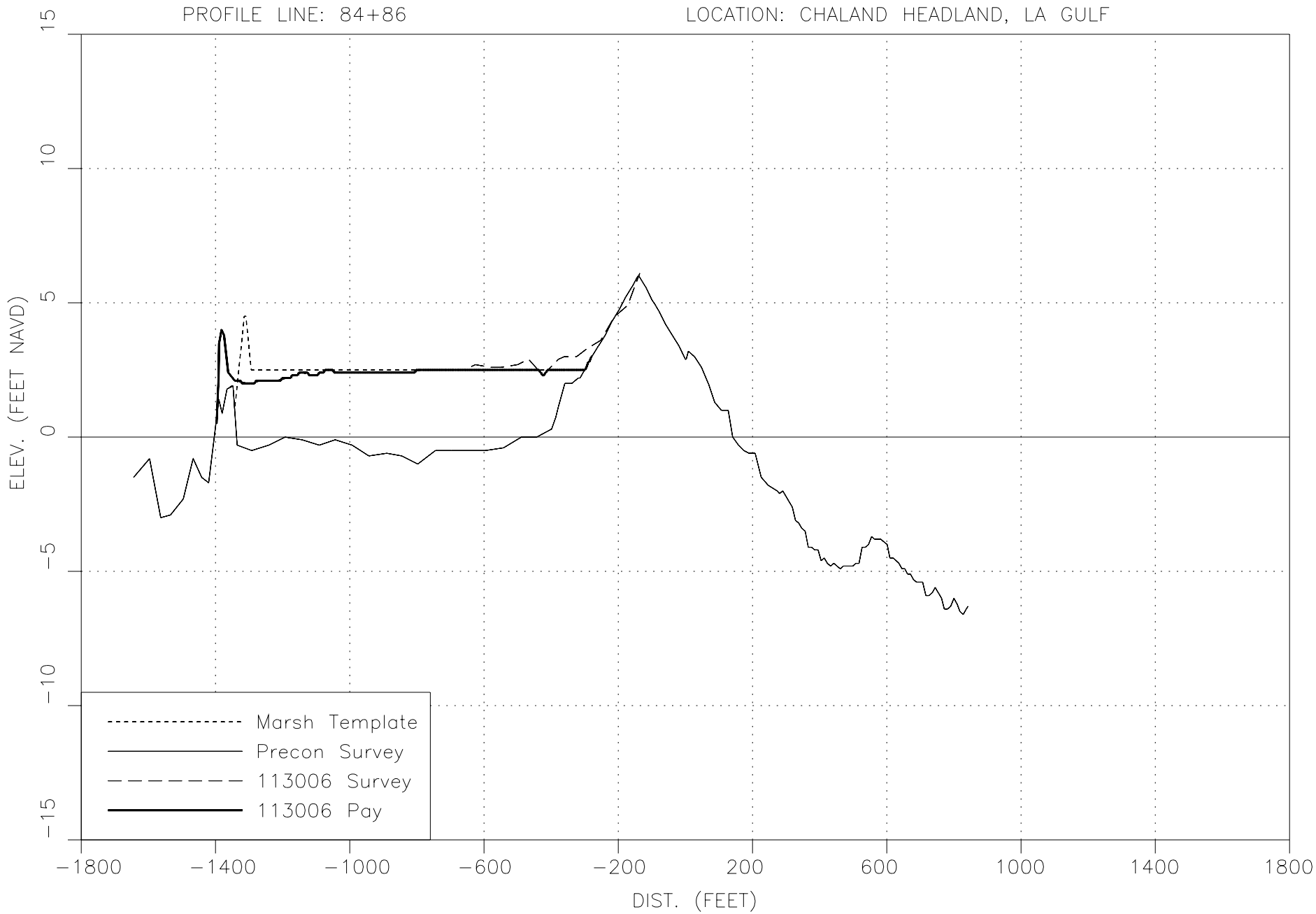
DIST. (FEET)
Marsh Template
Precon Survey
113006 Survey
113006 Pay


PROFILE LINE: 84+86
LOCATION: CHALAND HEADLAND, LA GULF
ELEV. (FEET NAVD)
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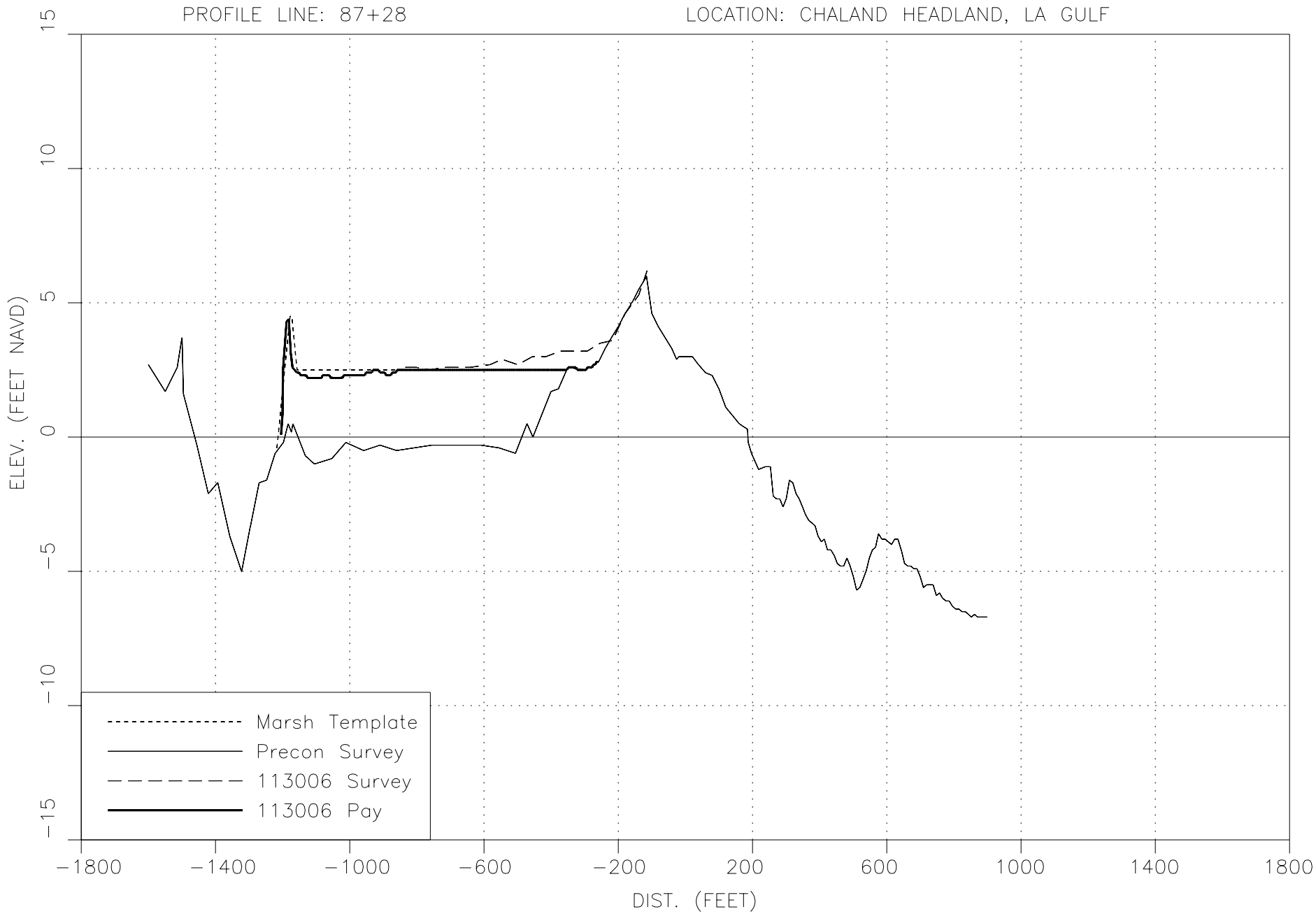
DIST. (FEET)
Marsh Template
Precon Survey
113006 Survey
113006 Pay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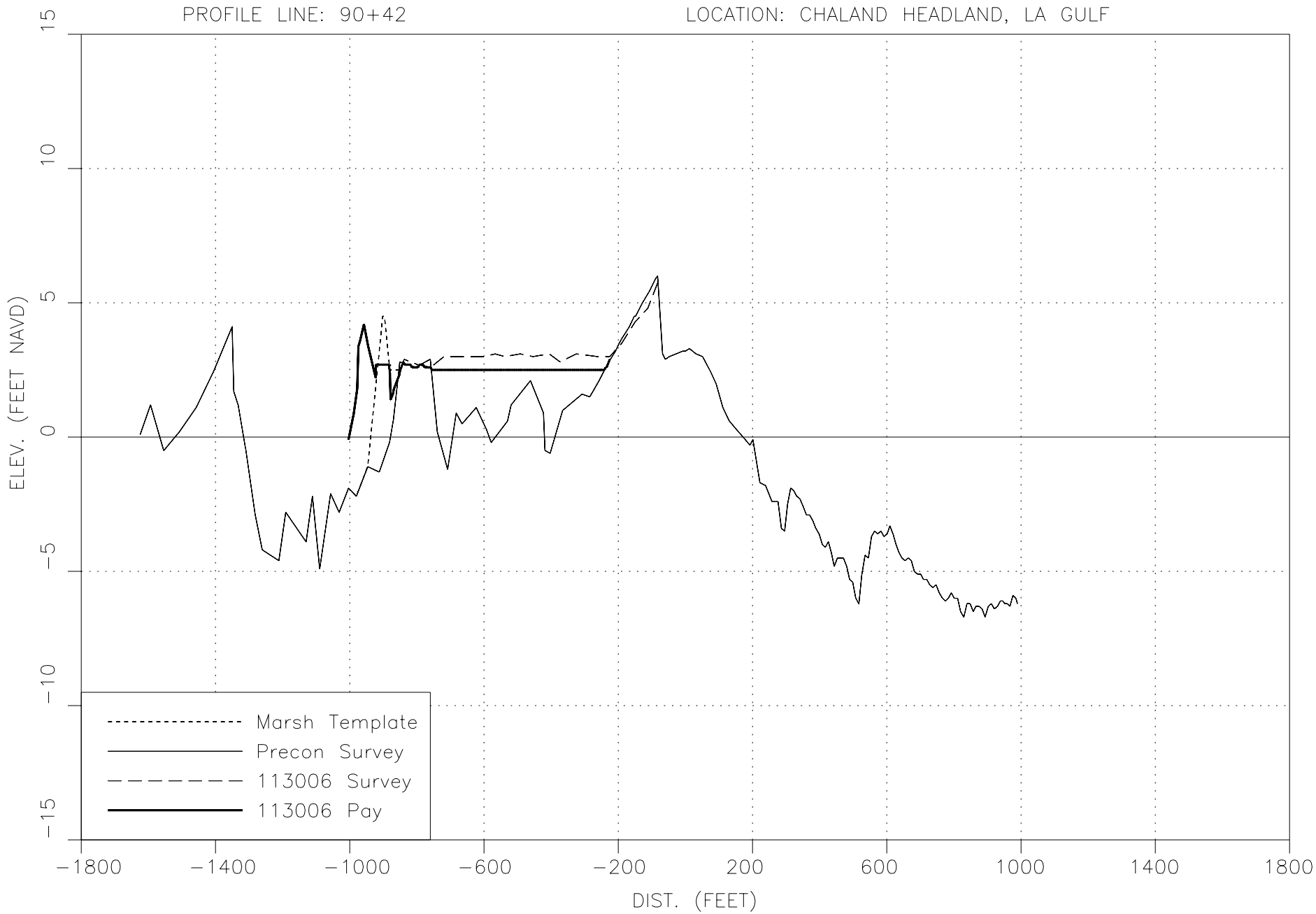
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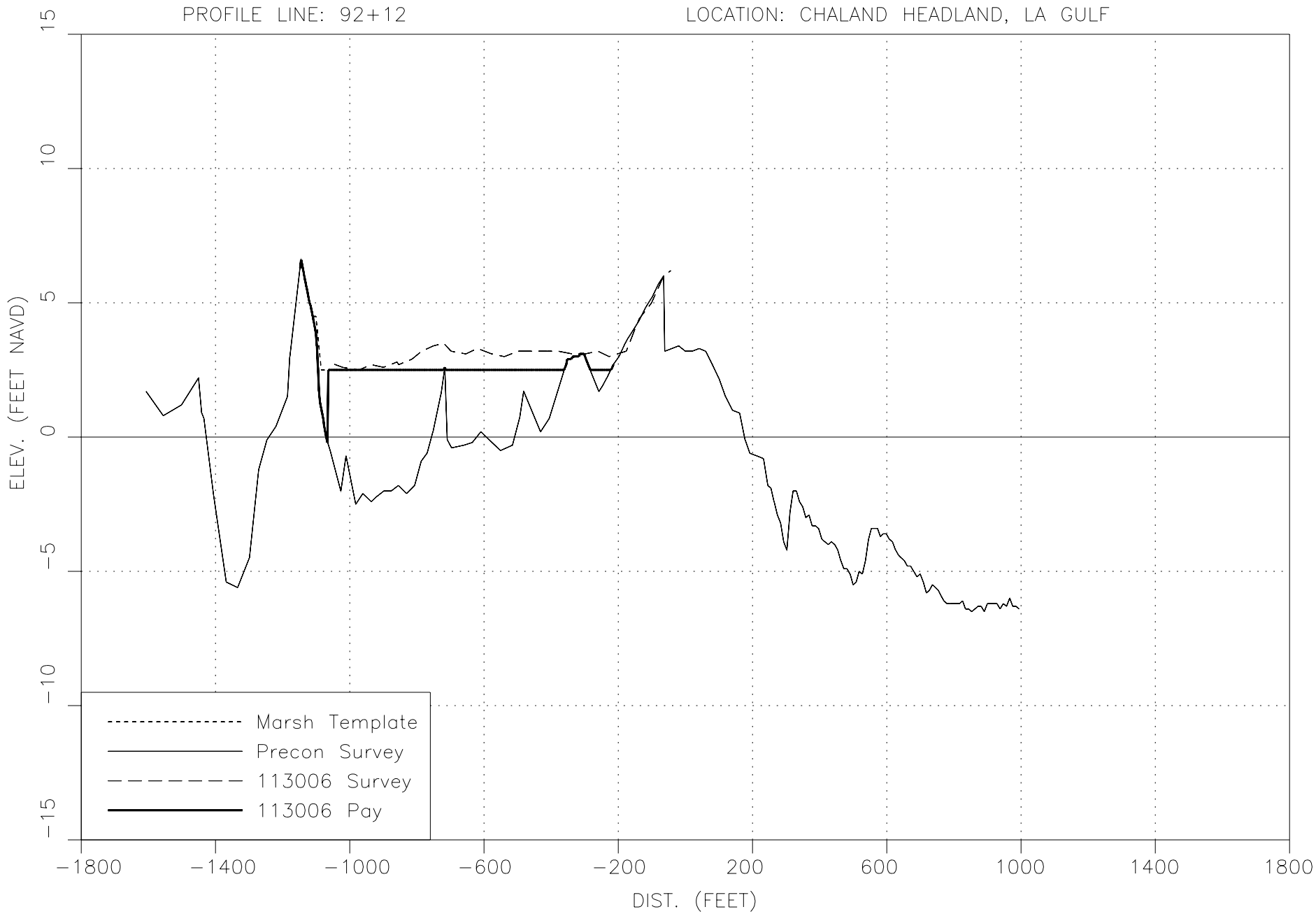
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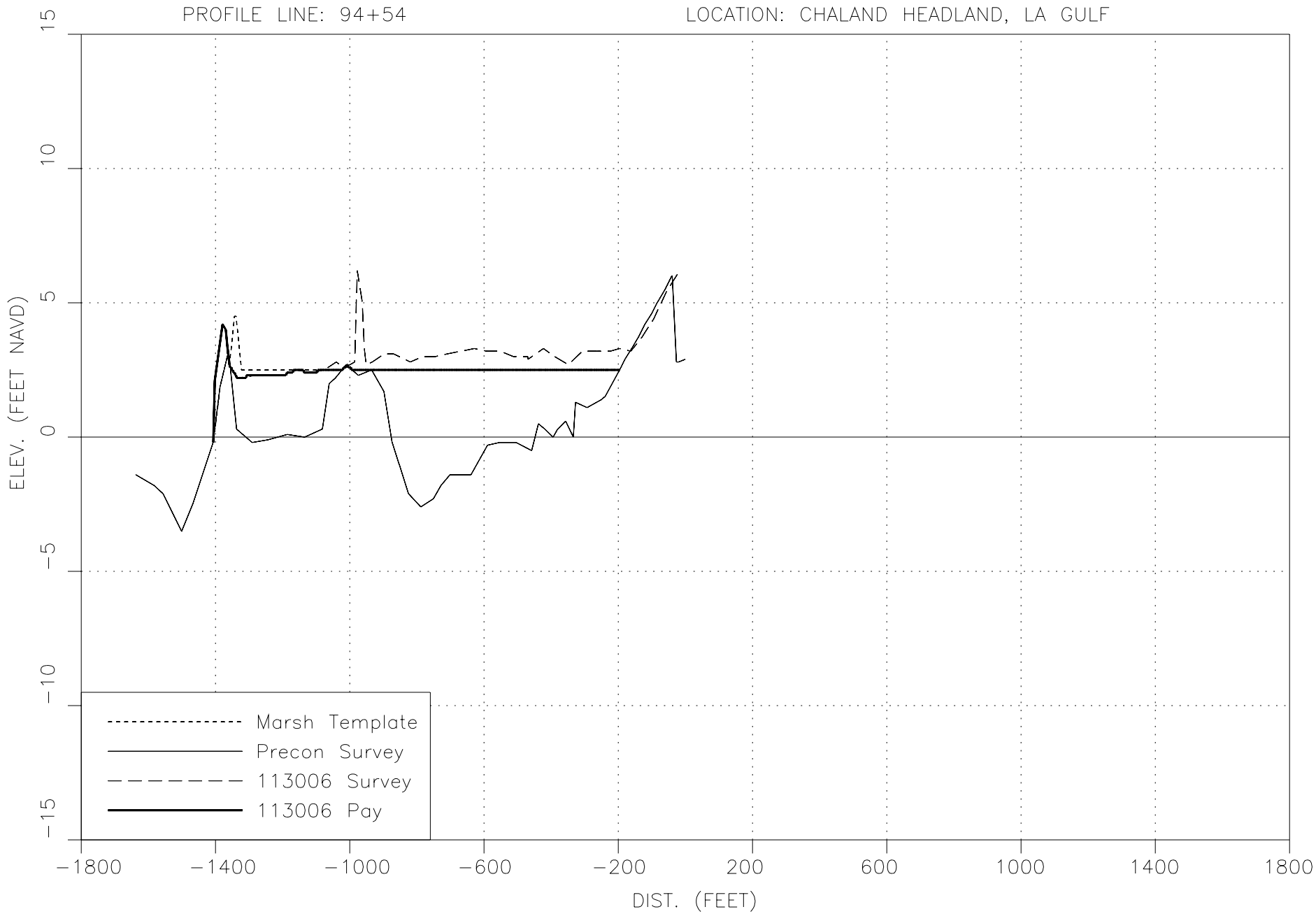
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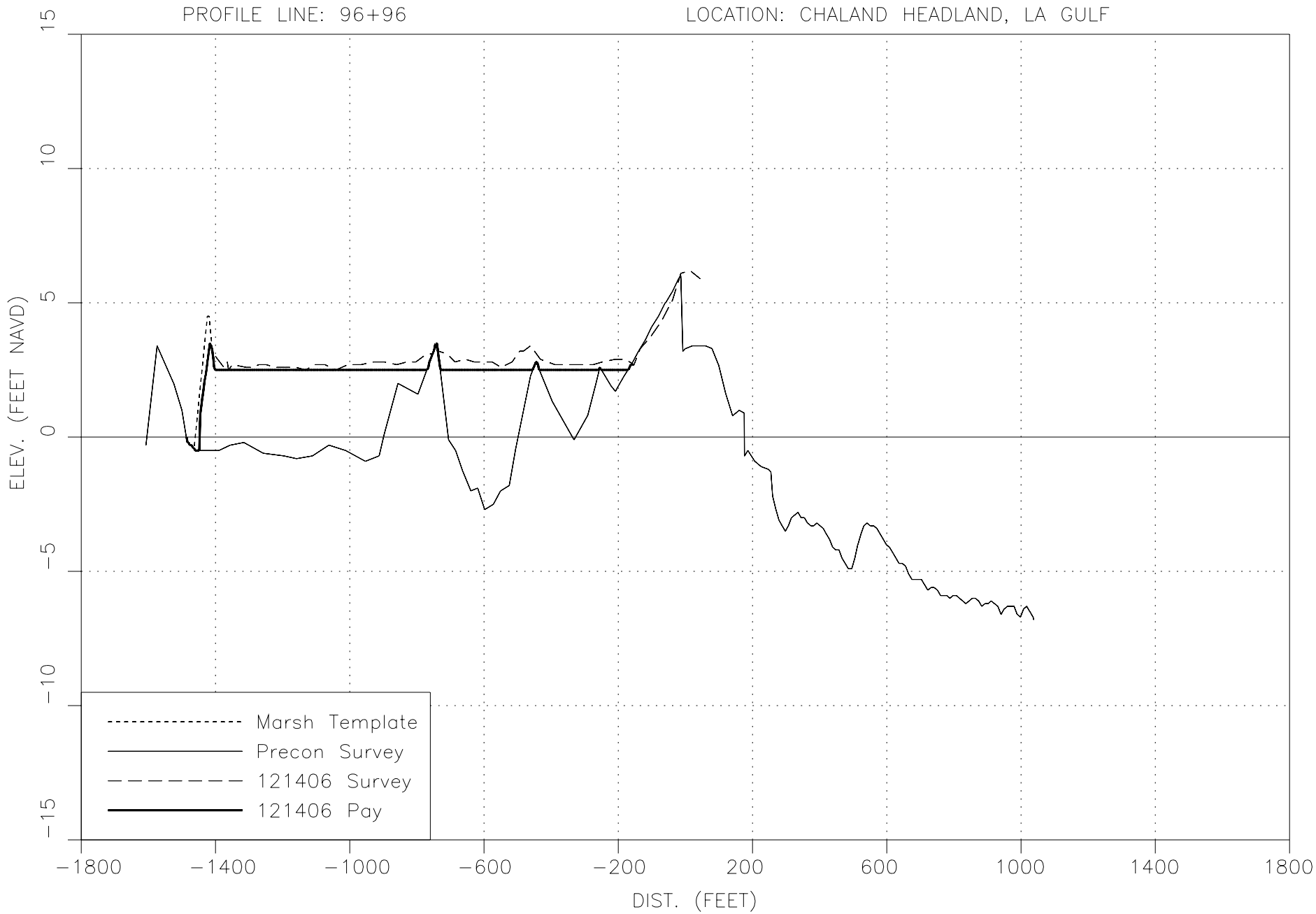
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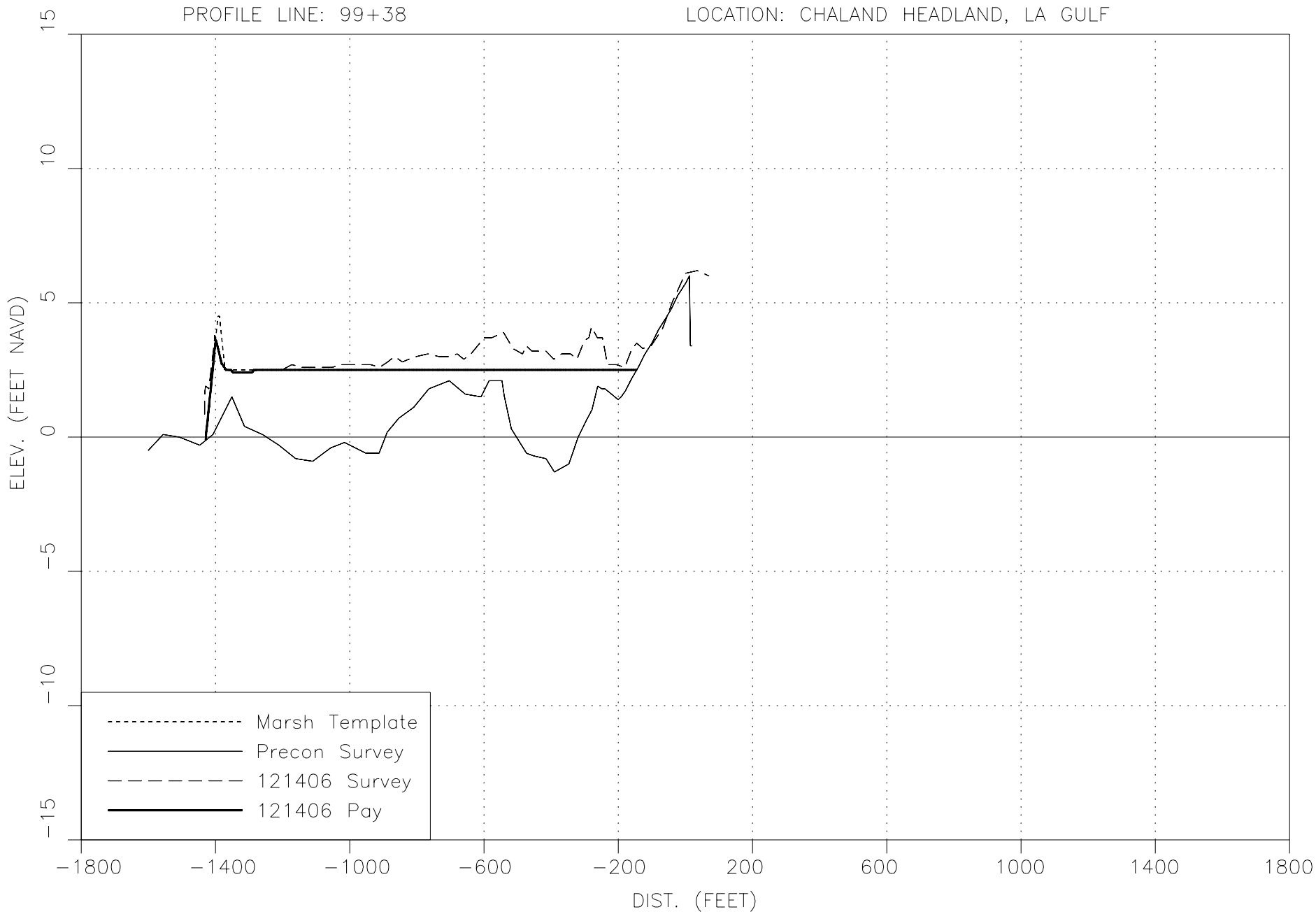
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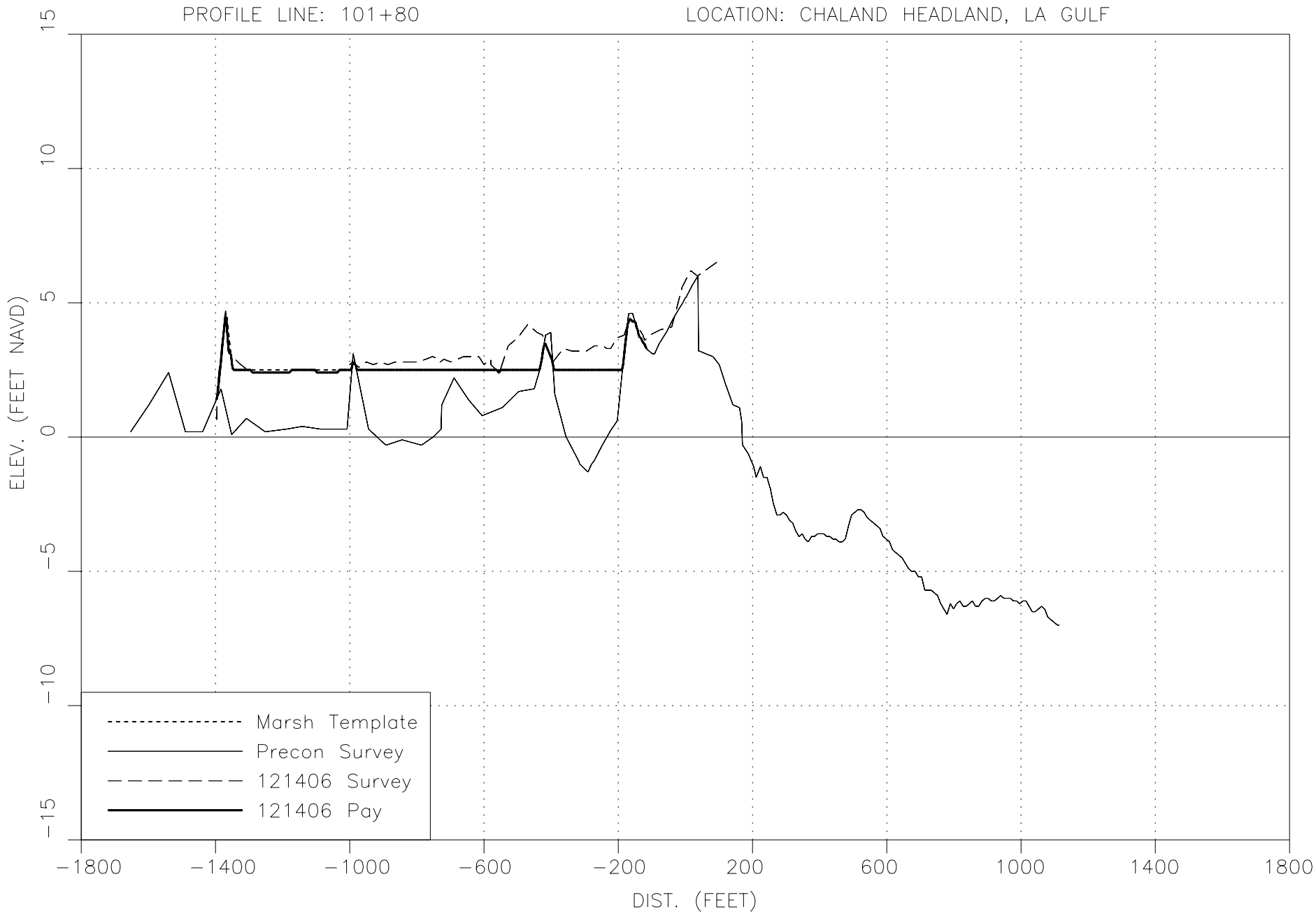
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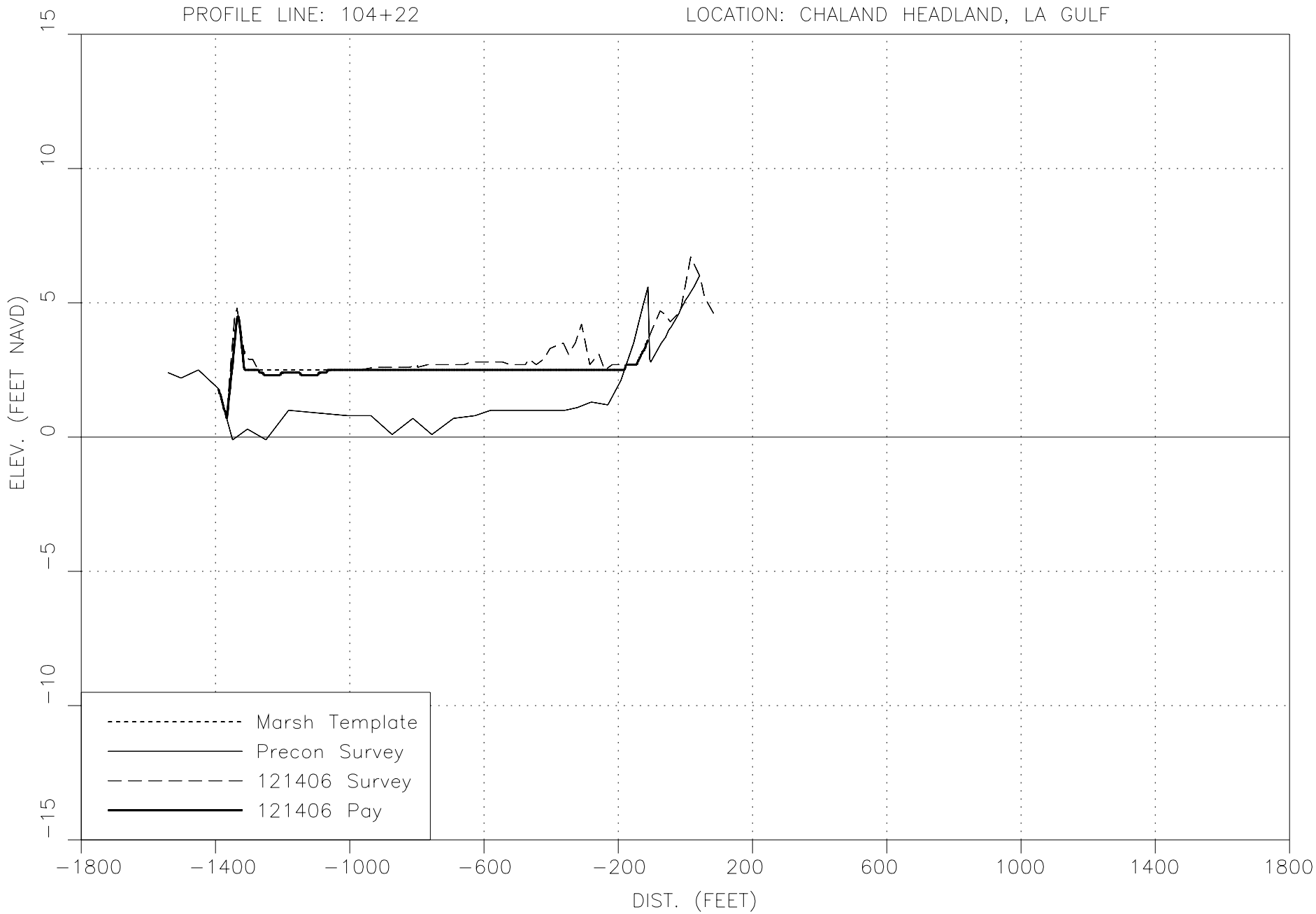
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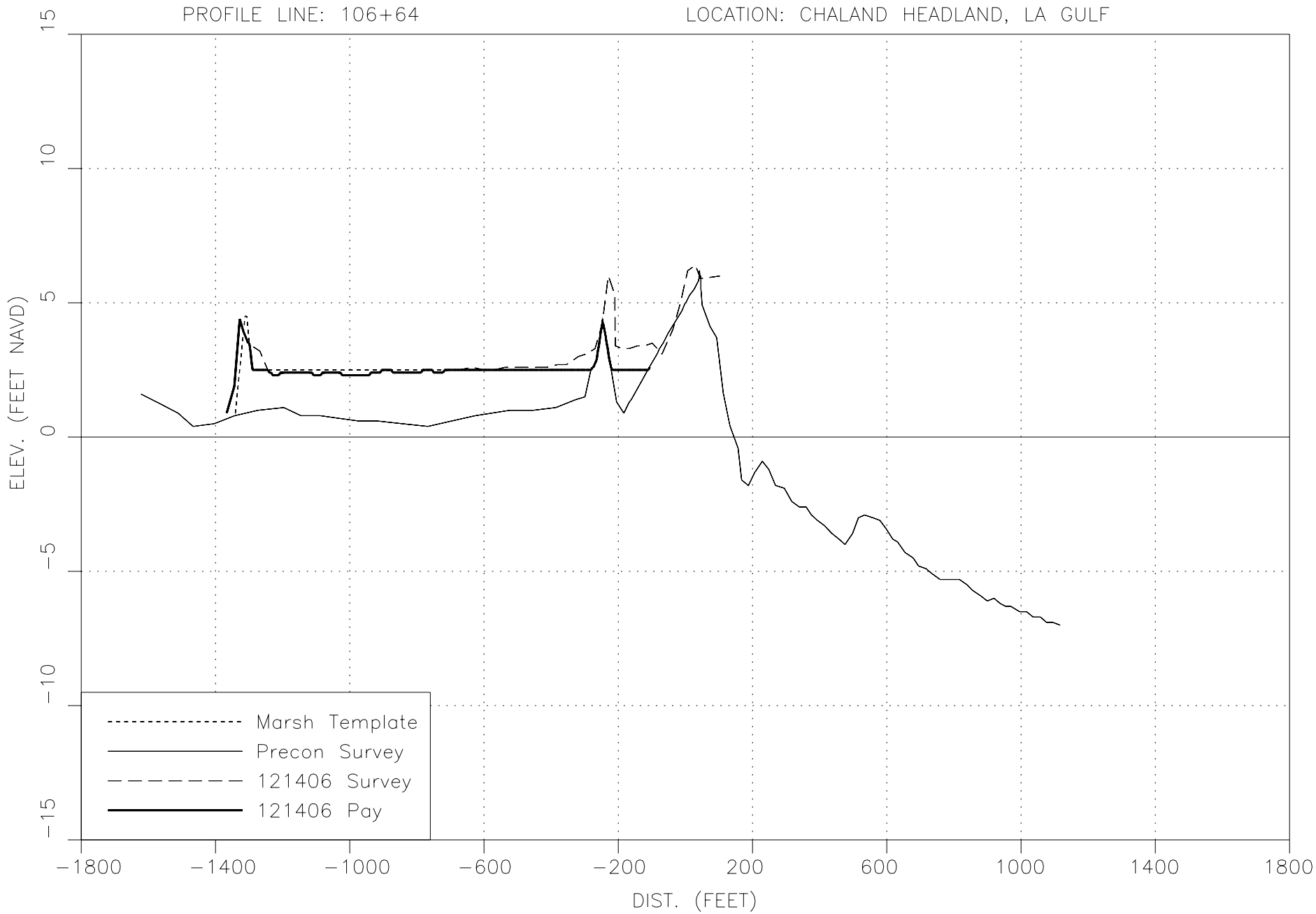
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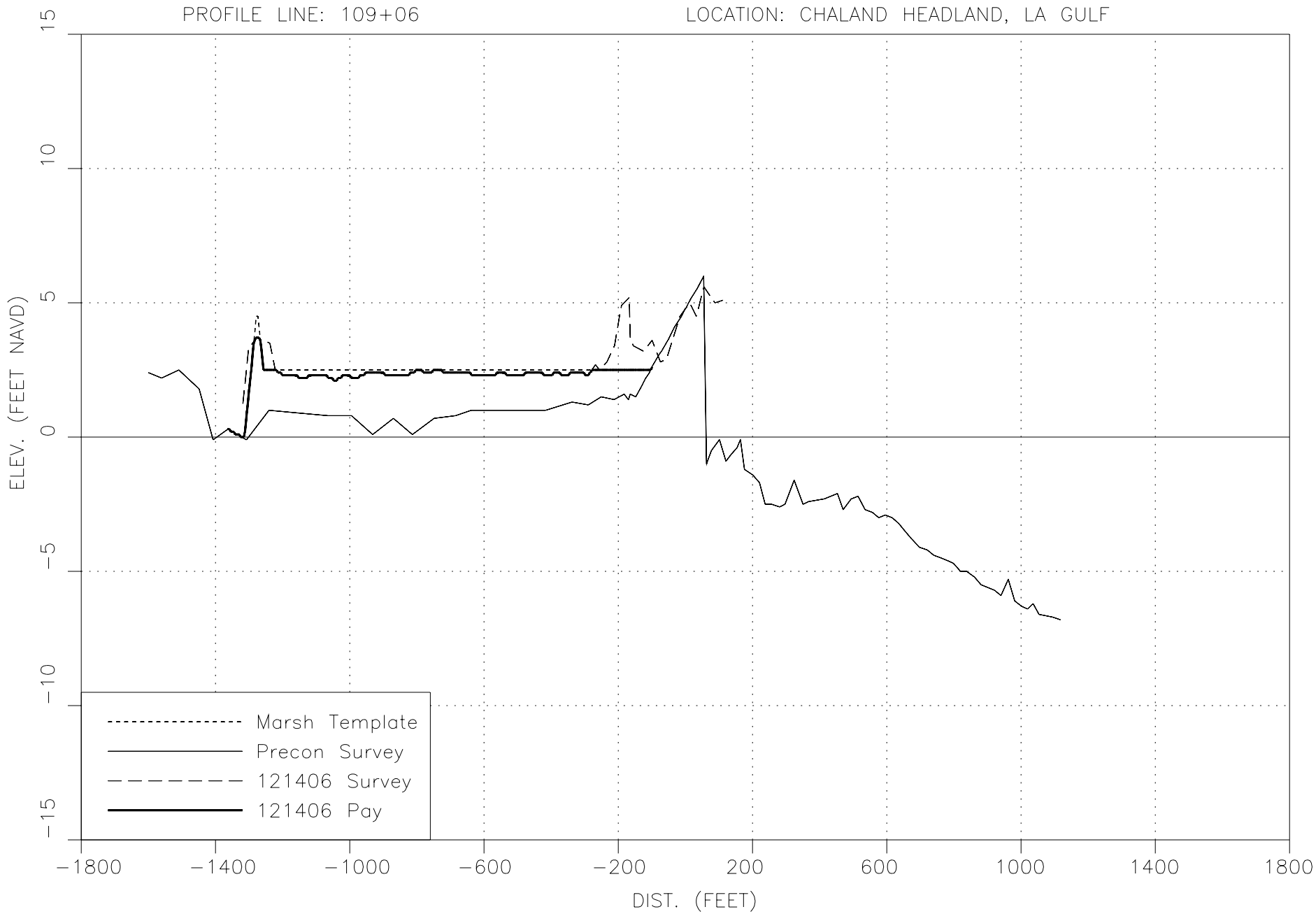
121406 Survey
121406 Pay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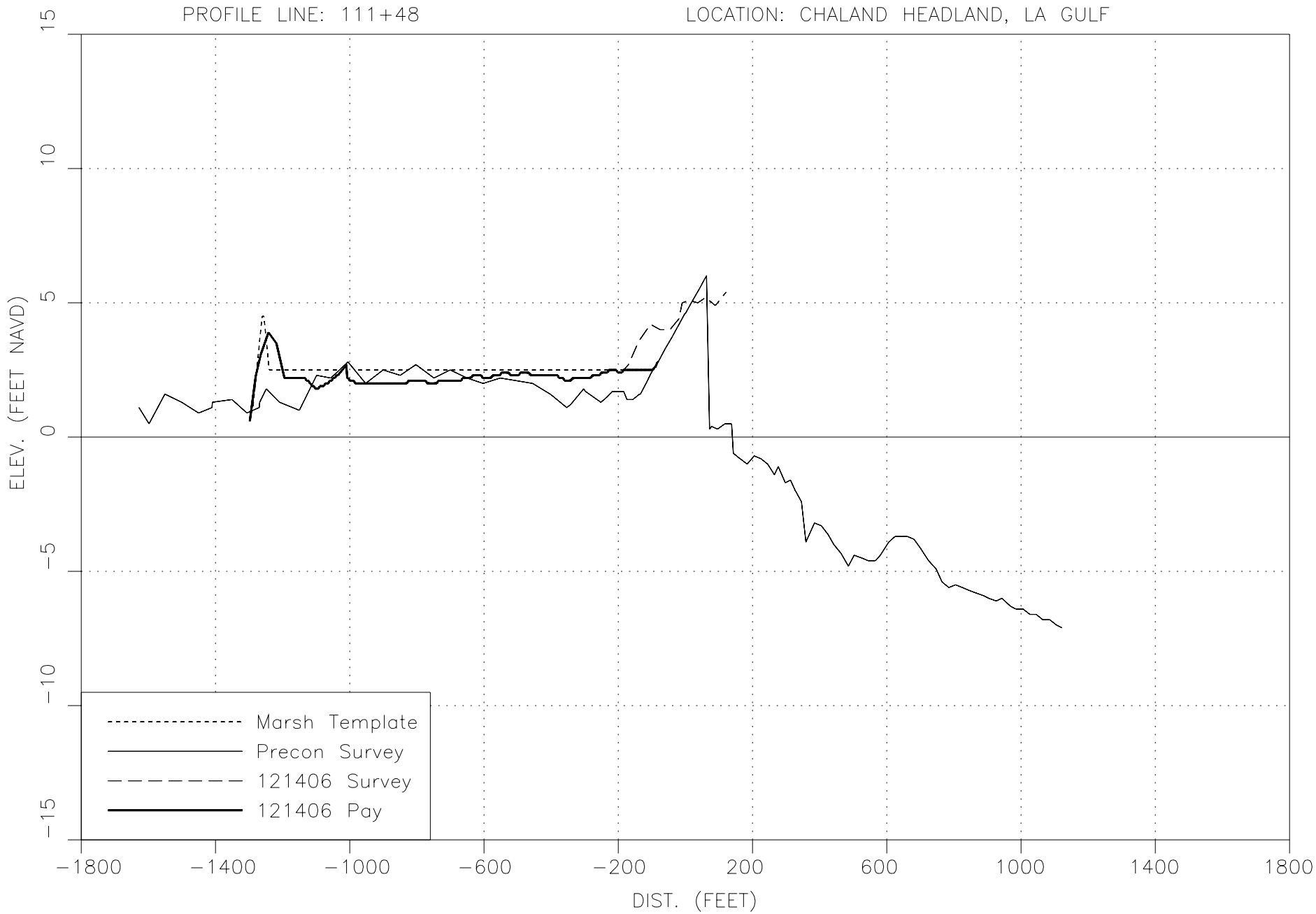
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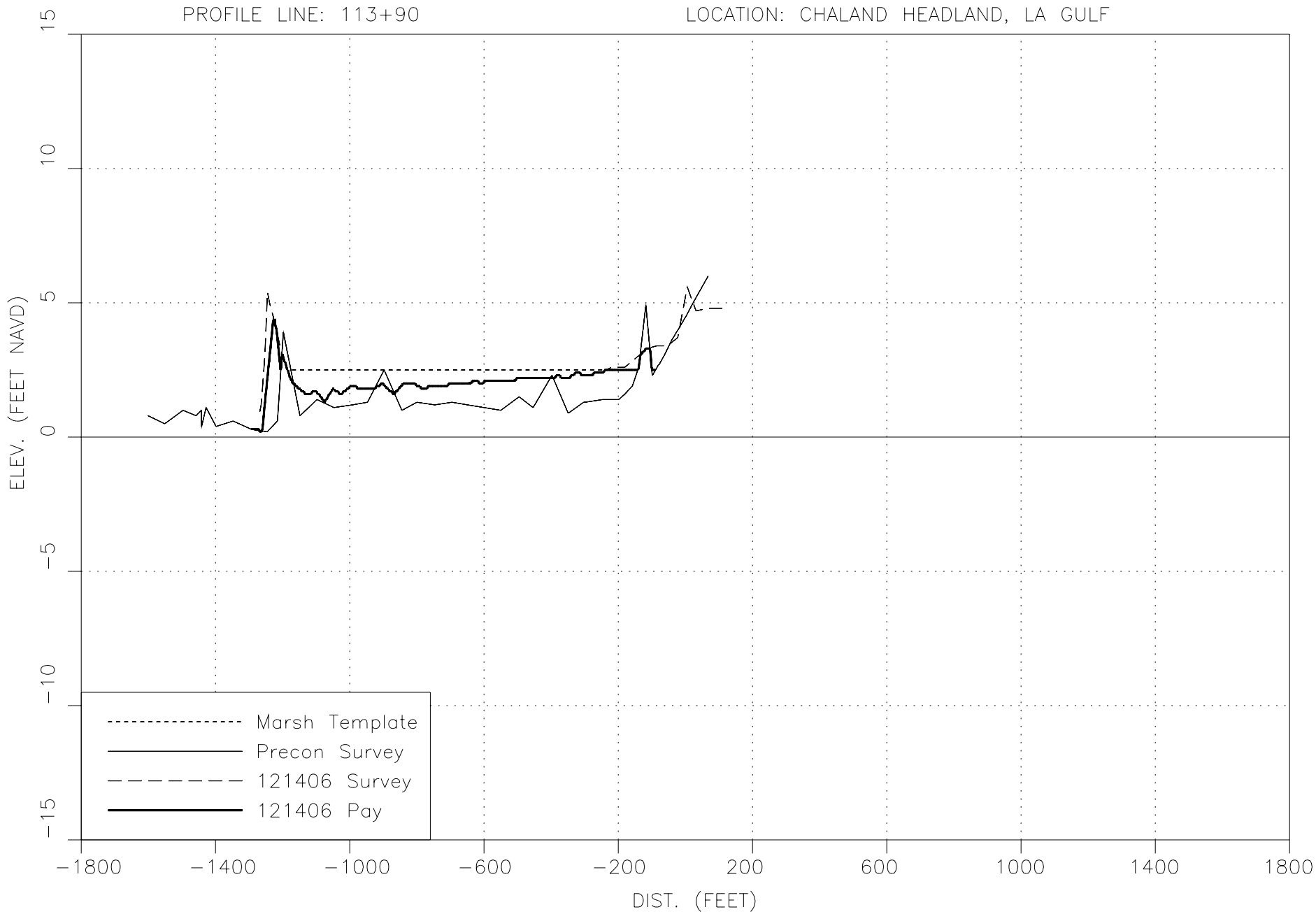
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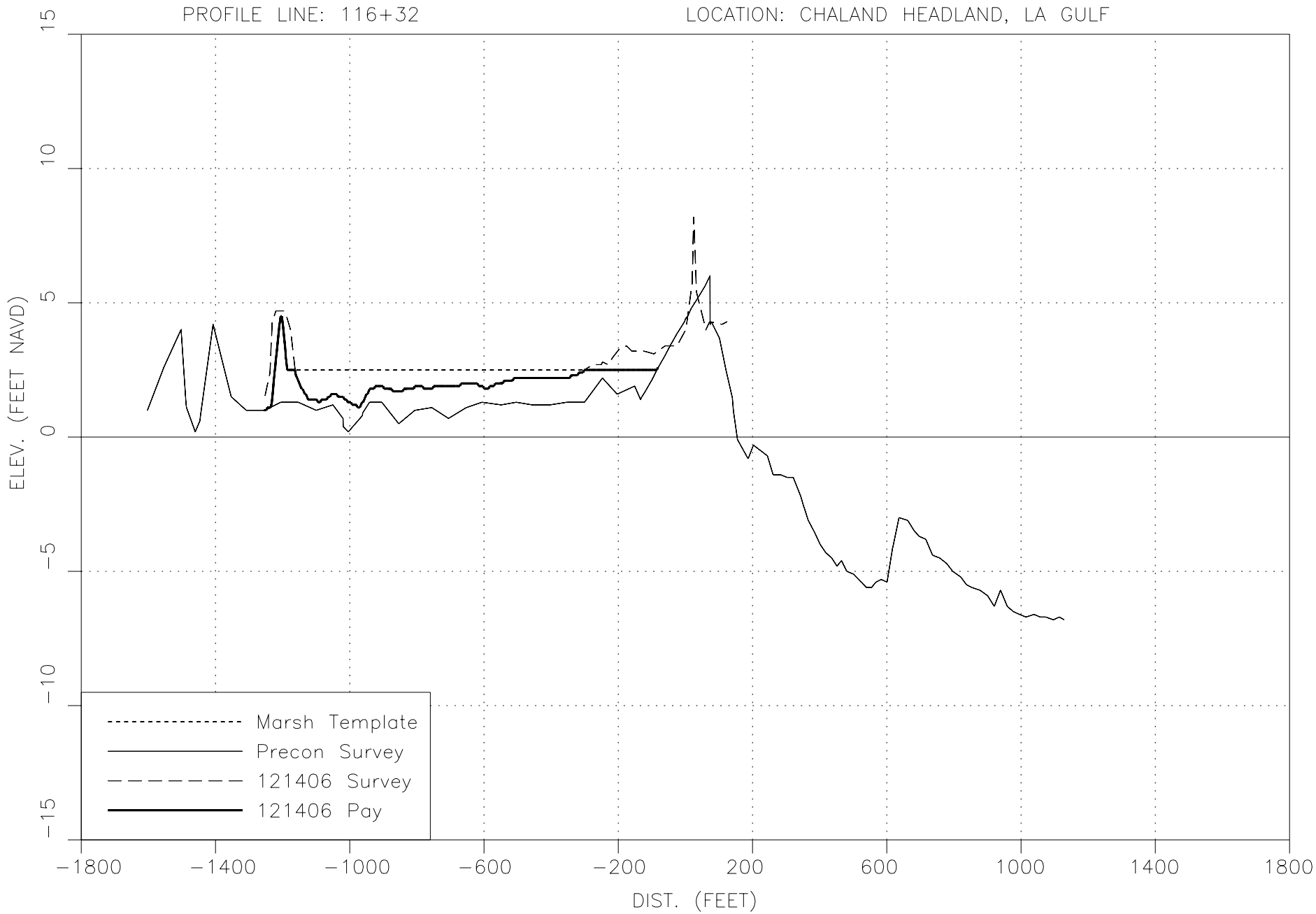
121406 Pay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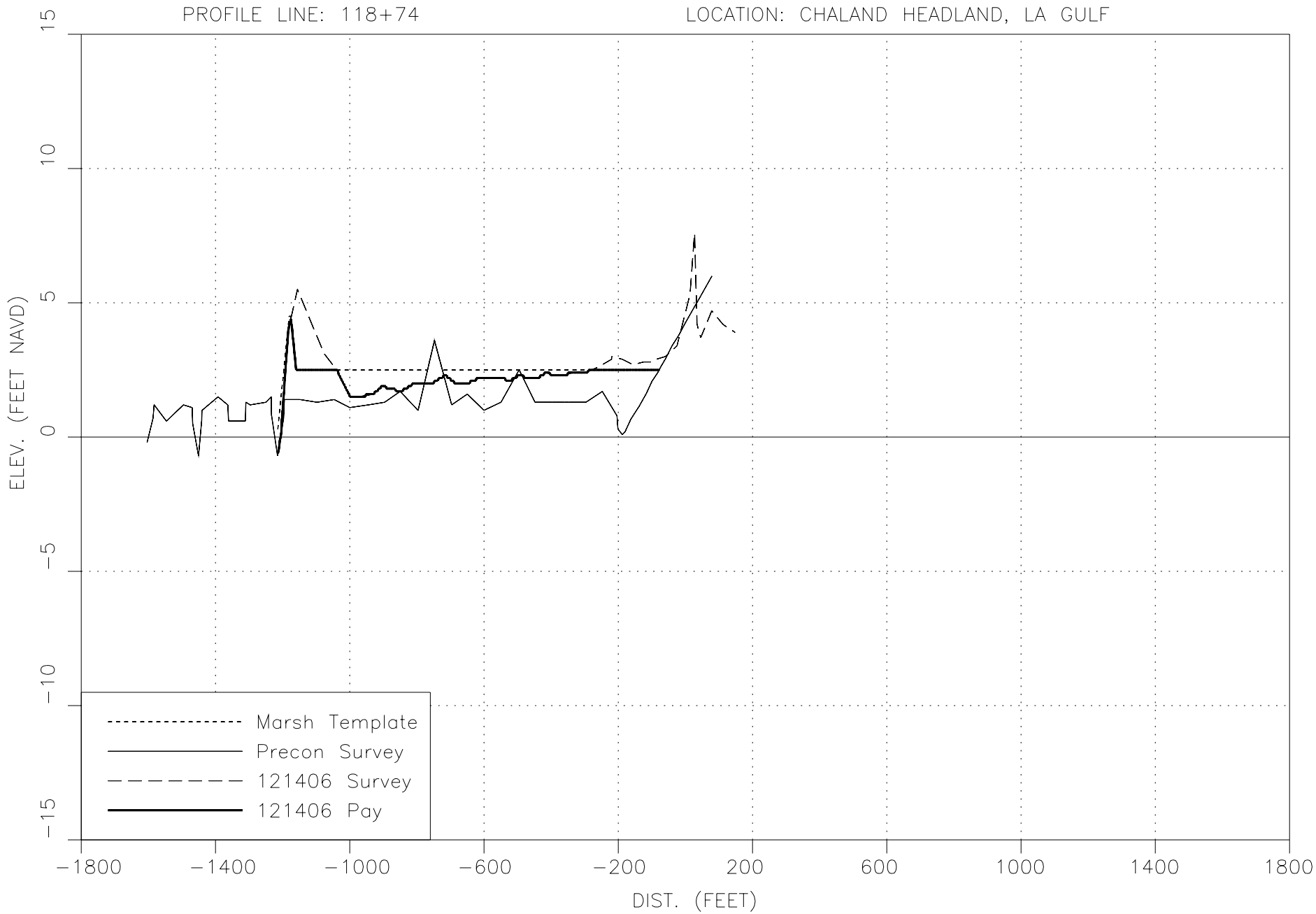
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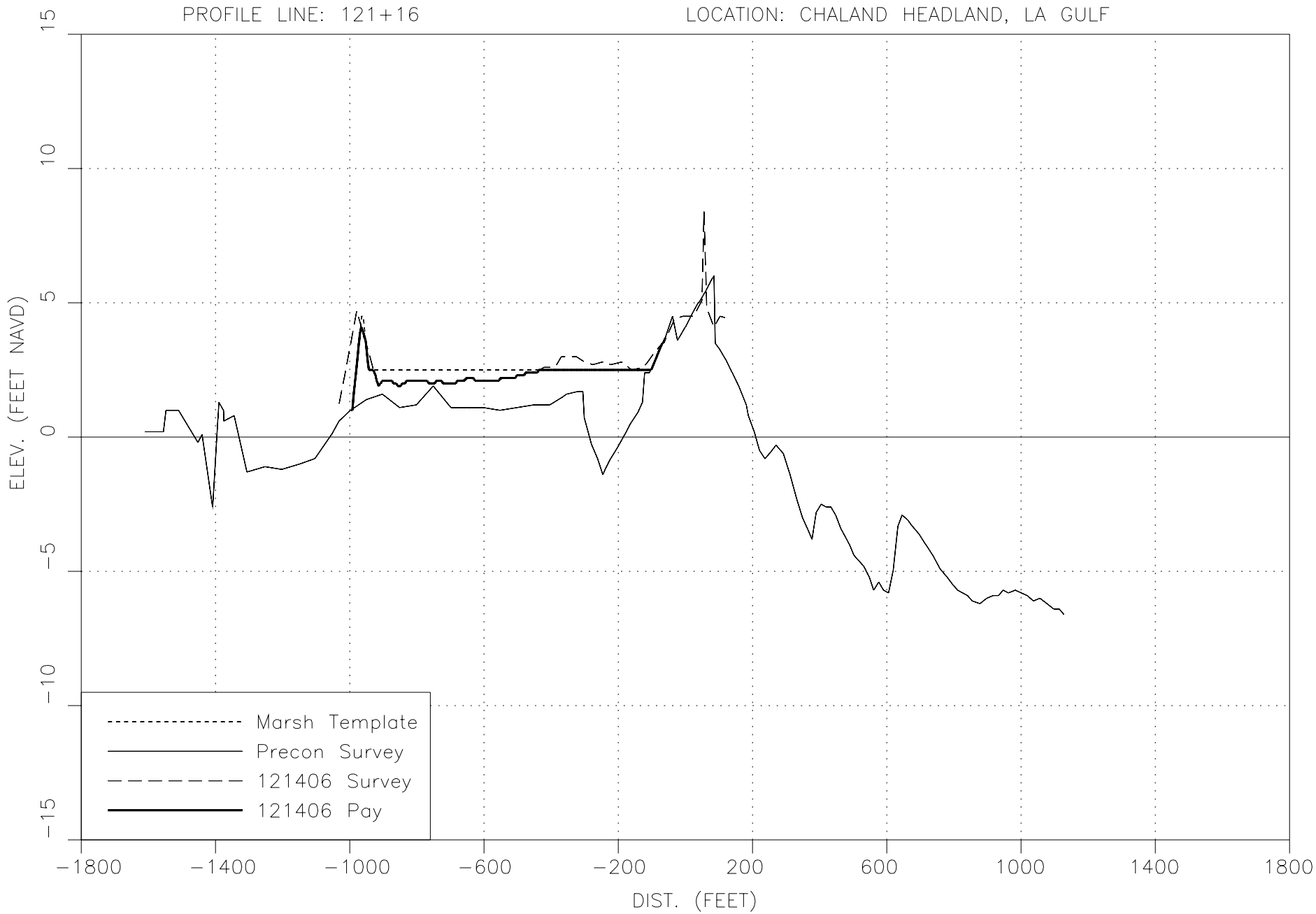
121406 Survey
121406 Pay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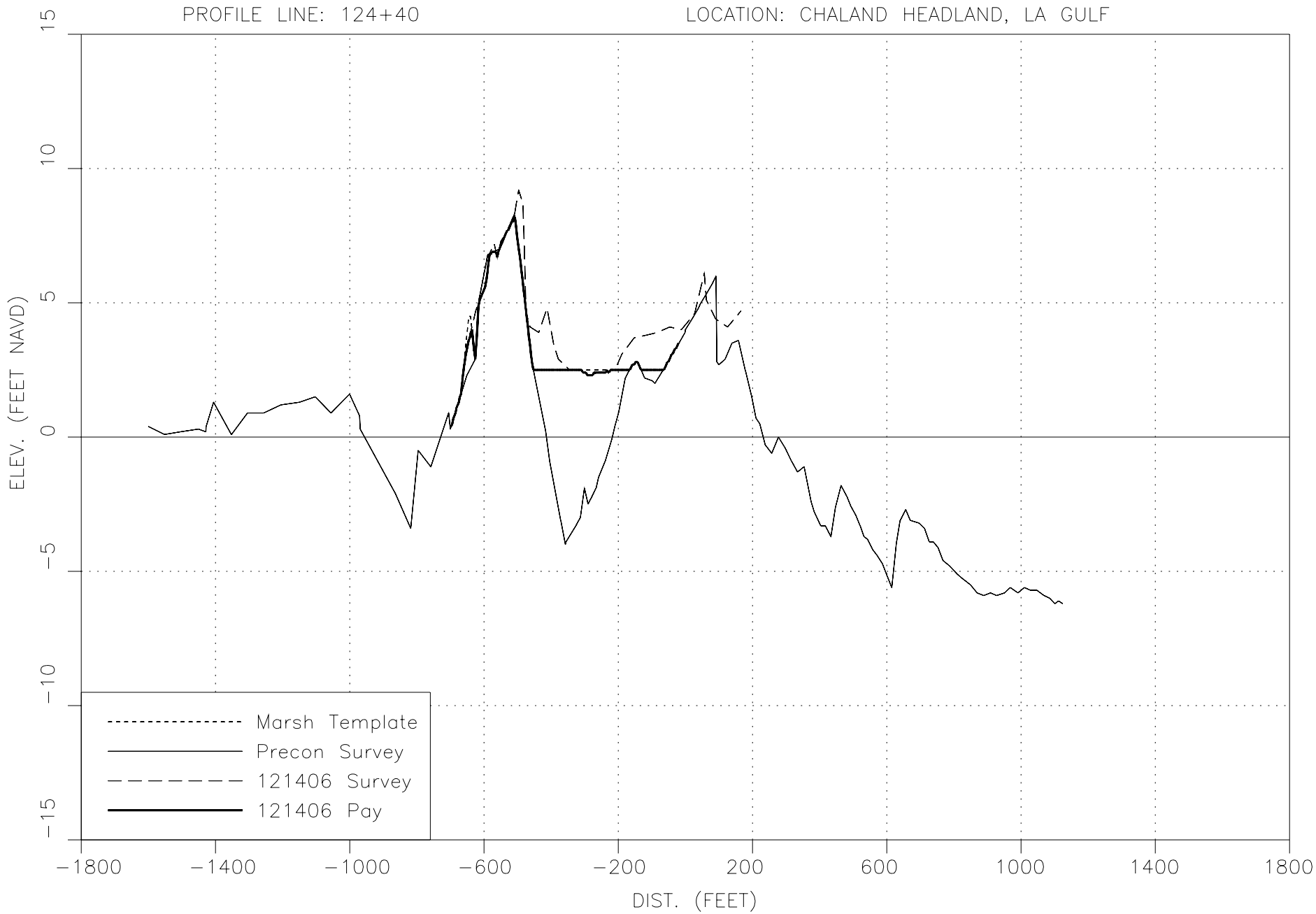
121406 Survey
121406 Pay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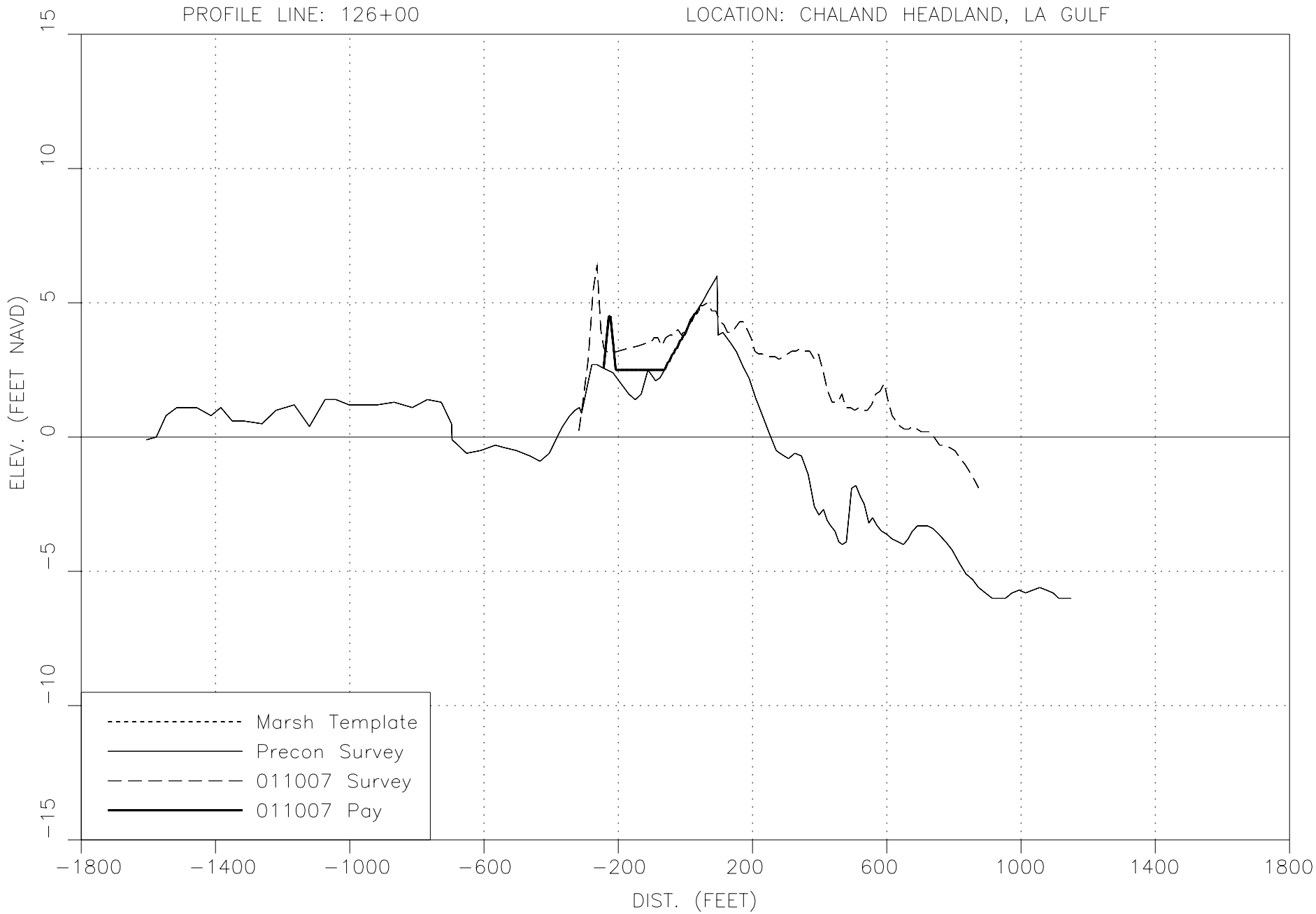
121406 Survey
121406 Pay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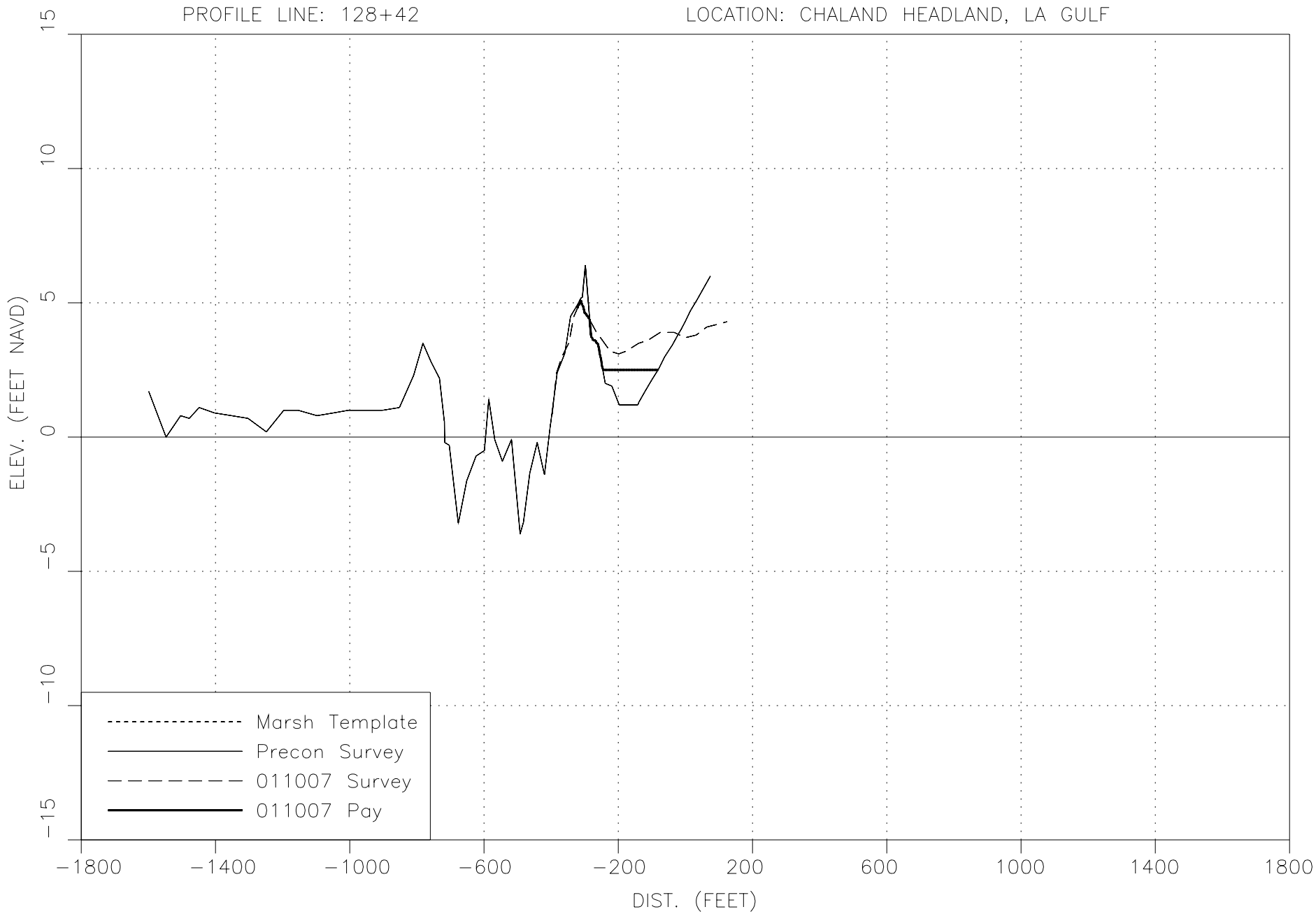
011007 Survey
011007 Pay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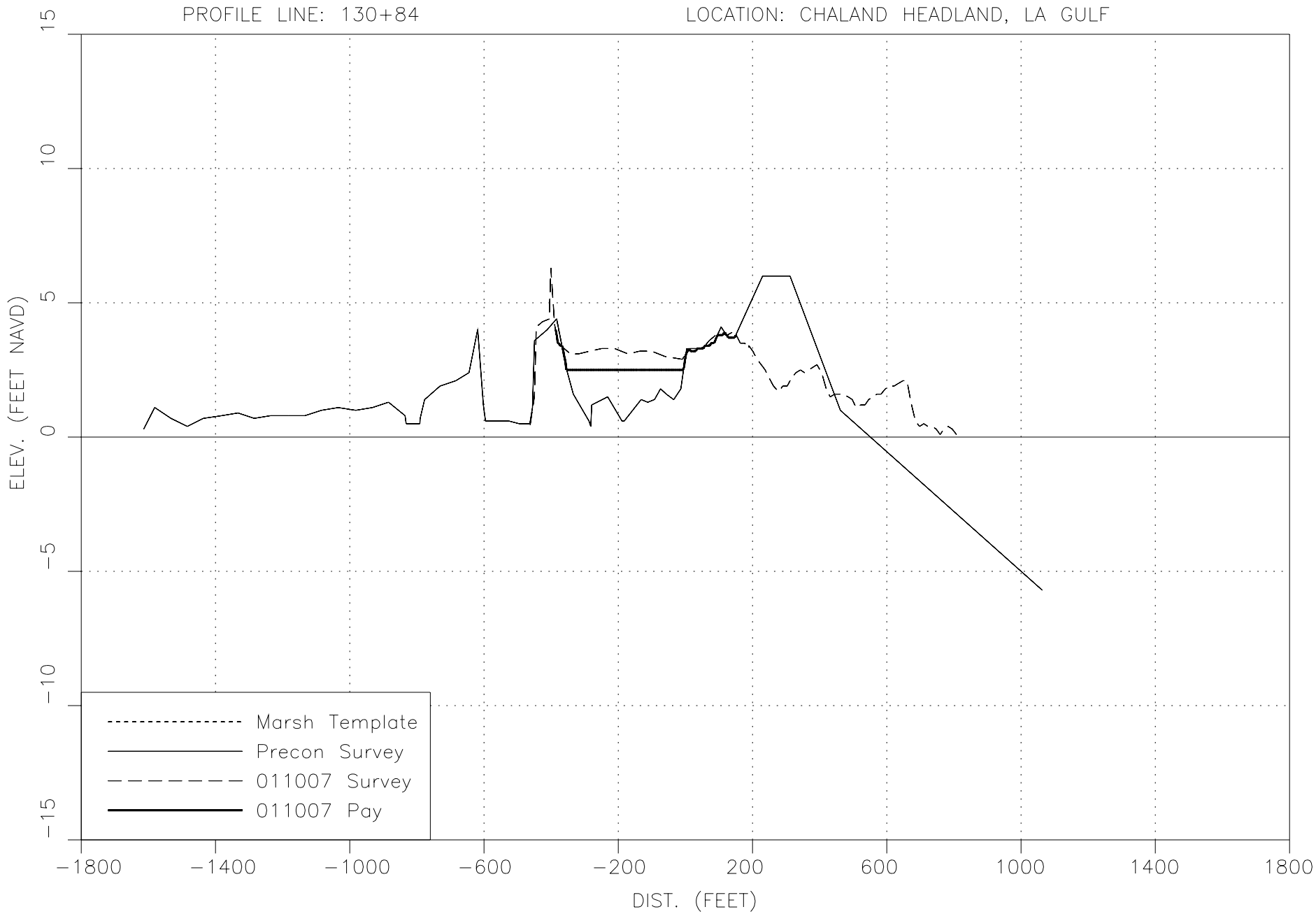
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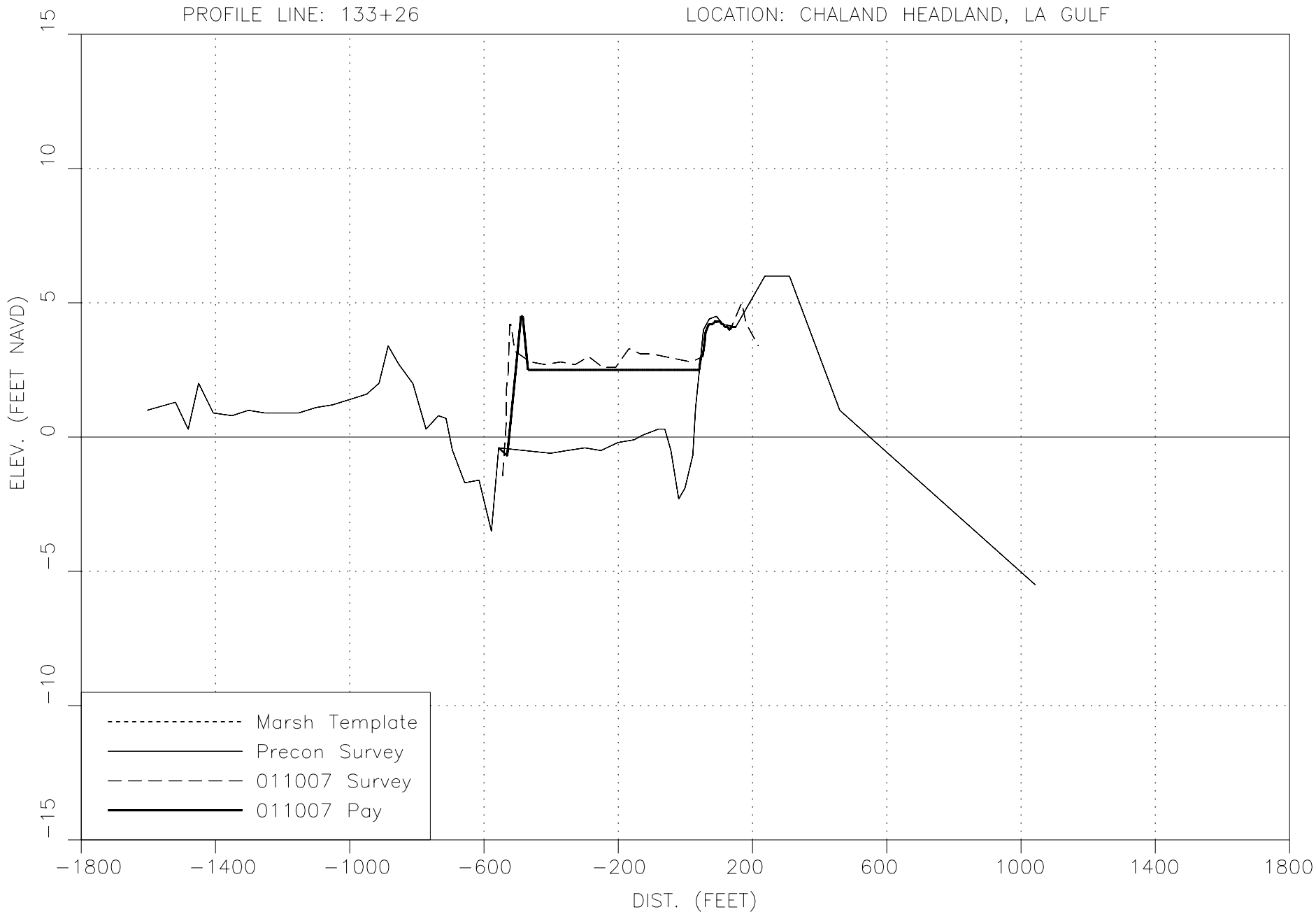
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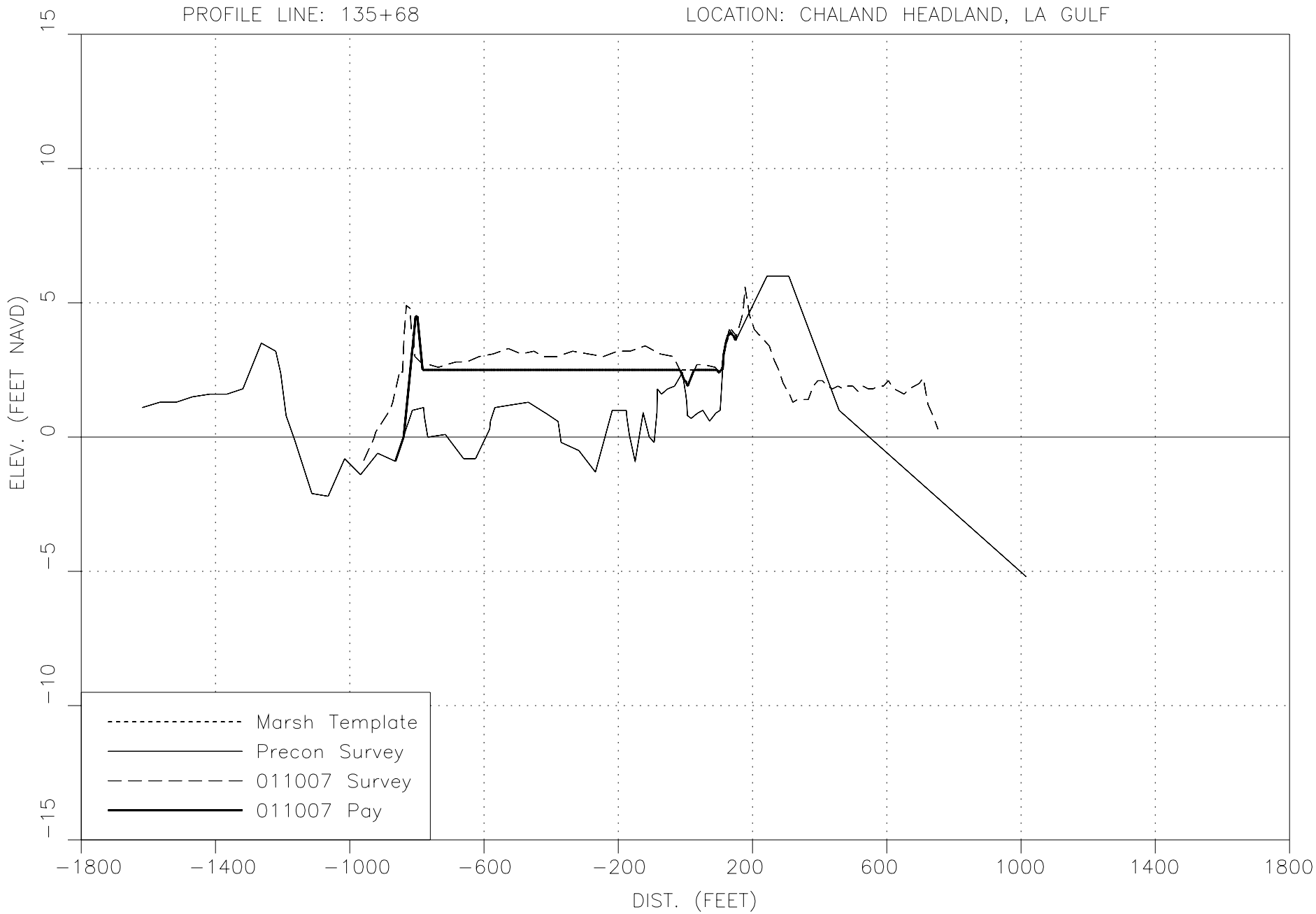
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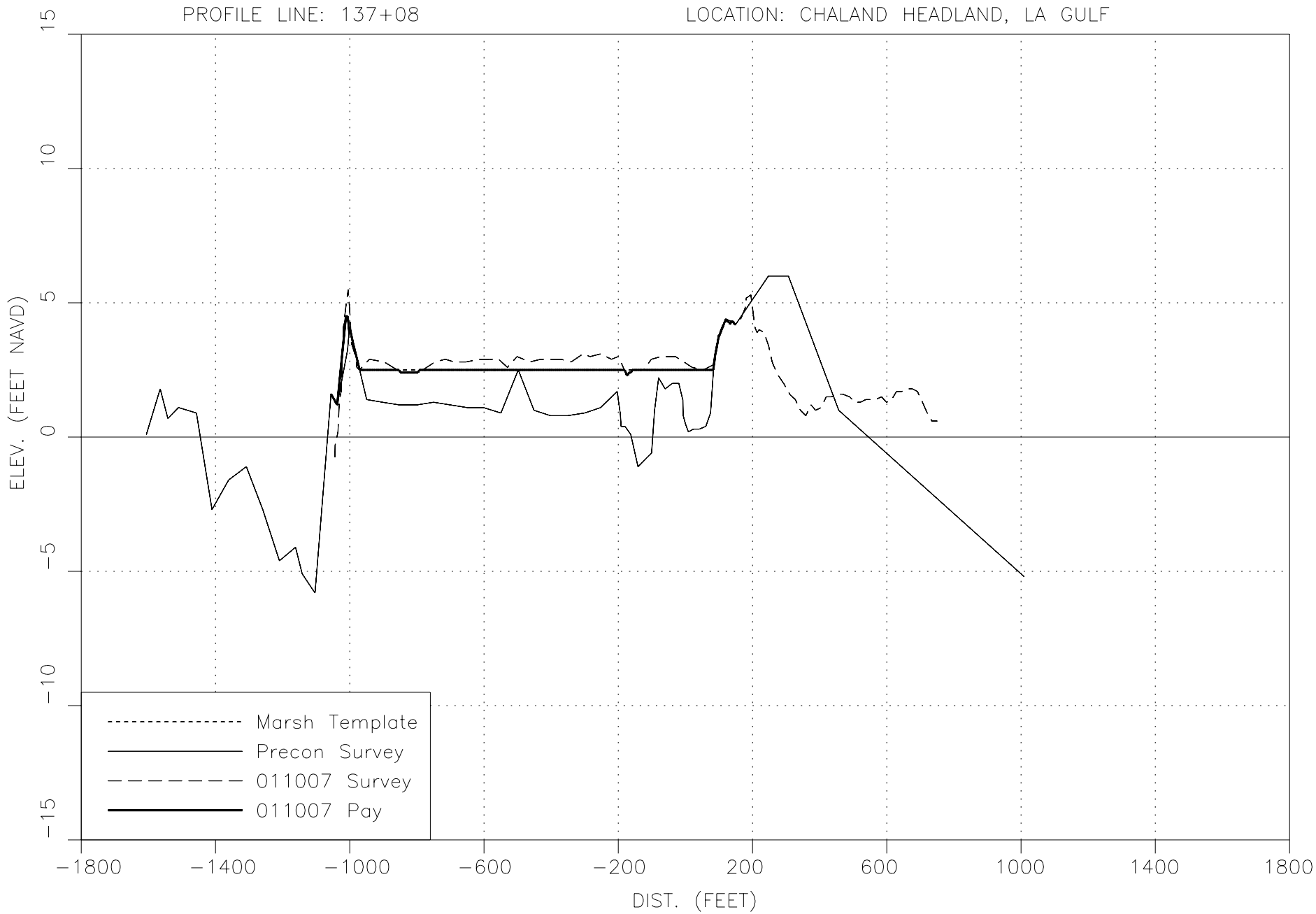
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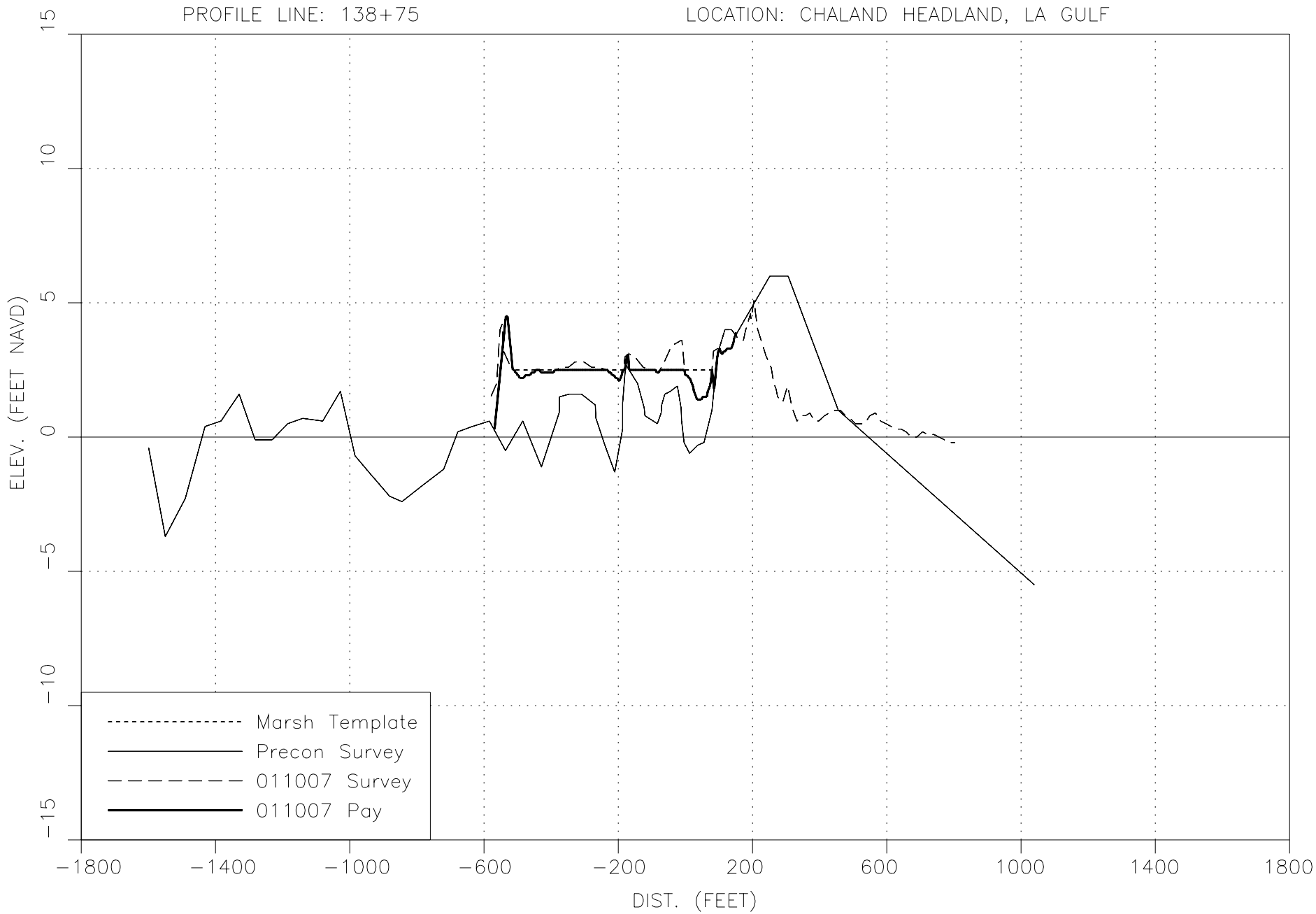
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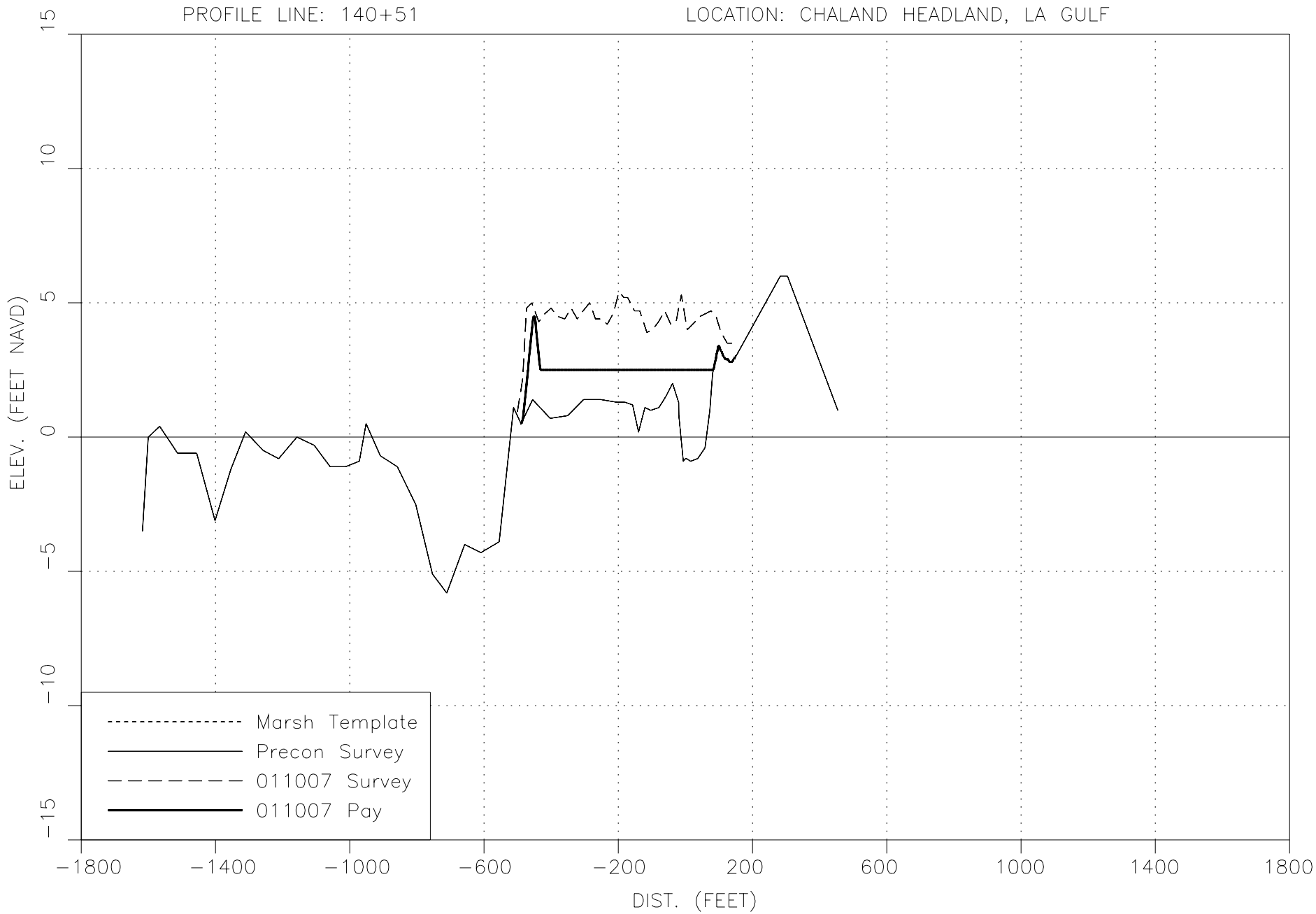
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Marsh Template
Precon Survey
011007 Survey
011007 Pay

APPENDIX B

INVOICE RELATED CORRESPONDENCE

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

January 17, 2006 CC7:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 001
Payment Period: 09/29/05 thru 12/31/05
Date Invoice Received: 01/17/06

	Contract Award	$15,549,195.40
	Net Change by Modifications	$0.00
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		$15,549,195.40

	Held Previous Payment	$0.00
	Held This Payment	$0.00
	Released This Payment	$0.00
RETAINAGE BALANCE		$0.00

	Total Earned	$85,000.00
	Total Amount Previously Paid	$0.00
	Invoiced Amount	$85,000.00
	Retainage Withheld	$0.00
CURRENT INVOICE APPROVAL		$85,000.00

	Total Contract Amount	$15,549,195.40
	Total Previous Payments	$0.00
	Total Current Invoice Approved	$85,000.00
	Retainage Released This Payment	$0.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$15,464,195.40
	Retainage Balance	$0.00
		$15,464,195.40

PAY THIS AMOUNT	Current Invoice Due	$85,000.00
	Retainage Released	$0.00
	Total Due This Payment	$85,000.00

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 1/17/06

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

==========

January 17, 2006

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279

Contractor: ***Weeks Marine, Inc.***

Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 3013000300000000 2RL6RRS P00 2527
Award	$15,549,195.40
Pay No. 1	**($85,000.00)**
BALANCES	$15,464,195.40

Retainages	
Retainage BALANCE	

WEEKS MARINE, INC.
DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE
304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

16 January 2006

Serial Letter No.: H-21

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Pay Estimate #01 & Submittals

Mr. Manthey:

Enclosed please find Contractor Payment Estimate #01 and required submittals. The Pay Estimate has been revised to include the Contract Number, per your direction. Submittals included per your 15 December e-mail are;

-Schedule of Prices
-Statused Construction Schedule for the record
-Statused Project "S" Curve for approval
-Record Drawing and Specification Certification for the record (WMI Serial Letter No. H-19
-Insurance Certification (WMI Serial Letter No. H20)

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Larry J. DaVico
Division Engineer

Enclosure(s)

Cc: Contract File
Rachel Sweeney, Project Manager, NOAA (email)
Gordon Thomson, CPE (email)
J. Stephen Chatry, Vice President, WMI (email)
Mike Ernst, General Manager, Hydraulic Group, WMI (email)
Charles Granger, Sr., Operations Manager, Hydraulic Group, WMI
Gary Johnson, Project Manager, WMI (email)
Jerry Deville, Operations Manager, Mechanical Group, WMI (email)

DCA DSMP
Certificate # C-003-1

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

16-Jan-2006

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
29 Sep 2005 thru 31 Dec 2005

CONTRACT DESCRIPTION:
Dredging for the Construction of Chalend Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL PROJECT NO.: WC133F-05-CN-1279

WMI JOB NO.: 12050258

PAY ESTIMATE: One (1)

INVOICE NO.: 50796

WEEKS MARINE TAXPAYER IDENTIFICATION NO.:
13-5475210

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	0%	Lump Sum	$1,663,000.00	$0.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	0%	Lump Sum	165,000.00	0.00
4	Dune & Beach Fill	0	Cubic Yard	5.55	0.00
5	Marsh Fill	0	Cubic Yard	3.05	0.00
6	Primary Dikes	0.00	Linear Foot	13.35	0.00
7	Oil Infrastructure Access Canal Dredging	0.00	Linear Foot	44.55	0.00
8	Canal Closures	0	Each	18,750.00	0.00
9	Sand Fencing	0.00	Linear Foot	7.75	0.00
10	Settlement Plates	0	Each	1,885.00	0.00
11	Signs	0	Each	1,645.00	0.00
12	Pre-Construction Survey	0	Job	74,200.00	0.00
13	As-Built Survey	0	Job	24,440.00	0.00
	Total Earned To Date				$85,000.00
	Less Previous Payments				0.00
	Amount Due This Invoice				$85,000.00

I hereby certify, to the best of my knowledge and belief, that;
(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Larry J. DaVico
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 876-2555

Larry J. DaVico
Division Engineer

16-Jan-2006

DCA DSMP
Certificate # C-003-1

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**	Period Starting: 29-Sep-2005
CONTRACTOR: **Weeks Marine, Inc.**	Period Ending: 31-Dec-2005

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	0.00000%	0.00000%	0.00000%	0.00
	Performance and Payment Bonds	1	85,000.00	85,000.00	100.00000%	0.00000%	100.00000%	85,000.00
2	Island Breach Closure	1	165,000.00	165,000.00	0.00000%	0.00000%	0.00000%	0.00
	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	0.00000%	0.00000%	0.00000%	0.00
	Marsh Fill	950,200	3.05	2,898,110.00	0.00000%	0.00000%	0.00000%	0.00
	Primary Dikes	20,294	13.35	270,924.90	0.00000%	0.00000%	0.00000%	0.00
	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	0.00000%	0.00000%	0.00000%	0.00
	Canal Closures	3	18,750.00	56,250.00	0.00000%	0.00000%	0.00000%	0.00
	Sand Fencing	27,390	7.75	212,272.50	0.00000%	0.00000%	0.00000%	0.00
	Settlement Plates	7	1,885.00	13,195.00	0.00000%	0.00000%	0.00000%	0.00
	Signs	5	1,645.00	8,225.00	0.00000%	0.00000%	0.00000%	0.00
	Pre-Construction Survey	1	74,200.00	74,200.00	0.00000%	0.00000%	0.00000%	0.00
	As-Built Survey	1	24,440.00	24,440.00	0.00000%	0.00000%	0.00000%	0.00
	Totals			$15,549,195.40	0.54665%	0.00000%	0.54665%	$85,000.00

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

16 January 2006

Serial Letter No.: H-19

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Record Drawing Certification

Mr. Manthey:

This letter serves as the Record Drawing Certification for the Chaland Headland Restoration Project. Currently Record Drawings for this project are being maintained by Frank Lapari of C & C Technologies, Inc. (CCT) and Christian Shaw of Weeks Marine, Inc. (WMI). Copies of Record Drawings are kept at the CCT and WMI offices. Once WMI has established an onsite field office Record Drawings will be kept at the jobsite and maintained by the Project Engineer(s).

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Larry J. DaVico
Division Engineer

Cc: Contract File
Rachel Sweeney, Project Manager, NOAA (email)
Gordon Thomson, CPE (email)
J. Stephen Chatry, Vice President, WMI (email)
Mike Ernst, General Manager, Hydraulic Group, WMI (email)
Charles Granger, Sr., Operations Manager, Hydraulic Group, WMI
Gary Johnson, Project Manager, WMI (email)
Jerry Deville, Operations Manager, Mechanical Group, WMI (email)

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

16 January 2006

Serial Letter No.: H-20

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Insurance Certification

Mr. Manthey:

This letter serves as certification that;

(a) Weeks Marine, Inc. (WMI) has, at its own expense, provided and shall maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the Contract.

(b) Before commencing work under this contract, WMI shall notify the Contracting Officer in writing that the required insurance has been obtained (This letter serves as that notification). The policies evidencing required insurance contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) WMI shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. WMI shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Larry J. DaVico
Division Engineer

DCA DSMP
Certificate # C-003-1

National Oceanic and Atmospheric Administration
OFFICE O[illegible] HE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

April 21, 2006 CC7:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 002
Payment Period: 01/01/06 thru 04/4/06
Date Invoice Received: 04/18/06

CONTRACT TOTAL	Contract Award	$15,549,195.40
	Net Change by Modifications	$238,887.00
	Contract Withholdings and/or Liquidated Damages	$0.00
		$15,788,082.40
RETAINAGE BALANCE	Held Previous Payment	$0.00
	Held This Payment	$0.00
	Released This Payment	$0.00
		$0.00
CURRENT INVOICE APPROVAL	Total Earned	$345,405.00
	Total Amount Previously Paid	$85,000.00
	Invoiced Amount	$260,405.00
	Retainage Withheld	$0.00
		$260,405.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Total Contract Amount	$15,788,082.40
	Total Previous Payments	$85,000.00
	Total Current Invoice Approved	$260,405.00
	Retainage Released This Payment	$0.00
	Contract Balance	$15,442,677.40
	Retainage Balance	$0.00
		$15,442,677.40
PAY THIS AMOUNT	Current Invoice Due	$260,405.00
	Retainage Released	$0.00
	Total Due This Payment	**$260,405.00**

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 4/19/06

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

==========

April 21, 2006

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279

Contractor: ***Weeks Marine, Inc.***

Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 3013000300000 000 2RL6RRS P00 2527	1406 3013000300000 000 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00
Pay No. 1	($85,000.00)	$0.00
Mod No. 2		$238,887.00
Pay No. 2	**($21,518.00)**	**($238,887.00)**
BALANCES	$15,442,677.40	$0.00

Retainages	
Retainage BALANCE	

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

5-Apr-2006

Received Complete Pay Application on April 18, 2006

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
January 1, 2006 thru April 4, 2006

CONTRACT DESCRIPTION:
Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO WC133F-05-CN-1279

WMI JOB NO.: 12050258

PAY ESTIMATE: Two (2)

INVOICE NO.: 60180

WEEKS MARINE TAXPAYER IDENTIFICATION NO.: 13-5475810

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	0%	Lump Sum	$1,663,000.00	$0.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	0%	Lump Sum	165,000.00	0.00
4	Dune & Beach Fill	0	Cubic Yard	5.55	0.00
5	Marsh Fill	0	Cubic Yard	3.05	0.00
6	Primary Dikes	0.00	Linear Foot	13.35	0.00
7	Oil Infrastructure Access Canal Dredging	0.00	Linear Foot	44.55	0.00
8	Canal Closures	0	Each	18,750.00	0.00
9	Sand Fencing	0.00	Linear Foot	7.75	0.00
10	Settlement Plates	0	Each	1,885.00	0.00
11	Signs	0	Each	1,645.00	0.00
12	Pre-Construction Survey	29%	Job	74,200.00	21,518.00
13	As-Built Survey	0	Job	24,440.00	0.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
	Total Earned To Date				$345,405.00
	Less Previous Payments				85,000.00
	Amount Due This Invoice				$260,405.00

I hereby certify, to the best of my knowledge and belief, that;

(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Charles W. Granger
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2521

Gary W. Johnson
Gary W. Johnson
Project Manager - Hydraulic Group

5-Apr-2006

DCA DSMP

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**	Period Starting: 1-Jan-2006
CONTRACTOR: **Weeks Marine, Inc.**	Period Ending: 4-Apr-2006

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	0.00000%	0.00000%	0.00000%	0.00
	Performance and Payment Bonds	1	85,000.00	85,000.00	0.00000%	100.00000%	100.00000%	85,000.00
2	Island Breach Closure	1	165,000.00	165,000.00	0.00000%	0.00000%	0.00000%	0.00
	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	0.00000%	0.00000%	0.00000%	0.00
	Marsh Fill	950,200	3.05	2,898,110.00	0.00000%	0.00000%	0.00000%	0.00
	Primary Dikes	20,294	13.35	270,924.90	0.00000%	0.00000%	0.00000%	0.00
	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	0.00000%	0.00000%	0.00000%	0.00
	Canal Closures	3	18,750.00	56,250.00	0.00000%	0.00000%	0.00000%	0.00
	Sand Fencing	27,390	7.75	212,272.50	0.00000%	0.00000%	0.00000%	0.00
	Settlement Plates	7	1,885.00	13,195.00	0.00000%	0.00000%	0.00000%	0.00
	Signs	5	1,645.00	8,225.00	0.00000%	0.00000%	0.00000%	0.00
	Pre-Construction Survey	1	74,200.00	74,200.00	29.00000%	0.00000%	29.00000%	21,518.00
	As-Built Survey	1	24,440.00	24,440.00	0.00000%	0.00000%	0.00000%	0.00
	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	100.00000%	0.00000%	100.00000%	238,887.00
	Totals			$15,788,082.40	1.64938%	0.53838%	2.18776%	$345,405.00

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

4 April 2006

Serial Letter No.: S-05

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Insurance Certification

Mr. Manthey:

This letter serves as certification that;

(a) Weeks Marine, Inc. (WMI) has, at its own expense, provided and shall maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the Contract.

(b) Before commencing work under this contract, WMI did notify the Contracting Officer in writing that the required insurance had been obtained. The policies evidencing required insurance contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) WMI shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. WMI shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

If you have any questions or if you require additional information please do not hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W Johnson

Gary W Johnson
Project Manager
Hydraulic Group

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

4 April 2006

Serial Letter No.: S-04

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Record Drawing Certification

Mr. Manthey:

This letter serves as the Record Drawing Certification for the Chaland Headland Restoration Project. Currently Record Drawings for this project are being maintained at the onsite field office by the Project Engineers as soon as they are certified and received. Copies of Record Drawings are also kept at the CCT and WMI offices.

If you have any questions or comments or if you require additional information please do not hesitate to contact me.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

Cc: Contract File

UNITED S[illegible]ES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

May 5, 2006 CC7:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 003
Payment Period: 04/05/06 thru 04/30/06
Date Invoice Received: 05/03/06

	Contract Award	$15,549,195.40
	Net Change by Modifications	$271,880.62
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		**$15,821,076.02**

	Held Previous Payment	$0.00
	Held This Payment	$0.00
	Released This Payment	$0.00
RETAINAGE BALANCE		**$0.00**

	Total Earned	$425,753.72
	Total Amount Previously Paid	$345,405.00
	Invoiced Amount	$80,348.72
	Retainage Withheld	$0.00
CURRENT INVOICE APPROVAL		**$80,348.72**

	Total Contract Amount	$15,821,076.02
	Total Previous Payments	$345,405.00
	Total Current Invoice Approved	$80,348.72
	Retainage Released This Payment	$0.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$15,395,322.30
	Retainage Balance	$0.00
		$15,395,322.30

PAY THIS AMOUNT	Current Invoice Due	$80,348.72
	Retainage Released	$0.00
	Total Due This Payment	**$80,348.72**

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 5/5/06

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

==========

May 5, 2006

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 3013000300000 000 2RL6RRS P00 2527	1406 3013000300000 000 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00
Pay No. 1	($85,000.00)	$0.00
Mod No. 2		$238,887.00
Pay No. 2	($21,518.00)	($238,887.00)
Mod No. 3		$32,993.62
Pay No. 3	$ (47,355.10)	($32,993.62)
BALANCES	**$15,395,322.30**	**$0.00**

Retainages	
Retainage BALANCE	

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

3-May-2006

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED: April 5, 2006 thru April 30, 2006

CONTRACT DESCRIPTION: Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO. WC133F-05-CN-1279

WMI JOB NO.: 12050258

PAY ESTIMATE: Three (3)

INVOICE NO.: 60229

WEEKS MARINE TAXPAYER IDENTIFICATION NO.: 13-5475810

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	0%	Lump Sum	$1,663,000.00	$0.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	0%	Lump Sum	165,000.00	0.00
4	Dune & Beach Fill	0	Cubic Yard	5.55	0.00
5	Marsh Fill	0	Cubic Yard	3.05	0.00
6	Primary Dikes	3,406.00	Linear Foot	13.35	45,470.10
7	Oil Infrastructure Access Canal Dredging	0.00	Linear Foot	44.55	0.00
8	Canal Closures	0	Each	18,750.00	0.00
9	Sand Fencing	0.00	Linear Foot	7.75	0.00
10	Settlement Plates	1	Each	1,885.00	1,885.00
11	Signs	0	Each	1,645.00	0.00
12	Pre-Construction Survey	29%	Job	74,200.00	21,518.00
13	As-Built Survey	0	Job	24,440.00	0.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
15	Mod. No. 0003	1	Job	32,993.62	32,993.62
	Total Earned To Date				$425,753.72
	Less Previous Payments				345,405.00
	Amount Due This Invoice				$80,348.72

I hereby certify, to the best of my knowledge and belief, that;

(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Charles W. Granger
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2521

Gary W. Johnson
Project Manager - Hydraulic Group

3-May-2006

DCA DSMP
Certificate # C-003-1

SCHEDULE OF PRICES

Location/Contract No.: **Challand Headland Restoration (BA-38-2) CWPPRA Project/WC133F-06-CN-1279**	Period Starting: 5-Apr-2006
CONTRACTOR: **Weeks Marine, Inc.**	Period Ending: 30-Apr-2006

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	0.00000%	0.00000%	0.00000%	0.00
	Performance and Payment Bonds	1	85,000.00	85,000.00	0.00000%	100.00000%	100.00000%	85,000.00
2	Island Breach Closure	1	165,000.00	165,000.00	0.00000%	0.00000%	0.00000%	0.00
	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	0.00000%	0.00000%	0.00000%	0.00
	Marsh Fill	950,200	3.05	2,898,110.00	0.00000%	0.00000%	0.00000%	0.00
	Primary Dikes	20,294	13.35	270,924.90	16.78329%	0.00000%	16.78329%	45,470.10
	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	0.00000%	0.00000%	0.00000%	0.00
	Canal Closures	3	18,750.00	56,250.00	0.00000%	0.00000%	0.00000%	0.00
	Sand Fencing	27,390	7.75	212,272.50	0.00000%	0.00000%	0.00000%	0.00
	Settlement Plates	7	1,885.00	13,195.00	14.28570%	0.00000%	14.28570%	1,885.00
	Signs	5	1,645.00	8,225.00	0.00000%	0.00000%	0.00000%	0.00
	Pre-Construction Survey	1	74,200.00	74,200.00	0.00000%	29.00000%	29.00000%	21,518.00
	As-Built Survey	1	24,440.00	24,440.00	0.00000%	0.00000%	0.00000%	0.00
	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	0.00000%	0.00000%	100.00000%	238,887.00
	Mod. 0003 Re-establish Survey Monument	1	32,993.62	32,993.62	100.00000%	0.00000%	100.00000%	32,993.62
	Totals			$15,821,076.02	0.29932%	0.67327%	0.97258%	$425,753.72

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

3 May 2006

Serial Letter No.: S-06

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Payment Estimate #03

Mr. Manthey:

Enclosed please find Payment Estimate #03, Partial, for the Chaland Headland project. This invoice is for pay period April 5, 2006 thru April 30, 2006.

If you have any questions or need additional information please don't hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson
Project Manager

Enclosure(s)

Cc: Contract File

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

3 May 2006

Serial Letter No.: S-07

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Record Drawing Certification

Mr. Manthey:

This letter serves as the Record Drawing Certification for the Chaland Headland Restoration Project. Currently Record Drawings for this project are being maintained at the onsite field office by the Project Engineers as soon as they are certified and received. Copies of Record Drawings are also kept at the CCT and WMI offices.

If you have any questions or comments or if you require additional information please do not hesitate to contact me.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

Cc: Contract File

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

3 May 2006

Serial Letter No.: S-08

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Insurance Certification

Mr. Manthey:

This letter serves as certification that;

(a) Weeks Marine, Inc. (WMI) has, at its own expense, provided and shall maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the Contract.

(b) Before commencing work under this contract, WMI did notify the Contracting Officer in writing that the required insurance had been obtained. The policies evidencing required insurance contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) WMI shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. WMI shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

If you have any questions or if you require additional information please do not hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W Johnson

Gary W Johnson
Project Manager
Hydraulic Group

DCA DSMP
Certificate # C-003-1

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

June 7, 2006 CC7:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 004
Payment Period: 05/01/06 thru 05/31/06
Date Invoice Received: 05/07/06

	Contract Award	$15,549,195.40
	Net Change by Modifications	$271,880.62
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		$15,821,076.02

	Held Previous Payment	$0.00
	Held This Payment	$0.00
	Released This Payment	$0.00
RETAINAGE BALANCE		$0.00

	Total Earned	$527,032.40
	Total Amount Previously Paid	$425,753.72
	Invoiced Amount	$101,278.68
	Retainage Withheld	$0.00
CURRENT INVOICE APPROVAL		$101,278.68

	Total Contract Amount	$15,821,076.02
	Total Previous Payments	$425,753.72
	Total Current Invoice Approved	$101,278.68
	Retainage Released This Payment	$0.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$15,294,043.62
	Retainage Balance	$0.00
		$15,294,043.62

PAY THIS AMOUNT	Current Invoice Due	$101,278.68
	Retainage Released	$0.00
	Total Due This Payment	$101,278.68

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 6/07/06

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

==========

June 7, 2006

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279

Contractor: ***Weeks Marine, Inc.***

Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No (Current Payment in Bold)	1405 3013000300000 000 2RL6RRS P00 2527	1406 3013000300000 000 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00
Pay No. 1	($85,000.00)	$0.00
Mod No. 2		$238,887.00
Pay No. 2	($21,518.00)	($238,887.00)
Mod No. 3		$32,993.62
Pay No. 3	$ (47,355.10)	($32,993.62)
Pay No. 4	$ (101,278.68)	
BALANCES	$15,294,043.62	$0.00

Retainages	
Retainage BALANCE	

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

7 June 2006

Serial Letter No.: S-17

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Payment Estimate #04

Mr. Manthey:

Enclosed please find revised Payment Estimate #04, Partial, for the Chaland Headland project. This invoice is for pay period May 1, 2006 thru May 31, 2006.

If you have any questions or need additional information please don't hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager

Enclosure(s)

Cc: Contract File

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

7-Jun-2006

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
May 1, 2006 thru May 31, 2006

CONTRACT DESCRIPTION:
Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO. **WC133F-05-CN-1279**

WMI JOB NO.: **12050258**

PAY ESTIMATE: Four (4)

INVOICE NO.: 60297

WEEKS MARINE TAXPAYER IDENTIFICATION NO.:
13-5475810

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	0%	Lump Sum	$1,663,000.00	$0.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	0%	Lump Sum	165,000.00	0.00
4	Dune & Beach Fill	0	Cubic Yard	5.55	0.00
5	Marsh Fill	0	Cubic Yard	3.05	0.00
6	Primary Dikes	7,046.20	Linear Foot	13.35	94,066.78
7	Oil Infrastructure Access Canal Dredging	0.00	Linear Foot	44.55	0.00
8	Canal Closures	0	Each	18,750.00	0.00
9	Sand Fencing	0.00	Linear Foot	7.75	0.00
10	Settlement Plates	1	Each	1,885.00	1,885.00
11	Signs	0	Each	1,645.00	0.00
12	Pre-Construction Survey	100%	Job	74,200.00	74,200.00
13	As-Built Survey	0	Job	24,440.00	0.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
15	Mod. No. 0003	1	Job	32,993.62	32,993.62
	Total Earned To Date				$527,032.40
	Less Previous Payments				425,753.72
	Amount Due This Invoice				$101,278.68

I hereby certify, to the best of my knowledge and belief, that;

(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Charles W. Granger
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2521

Gary W. Johnson
Project Manager - Hydraulic Group

7-Jun-2006

DCA DSMP
Certificate # C-003-1

Chaland Primary Dike 6/1/2006

CG12 -CG23	6100'	
Reach Between rob Canal	191'	
Closure CG18A- CG19	176'	
	5733'	Complete CG12 - CG23
West End	334'	
	6067'	**Total**
	x 60%	
	3640.2'	This Estimate

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**	Period Starting: 1-May-2006
CONTRACTOR: **Weeks Marine, Inc.**	Period Ending: 31-May-2006

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	0.00000%	0.00000%	0.00000%	0.00
	Performance and Payment Bonds	1	85,000.00	85,000.00	0.00000%	100.00000%	100.00000%	85,000.00
2	Island Breach Closure	1	165,000.00	165,000.00	0.00000%	0.00000%	0.00000%	0.00
	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	0.00000%	0.00000%	0.00000%	0.00
	Marsh Fill	950,200	3.05	2,898,110.00	0.00000%	0.00000%	0.00000%	0.00
	Primary Dikes	20,294	13.35	270,924.90	17.93732%	16.78329%	34.72061%	94,066.78
	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	0.00000%	0.00000%	0.00000%	0.00
	Canal Closures	3	18,750.00	56,250.00	0.00000%	0.00000%	0.00000%	0.00
	Sand Fencing	27,390	7.75	212,272.50	0.00000%	0.00000%	0.00000%	0.00
	Settlement Plates	7	1,885.00	13,195.00	0.00000%	14.28570%	14.28570%	1,885.00
	Signs	5	1,645.00	8,225.00	0.00000%	0.00000%	0.00000%	0.00
	Pre-Construction Survey	1	74,200.00	74,200.00	71.00000%	29.00000%	100.00000%	74,200.00
	As-Built Survey	1	24,440.00	24,440.00	0.00000%	0.00000%	0.00000%	0.00
	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	0.00000%	100.00000%	100.00000%	238,887.00
	Mod. 0003 Re-establish Survey Monument	1	32,993.62	32,993.62	0.00000%	100.00000%	100.00000%	32,993.62
	Totals			$15,821,076.02	0.64015%	2.48251%	3.12266%	$527,032.40

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

July 10, 2006 CC7:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 005
Payment Period: 06/01/06 thru 06/30/06
Date Invoice Received: 06/06/06

	Contract Award	$15,549,195.40
	Net Change by Modifications	$271,880.62
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		**$15,821,076.02**

	Held Previous Payment	$0.00
	Held This Payment	$117,967.00
	Released This Payment	$0.00
RETAINAGE BALANCE		**$117,967.00**

	Total Earned	$1,706,702.82
	Total Amount Previously Paid	$527,032.40
	Invoiced Amount	$1,179,670.42
	Retainage Withheld	$117,967.00
CURRENT INVOICE APPROVAL		**$1,061,703.42**

	Total Contract Amount	$15,821,076.02
	Total Previous Payments	$527,032.40
	Total Current Invoice Approved	$1,061,703.42
	Retainage Released This Payment	$0.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$14,114,373.20
	Retainage Balance	$117,967.00
		$14,232,340.20

PAY THIS AMOUNT	Current Invoice Due	$1,061,703.42
	Retainage Released	$0.00
	Total Due This Payment	**$1,061,703.42**

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 7/10/06

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

==========

July 10, 2006

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 3013000300000 000 2RL6RRS P00 2527	1406 3013000300000 000 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00
Pay No. 1	$ (85,000.00)	$ -
Mod No. 2		$ 238,887.00
Pay No. 2	$ (21,518.00)	$ (238,887.00)
Mod No. 3		$ 32,993.62
Pay No. 3	$ (47,355.10)	($32,993.62)
Pay No. 4	$ (101,278.68)	
Mod No. 4	$ -	
Pay No. 5	**$ (1,061,703.42)**	
Pay No. 5 (Retainage Withheld)	**$ (117,967.00)**	
BALANCES	**$14,114,373.20**	**$0.00**

Retainages	**1405 3013000300000000 2RL6RRS P00 2509**
Pay 005, Retainage	$117,967.00
Retainage BALANCE	**$117,967.00**

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

1 July 2006

Serial Letter No.: S-17

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Payment Estimate #05

Mr. Manthey:

Enclosed please find Payment Estimate #05, Partial, for the Chaland Headland project. This invoice is for pay period June 1, 2006 thru June 30, 2006.

If you have any questions or need additional information please don't hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson
Project Manager

Enclosure(s)

Cc: Contract File

DCA DSMP
Certificate # C-003-1

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
June 1, 2006 thru June 30, 2006

CONTRACT DESCRIPTION:
Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO. **WC133F-05-CN-1279**

WMI JOB NO.: **12050258**

PAY ESTIMATE: Five (5)

INVOICE NO.: 60374

WEEKS MARINE TAXPAYER IDENTIFICATION NO.:
13-5475810

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	60%	Lump Sum	$1,663,000.00	$997,800.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	0%	Lump Sum	165,000.00	0.00
4	Dune & Beach Fill	0	Cubic Yard	5.55	0.00
5	Marsh Fill	0	Cubic Yard	3.05	0.00
6	Primary Dikes	9,752.00	Linear Foot	13.35	130,189.20
7	Oil Infrastructure Access Canal Dredging	2,960.00	Linear Foot	44.55	131,868.00
8	Canal Closures	0	Each	18,750.00	0.00
9	Sand Fencing	0.00	Linear Foot	7.75	0.00
10	Settlement Plates	4	Each	1,885.00	7,540.00
11	Signs	5	Each	1,645.00	8,225.00
12	Pre-Construction Survey	100%	Job	74,200.00	74,200.00
13	As-Built Survey	0	Job	24,440.00	0.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
15	Mod. No. 0003	1	Job	32,993.62	32,993.62
	Total Earned To Date				$1,706,702.82
	Less Previous Payments				527,032.40
	Amount Due This Invoice				$1,179,670.42

I hereby certify, to the best of my knowledge and belief, that;
(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Charles W. Granger
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2521

Gary W. Johnson
Project Manager - Hydraulic Group

1-Jul-2006

DCA DSMP
Certificate # C-003-1

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**	Period Starting: 1-Jun-2006
CONTRACTOR: **Weeks Marine, Inc.**	Period Ending: 30-Jun-2006

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	60.00000%	0.00000%	**60.00000%**	997,800.00
	Performance and Payment Bonds	1	85,000.00	85,000.00	0.00000%	100.00000%	**100.00000%**	85,000.00
2	Island Breach Closure	1	165,000.00	165,000.00	0.00000%	0.00000%	**0.00000%**	0.00
	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	0.00000%	0.00000%	**0.00000%**	0.00
	Marsh Fill	950,200	3.05	2,898,110.00	0.00000%	0.00000%	**0.00000%**	0.00
	Primary Dikes	20,294	13.35	270,924.90	13.333002%	34.72061%	**48.05361%**	130,189.20
	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	100.00000%	0.00000%	**100.00000%**	131,868.00
	Canal Closures	3	18,750.00	56,250.00	0.00000%	0.00000%	**0.00000%**	0.00
	Sand Fencing	27,390	7.75	212,272.50	0.00000%	0.00000%	**0.00000%**	0.00
	Settlement Plates	7	1,885.00	13,195.00	42.85714%	14.28570%	**57.14284%**	7,540.00
	Signs	5	1,645.00	8,225.00	100.00000%	0.00000%	**100.00000%**	8,225.00
	Pre-Construction Survey	1	74,200.00	74,200.00	0.00000%	100.00000%	**100.00000%**	74,200.00
	As-Built Survey	1	24,440.00	24,440.00	0.00000%	0.00000%	**0.00000%**	0.00
	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	0.00000%	100.00000%	**100.00000%**	238,887.00
	Mod. 0003 Re-establish Survey Monument	1	32,993.62	32,993.62	0.00000%	100.00000%	**100.00000%**	32,993.62
	Totals			$15,821,076.02	7.45632%	3.12266%	10.57898%	$1,706,702.82

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

1 July 2006

Serial Letter No.: S-18

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Insurance Certification

Mr. Manthey:

This letter serves as certification that;

(a) Weeks Marine, Inc. (WMI) has, at its own expense, provided and shall maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the Contract.

(b) Before commencing work under this contract, WMI did notify the Contracting Officer in writing that the required insurance had been obtained. The policies evidencing required insurance contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) WMI shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. WMI shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

If you have any questions or if you require additional information please do not hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

1 July 2006

Serial Letter No.: S-19

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Record Drawing Certification

Mr. Manthey:

This letter serves as the Record Drawing Certification for the Chaland Headland Restoration Project. Currently Record Drawings for this project are being maintained at the onsite field office by the Project Engineers as soon as they are certified and received. Copies of Record Drawings are also kept at the CCT and WMI offices.

If you have any questions or comments or if you require additional information please do not hesitate to contact me.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

Cc: Contract File

DCA DSMP
Certificate # C-003-1

Primary Dike 4/06

CG 2-CG11	4405	
CG28-CG29	1272	
	5677	**Total**

Primary Dike 5/06

CG12 -CG23	6100	
Reach Between Rob Canal	-191	
West End	334	
	6243	**Total**

Primary Dike 6/06

CG23-CG28	3267	
CG2- West End	318	
West End	45	
CG11-CG12	512	
Reach Between Rob Canal	191	
	4333	**Total**

16253 Total Dike Constructed

Primary Dike 6/06

CG23-CG28	3267	
CG2- West End	318	
West End	45	
CG11-CG12	512	
Reach Between Rob Canal	191	
	4333	**Total 6/06**

16,253' Total Dike Constructed CG1-CG29 X 60% = 9,752'

Settlement Plates installed this period;

BA38-1	19+52	CG4	post-const	6/29/2006	13:00:00	3776278.90	298964.50	13.2
BA38-1	38+88	CG8	post-const	6/29/2006	13:30:00	3778266.70	299279.10	9.80
BA38-1	63+08	CG13	post-const:	5/15/2006	11:38:47	3780857.41	299810.67	11.5

Piles and Signs completed on 6-28-06

Num	x	y	Top of Pile	Location
1	3775118.00	299921.00	11.00	Sta 7+42
2	3780144.00	299518.00	11.00	Sta 57+20
3	3781897.00	299658.00	10.80	Sta 74+45
4	3783475.00	299081.00	11.00	Sta 91+00
5	3786781.00	297980.00	11.00	Sta 125+00

Final Survey Data 6-23-2006

X	y	EL	name
3775117.10	299695.30	5.40	westend
3775141.68	299879.88	8.14	westend
3775135.59	299958.91	7.21	westend
3775135.86	300014.88	6.39	westend
3775137.79	300045.42	6.70	westend
3775163.02	300085.03	9.14	westend
3778552.15	299601.95	4.76	cg1
3775433.50	300020.14	10.29	cg 2
3775675.44	300003.04	4.48	cg2a
3775913.32	299971.16	5.54	cg 3
3776152.69	299911.22	4.67	cg3a
3776386.33	299847.19	5.63	cg 4
3776620.44	299764.29	5.25	cg4a
3776851.11	299676.84	5.70	cg 5
3777093.82	299624.95	4.87	cg5a
3777334.39	299599.41	4.05	cg 6
3777572.03	299589.13	4.31	cg6a
3777810.93	299586.47	4.50	cg 7
3778055.69	299608.46	4.55	cg7a
3778313.62	299627.55	4.16	cg 8
3778552.12	299601.30	4.81	cg8a
3778796.10	299575.54	4.52	cg 9
3779035.46	299581.81	5.03	cg9a
3779279.50	299594.00	4.63	cg 10
3779526.94	299607.41	4.79	cg10a
3779772.34	299627.57	4.75	cg 11
3780204.92	299449.09	4.60	Closure CG11-CG12
3780068.24	299504.74	4.80	Closure CG11-CG12
3779995.47	299538.3	4.50	Closure CG11-CG12
3779987.73	299520.52	4.51	Closure CG11-CG12
3780193.45	299434.97	4.76	Closure CG11-CG12
3780127.69	299477.69	4.59	Closure CG11-CG12
3780116.81	299461.89	4.49	Closure CG11-CG12
3780058.4	299489.44	4.83	Closure CG11-CG12
3779035.49	299581.98	5.02	cg 12
3780235.26	299422.67	4.77	cg12
3780497.85	299594.58	4.82	cg12a
3780768.02	299798.26	5.29	cg13
3781012.76	299825.43	4.55	cg13a
3781141.33	299785.57	4.70	cg13b
3781251.13	299756.10	4.69	cg14
3781517.28	299728.15	5.68	cg14a
3781572.04	299738.07	4.61	cg14b
3781614.01	299738.34	5.21	cg14c
3781649.06	299724.70	5.52	cg14e
3781670.16	299703.93	4.64	cg14d
3781730.20	299672.83	5.25	cg15
3781868.01	299642.14	4.51	cg15a

3781966.16	299639.51	4.63	cg15b
3781997.26	299647.08	5.91	cg15c
3782010.23	299698.88	4.94	cg15d
3782078.95	299701.08	5.42	cg15e
3782216.65	299651.34	7.57	cg16
3782419.13	299593.25	4.92	cg16a
3782543.51	299624.04	4.76	cg16b
3782700.71	299628.76	5.59	cg17
3782925.51	299487.48	4.56	cg17a
3783142.75	299270.02	4.69	cg18
3783305.46	299019.32	4.85	cg18a
3783616.58	299164.08	6.96	Closure CG18-Cg19
3783613.89	299145.55	5.98	Closure CG18-Cg19
3783591.43	299137.33	6.06	Closure CG18-Cg19
3783598.65	299130.39	6.30	Closure CG18-Cg19
3783604.75	299118.15	4.60	Closure CG18-Cg19
3783548.03	299098.53	4.54	Closure CG18-Cg19
3783556.33	299090.45	5.38	Closure CG18-Cg19
3783561.91	299082.56	4.62	Closure CG18-Cg19
3783500.71	299060.59	4.40	Closure CG18-Cg19
3783505.99	299051.04	4.62	Closure CG18-Cg19
3783507.85	299043.01	4.53	Closure CG18-Cg19
3783451.52	299023.86	4.88	Closure CG18-Cg19
3783455.30	299017.32	4.23	Closure CG18-Cg19
3783458.53	299009.09	4.62	Closure CG18-Cg19
3783398.66	298988.89	5.09	Closure CG18-Cg19
3783404.84	298981.89	5.18	Closure CG18-Cg19
3783407.64	298971.15	4.74	Closure CG18-Cg19
3783366.59	298963.43	5.34	Closure CG18-Cg19
3783371.09	298949.78	4.98	Closure CG18-Cg19
3783373.66	298941.11	4.81	Closure CG18-Cg19
3783616.58	299164.08	6.96	cg19
3783885.70	299368.30	4.65	cm38
3784035.53	299400.26	4.85	cg20a
3784130.81	299385.54	4.46	cg20
3784372.12	299335.53	4.64	cm40
3784605.72	299281.55	4.84	cg21
3784843.17	299220.83	4.67	cm42
3785081.09	299171.42	4.67	cg22
3785319.43	299117.05	4.67	cm44
3785549.50	299062.69	4.97	cg23
3785792.58	298999.29	5.57	cm46
3786033.46	298950.30	4.90	cg24
3786259.82	298886.90	4.62	cm48
3786477.91	298644.68	4.94	cg25
3786638.78	298461.20	4.53	cg25a
3786754.26	298255.04	4.71	cg25b
3786743.41	298138.96	8.44	cg25c
3787368.37	297948.54	4.79	cg25d
3786717.83	298087.58	4.51	Closure CG25a-26
3786741.22	298057.93	4.64	Closure CG25a-26

3786727.49	298076.46	5.42	Closure CG25a-26
3786755.04	298032.69	4.78	Closure CG25a-26
3786747.55	298025.81	4.82	Closure CG25a-26
3786738.03	298023.32	4.98	Closure CG25a-26
3786732.27	298053.89	4.79	Closure CG25a-26
3786722.81	298049.25	4.57	Closure CG25a-26
3786788.86	297974.29	4.58	Closure CG25a-26
3786778.52	297971.19	4.53	Closure CG25a-26
3786769.50	297966.86	4.59	Closure CG25a-26
3786819.55	297927.83	4.38	Closure CG25a-26
3786814.38	297923.40	4.72	Closure CG25a-26
3786805.83	297915.10	4.64	Closure CG25a-26
3786859.00	297880.96	5.40	cg26
3786874.50	297879.39	6.40	tie in ridge a
3786968.53	297886.21	6.25	tie in ridge b
3787082.75	297890.53	4.78	tie in ridge c
3787131.11	297913.04	5.05	tie in ridge d
3787290.55	297945.63	6.07	tie in ridge e
3787339.07	297963.25	7.13	tie in ridge f
3787364.17	297958.97	4.79	tie in ridge g
3787625.24	298046.24	4.56	cg27
3787502.15	297997.53	4.59	cg27a
3787722.32	298092.74	5.37	cg27b
3787363.97	297969.86	4.77	cg28 d
3787905.32	298324.18	4.65	cg28
3787972.82	298430.21	4.68	cg28 a
3788017.59	298483.35	5.37	cg28 b
3788031.18	298499.93	5.44	cg28c
3788061.23	298487.26	5.51	cg28d
3788075.88	298456.16	5.21	cg28 e
3788090.72	298328.78	4.55	cg28 f
3788115.55	298204.49	4.87	cg28 g
3788151.93	298032.21	4.66	cg28 h
3788269.91	297939.80	4.56	cg28 j
3788308.74	297907.96	4.69	cg29
3788296.67	297811.08	4.14	cg29 a
3788281.18	297692.36	3.98	cg29 b
3788263.23	297581.84	3.06	cg29 c

Oil Access Canal

x	y	z
3783822.20	299493.30	-5.10
3783821.30	299487.10	-5.20
3783821.50	299480.80	-5.50
3783823.20	299475.00	-6.00
3783825.70	299469.80	-6.00
3783829.00	299464.50	-7.10
3783832.80	299459.20	-7.00
3783837.10	299453.80	-7.40
3783842.00	299448.30	-7.30
3783847.10	299442.80	-7.20
3783856.40	299433.80	-7.10
3783865.00	299426.80	-7.10
3783872.40	299420.90	-7.30
3783879.30	299416.10	-6.90
3783884.90	299412.70	-4.90
3783890.30	299410.20	-1.70
3784148.20	299432.40	-4.20
3784154.60	299434.70	-4.60
3784160.10	299438.50	-5.90
3784165.10	299446.20	-7.00
3784166.60	299452.10	-7.30
3784167.30	299458.70	-7.10
3784167.50	299465.60	-7.80
3784167.30	299473.30	-7.60
3784167.30	299481.90	-7.60
3784166.60	299490.70	-7.00
3784165.70	299499.70	-7.00
3784164.60	299509.00	-7.00
3784163.20	299518.20	-8.20
3784161.80	299525.40	-7.90
3784160.80	299531.20	-7.10
3784158.80	299545.60	-2.00
3784156.80	299560.00	-2.00
3784366.30	299378.00	-2.70
3784372.50	299377.00	-2.70
3784379.10	299378.40	-2.90
3784384.90	299382.10	-4.40
3784389.30	299387.80	-5.50
3784392.20	299395.50	-7.10
3784395.00	299404.90	-7.00
3784396.20	299410.20	-7.10
3784397.30	299415.70	-7.70
3784398.80	299421.60	-7.20
3784400.40	299427.80	-7.10
3784402.00	299434.20	-7.00
3784403.60	299440.80	-7.30
3784404.90	299447.70	-7.00
3784405.60	299454.30	-7.10
3784406.20	299460.50	-7.20

3784406.60	299466.20	-6.50
3784406.70	299471.30	-6.00
3784407.00	299480.80	-2.00
3784616.10	299318.60	-3.80
3784622.20	299318.80	-3.80
3784628.20	299320.90	-4.10
3784633.40	299324.50	-5.70
3784638.40	299332.30	-6.90
3784639.40	299338.00	-7.40
3784639.00	299344.00	-7.00
3784638.30	299350.70	-7.30
3784637.70	299358.30	-7.10
3784637.20	299366.90	-7.50
3784636.90	299376.20	-7.60
3784636.50	299385.70	-7.20
3784636.30	299395.60	-7.10
3784636.40	299400.60	-7.20
3784636.70	299405.80	-7.10
3784636.90	299410.90	-6.70
3784637.70	299420.20	-5.70
3784638.30	299426.80	-1.60
3784852.30	299262.10	-1.80
3784853.80	299268.10	-4.70
3784855.30	299274.40	-6.30
3784858.70	299282.10	-7.20
3784864.80	299289.10	-7.30
3784872.80	299292.50	-7.90
3784877.50	299300.00	-7.20
3784876.70	299305.70	-7.70
3784875.70	299312.70	-7.00
3784875.60	299320.70	-7.20
3784876.50	299329.30	-7.40
3784879.50	299338.30	-7.60
3784882.70	299348.10	-7.10
3784884.80	299357.50	-7.00
3784886.00	299365.70	-3.30
3784886.60	299372.70	-0.60
3785092.40	299217.00	-4.70
3785101.30	299219.70	-5.50
3785109.30	299225.80	-7.70
3785112.90	299234.60	-7.30
3785112.50	299243.60	-7.60
3785110.30	299253.60	-7.80
3785108.90	299258.60	-8.00
3785108.20	299263.90	-8.10
3785108.30	299269.40	-8.10
3785109.40	299275.40	-7.90
3785110.80	299281.70	-7.70
3785112.30	299288.40	-7.20
3785113.80	299295.10	-7.40
3785115.10	299301.20	-6.60

3785116.10	299306.70	-5.40
3785384.30	299245.00	-6.70
3785382.50	299237.40	-7.10
3785380.50	299228.70	-7.10
3785379.40	299223.80	-7.10
3785378.20	299218.70	-7.10
3785376.80	299212.90	-7.10
3785375.40	299206.80	-7.00
3785374.00	299201.20	-7.10
3785372.80	299195.70	-7.30
3785370.60	299186.60	-7.30
3785369.10	299180.10	-7.40
3785367.80	299174.40	-7.50
3785366.50	299168.90	-7.90
3785364.70	299161.50	-7.10
3785363.80	299157.60	-4.60
3785363.20	299154.90	-4.30
3785362.80	299153.10	-2.80
3785561.20	299105.20	-2.80
3785566.90	299105.80	-4.40
3785572.40	299107.20	-6.60
3785577.80	299110.20	-7.00
3785583.70	299116.60	-7.20
3785585.80	299121.80	-7.50
3785585.90	299127.90	-7.40
3785584.30	299135.00	-7.30
3785582.10	299145.20	-7.30
3785581.60	299151.10	-7.40
3785581.30	299157.10	-7.30
3785581.20	299163.60	-7.50
3785581.40	299169.70	-7.50
3785581.60	299175.10	-7.60
3785581.90	299180.10	-7.60
3785582.50	299189.10	-7.50
3785582.50	299197.10	-6.70
3785803.50	299053.00	-3.60
3785811.60	299055.50	-6.00
3785817.80	299061.10	-7.40
3785821.10	299068.50	-6.90
3785821.90	299076.40	-7.30
3785821.40	299084.80	-7.70
3785821.50	299094.50	-7.60
3785822.20	299100.00	-7.60
3785823.20	299105.80	-7.70
3785824.30	299111.60	-7.80
3785825.30	299117.20	-7.60
3785827.00	299126.70	-7.30
3785828.50	299135.30	-7.20
3785829.50	299142.60	-6.60
3786039.70	298995.80	-2.30
3786048.20	298999.90	-5.10

3786054.10	299004.60	-7.80
3786057.40	299012.00	-7.50
3786058.30	299019.90	-7.50
3786057.80	299028.40	-7.30
3786057.90	299038.00	-7.40
3786058.50	299043.50	-7.50
3786059.60	299049.30	-7.30
3786060.60	299055.10	-7.20
3786061.60	299060.70	-7.00
3786063.40	299070.20	-7.00
3786064.80	299078.80	-6.40
3786065.90	299086.10	-6.10
3786258.10	298937.30	-0.90
3786271.50	298938.50	-3.70
3786277.00	298940.60	-4.20
3786282.20	298944.10	-7.00
3786287.40	298951.10	-7.50
3786289.00	298956.50	-7.50
3786288.30	298962.50	-7.40
3786285.80	298969.50	-7.50
3786282.40	298979.40	-7.60
3786281.20	298985.20	-8.00
3786280.20	298991.10	-7.90
3786279.30	298997.60	-7.80
3786278.80	299003.60	-8.10
3786278.30	299009.00	-7.30
3786278.00	299014.10	-7.60
3786277.60	299023.10	-6.10
3786276.70	299031.10	-5.70
3786401.70	298788.20	-0.70
3786404.10	298789.70	-4.30
3786406.40	298791.00	-4.20
3786410.00	298793.10	-6.80
3786416.60	298796.80	-6.90
3786421.60	298799.40	-7.30
3786426.70	298802.30	-7.50
3786432.40	298805.70	-7.60
3786440.50	298810.30	-7.40
3786445.40	298813.10	-7.80
3786450.40	298816.00	-7.70
3786455.90	298819.10	-7.60
3786461.00	298822.10	-7.50
3786465.50	298824.80	-7.40
3786469.90	298827.30	-7.40
3786477.60	298831.70	-5.90
3786483.90	298835.10	-5.50
3786472.10	298664.20	-1.70
3786474.90	298665.70	-4.50
3786477.30	298666.90	-5.00
3786480.80	298669.00	-7.80
3786487.40	298672.80	-8.30

3786491.90	298676.20	-8.30
3786496.80	298679.40	-8.20
3786502.60	298682.60	-8.30
3786510.50	298687.70	-8.40
3786515.30	298690.60	-8.80
3786520.00	298694.00	-8.70
3786524.90	298698.20	-8.60
3786529.30	298702.30	-8.90
3786533.60	298705.50	-8.10
3786537.60	298708.40	-8.40
3786544.70	298713.90	-6.90
3786550.40	298719.70	-6.50

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

September 11, 2006 SOU57131:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***

Payment No. 006
Payment Period: 07/01/06 thru 08/31/06
Date Invoice Received: 09/11/06

Project: **Dredging for the Construction of Chaland Headland Restoration Project**

	Contract Award	$15,549,195.40
	Net Change by Modifications	$271,880.62
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		**$15,821,076.02**

	Held Previous Payment	$117,967.00
	Held This Payment	$0.00
	Released This Payment	$0.00
RETAINAGE BALANCE		**$117,967.00**

	Total Earned	$3,771,674.22
	Total Amount Previously Paid	$1,706,702.82
	Invoiced Amount	$2,064,971.40
	Retainage Withheld	$0.00
CURRENT INVOICE APPROVAL		**$2,064,971.40**

	Total Contract Amount	$15,821,076.02
	Total Previous Payments	$1,706,702.82
	Total Current Invoice Approved	$2,064,971.40
	Retainage Released This Payment	$0.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$12,049,401.80
	Retainage Balance	$117,967.00
		$12,167,368.80

PAY THIS AMOUNT	Current Invoice Due	$2,064,971.40
	Retainage Released	$0.00
	Total Due This Payment	**$2,064,971.40**

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 9/11/06

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

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September 11, 2006

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279

Contractor: ***Weeks Marine, Inc.***

Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 3013000300000 000 2RL6RRS P00 2527	1406 3013000300000 000 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00
Pay No. 1	$ (85,000.00)	$ -
Mod No. 2		$ 238,887.00
Pay No. 2	$ (21,518.00)	$ (238,887.00)
Mod No. 3		$ 32,993.62
Pay No. 3	$ (47,355.10)	($32,993.62)
Pay No. 4	$ (101,278.68)	
Mod No. 4	$ -	
Pay No. 5	$ (1,061,703.42)	
Pay No. 5 (Retainage Withheld)	$ (117,967.00)	
Pay No. 6	**$ (2,064,971.40)**	
BALANCES	**$12,049,401.80**	**$0.00**

Retainages	**1405 3013000300000000 2RL6RRS P00 2509**
Pay 005, Retainage	$117,967.00
Retainage BALANCE	**$117,967.00**

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

31 August 2006

Serial Letter No.: S-17

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Payment Estimate #06

Mr. Manthey:

Enclosed please find Payment Estimate #06, Partial, for the Chaland Headland project. This invoice is for pay period July 1, 2006 thru August 31, 2006.

If you have any questions or need additional information please don't hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager

Enclosure(s)

Cc: Contract File

2006 SEP 11 PM 12 35

DCA DSMP
Certificate # C-003-1

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

31-Aug-2006

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
July 1, 2006 thru August 31, 2006

CONTRACT DESCRIPTION:
Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO. WC133F-05-CN-1279

WMI JOB NO.: 12050258

PAY ESTIMATE: Six (6)

INVOICE NO.: 60374

LOCATION OF WORK: Plaquemines Parish, Louisiana

WEEKS MARINE TAXPAYER IDENTIFICATION NO.:
13-5475810

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	60%	Lump Sum	$1,663,000.00	$997,800.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	0%	Lump Sum	165,000.00	0.00
4	Dune & Beach Fill	371,048	Cubic Yard	5.55	2,059,316.40
5	Marsh Fill	0	Cubic Yard	3.05	0.00
6	Primary Dikes	9,752.00	Linear Foot	13.35	130,189.20
7	Oil Infrastructure Access Canal Dredging	2,960.00	Linear Foot	44.55	131,868.00
8	Canal Closures	0	Each	18,750.00	0.00
9	Sand Fencing	0.00	Linear Foot	7.75	0.00
10	Settlement Plates	7	Each	1,885.00	13,195.00
11	Signs	5	Each	1,645.00	8,225.00
12	Pre-Construction Survey	100%	Job	74,200.00	74,200.00
13	As-Built Survey	0	Job	24,440.00	0.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
15	Mod. No. 0003	1	Job	32,993.62	32,993.62
	Total Earned To Date				$3,771,674.22
	Less Previous Payments				1,706,702.82
	Amount Due This Invoice				$2,064,971.40

I hereby certify, to the best of my knowledge and belief, that;

(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Charles W. Granger
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2521

Gary W. Johnson
Project Manager - Hydraulic Group

31-Aug-2006

DCA DSMP
Certificate # C-003-1

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**	Period Starting: 1-Jul-2006
CONTRACTOR: **Weeks Marine, Inc.**	Period Ending: 31-Aug-2006

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	0.00000%	60.00000%	60.00000%	997,800.00
	Performance and Payment Bonds	1	85,000.00	85,000.00	0.00000%	100.00000%	100.00000%	85,000.00
2	Island Breach Closure	1	165,000.00	165,000.00	0.00000%	0.00000%	0.00000%	0.00
	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	20.70349290%	0.00000%	20.70349%	2,059,316.40
	Marsh Fill	950,200	3.05	2,898,110.00	0.00000%	0.00000%	0.00000%	0.00
	Primary Dikes	20,294	13.35	270,924.90	0.000000%	48.053611%	48.053611%	130,189.20
	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	0.00000%	100.00000%	100.00000%	131,868.00
	Canal Closures	3	18,750.00	56,250.00	0.00000%	0.00000%	0.00000%	0.00
	Sand Fencing	27,390	7.75	212,272.50	0.00000%	0.00000%	0.00000%	0.00
	Settlement Plates	7	1,885.00	13,195.00	42.85716%	57.14284%	100.00000%	13,195.00
	Signs	5	1,645.00	8,225.00	0.00000%	100.00000%	100.00000%	8,225.00
	Pre-Construction Survey	1	74,200.00	74,200.00	0.00000%	100.00000%	100.00000%	74,200.00
	As-Built Survey	1	24,440.00	24,440.00	0.00000%	0.00000%	0.00000%	0.00
	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	0.00000%	100.00000%	100.00000%	238,887.00
	Mod. 0003 Re-establish Survey Monument	1	32,993.62	32,993.62	0.00000%	100.00000%	100.00000%	32,993.62
	Totals			$15,821,076.02	13.05203%	10.57898%	23.63101%	$3,771,674.22

Chaland Headland Restoration Project (BA-38-2)

Volume Summary

From Profile	To Profile	Effective Distance (ft)	Pay Volume Requested (cy)	Recommended Pay Volume (cy)	Difference between Requested & recommended
5+00	8+00	300.0	9,922.2	9,922	0
8+00	9+00	100.0	6,855.9	6,650	206
9+00	9+84	84.0	6,096.2	5,850	246
9+84	11+00	116.0	8,025.7	8,026	0
11+00	12+26	126.0	9,299.7	9,300	0
12+26	13+00	74.0	6,593.0	6,573	20
13+00	14+00	100.0	8,498.7	8,499	0
14+00	14+68	68.0	6,621.2	6,621	0
14+68	16+00	132.0	15,890.1	15,890	0
16+00	17+00	100.0	12,831.3	12,785	46
17+00	18+00	100.0	13,482.4	13,331	152
18+00	19+00	100.0	13,179.8	12,963	217
19+00	19+52	51.9	6,835.4	6,758	78
19+52	21+00	148.1	19,996.2	19,856	140
21+00	22+00	100.0	13,484.3	13,433	52
22+00	23+00	100.0	13,175.7	13,126	50
23+00	24+36	135.9	17,546.7	17,365	182
24+36	25+00	64.1	8,097.6	7,999	98
25+00	26+00	100.0	11,941.5	11,934	8
26+00	27+00	100.0	11,399.1	11,393	6
27+00	28+00	100.0	11,540.0	11,438	102
28+00	29+20	119.8	13,856.4	13,689	167
29+20	30+00	80.2	9,017.2	8,987	30
30+00	31+00	100.0	11,278.1	11,278	0
31+00	32+00	100.0	11,707.2	11,707	0
32+00	33+00	100.0	12,175.0	12,175	0
33+00	34+04	103.8	13,396.2	13,396	0
34+04	35+00	96.2	13,574.2	13,574	0
35+00	36+00	100.0	14,595.9	14,385	211
36+00	37+00	100.0	14,334.3	14,334	0
37+00	38+00	100.0	14,771.1	14,736	36
38+00	38+88	87.7	13,218.2	13,076	143
AUGUST TOTAL		3,387.7	373,237	371,048	2189

			SETTELMENT PLATES LOCATIONS					8/31/2006
				X,Y,Z				Date placed
SETTLEMENT PLATE CG 4 (STA. 19+52)								5/31/2006
X	3776278.9							
Y	298964.5							
Z	13.2							
SETTLEMENT PLATE CG 8 (STA. 38+88)								6/10/2006
X	3778266.7							
Y	299279.1							
Z	9.8							
SETTLEMENT PLATE CG 13 (STA. 63+08)								7/8/2006
X	3780857							
Y	299810							
Z	11.5							
SETTLEMENT PLATE CG 16 (STA. 77+60)								8/4/2006
X	3782152							
Y	299150							
Z	8.3							
SETTLEMENT PLATE CG 20 (STA. 96+96)								8/4/2006
X	3784021							
Y	298511							
Z	7.5							
SETTLEMENT PLATE CG 24 (STA. 116+32)								8/16/2006
X	3785851							
Y	297525							
Z	12.27							
SETTLEMENT PLATE CG 28 (STA. 135+68)								5/10/2006
X	3787902							
Y	298324							
Z	9.9							

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

31 August 2006

Serial Letter No.: S-20

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Grade Stakes, Task No. 35.5

Mr. Manthey:

Please consider this letter as our certification for the removal of all grade stakes used for the Beach/Dune construction from Station 5+00 thru Station 38+88. A search was conducted with a metal detector to assure that all stakes were found and removed.

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager
Hydraulic Group

Enclosure(s)

Cc: Contract File
Gordon Thomson, Coastal Planning and Engineering

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

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U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

31 August 2006

Serial Letter No.: S-18

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Insurance Certification

Mr. Manthey:

This letter serves as certification that;

(a) Weeks Marine, Inc. (WMI) has, at its own expense, provided and shall maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the Contract.

(b) Before commencing work under this contract, WMI did notify the Contracting Officer in writing that the required insurance had been obtained. The policies evidencing required insurance contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) WMI shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. WMI shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

If you have any questions or if you require additional information please do not hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

31 August 2006

Serial Letter No.: S-19

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Record Drawing Certification

Mr. Manthey:

This letter serves as the Record Drawing Certification for the Chaland Headland Restoration Project. Currently Record Drawings for this project are being maintained at the onsite field office by the Project Engineers as soon as they are certified and received. Copies of Record Drawings are also kept at the WMI office in Covington, LA..

If you have any questions or comments or if you require additional information please do not hesitate to contact me.

Regards,
WEEKS MARINE, INC.

Gary W Johnson

Gary W Johnson
Project Manager
Hydraulic Group

Cc: Contract File

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

November 6, 2006 SOU57131:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 007
Payment Period: 09/01/06 thru 09/30/06
Date Invoice Received: 10/23/06

	Contract Award	$15,549,195.40
	Net Change by Modifications	$271,880.62
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		**$15,821,076.02**

	Held Previous Payment	$117,967.00
	Held This Payment	$0.00
	Released This Payment	$0.00
RETAINAGE BALANCE		**$117,967.00**

	Total Earned	$7,286,565.67
	Total Amount Previously Paid	$3,771,674.22
	Invoiced Amount	$3,514,891.45
	Retainage Withheld	$0.00
CURRENT INVOICE APPROVAL		**$3,514,891.45**

	Total Contract Amount	$15,821,076.02
	Total Previous Payments	$3,771,674.22
	Total Current Invoice Approved	$3,514,891.45
	Retainage Released This Payment	$0.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$8,534,510.35
	Retainage Balance	$117,967.00
		$8,652,477.35

PAY THIS AMOUNT	Current Invoice Due	$3,514,891.45
	Retainage Released	$0.00
	Total Due This Payment	**$3,514,891.45**

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 11/06/06

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

==========

November 6, 2006

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 3013000300000 000 2RL6RRS P00 2527	1406 3013000300000 000 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00
Pay No. 1	$ (85,000.00)	$ -
Mod No. 2		$ 238,887.00
Pay No. 2	$ (21,518.00)	$ (238,887.00)
Mod No. 3		$ 32,993.62
Pay No. 3	$ (47,355.10)	($32,993.62)
Pay No. 4	$ (101,278.68)	
Mod No. 4	$ -	
Pay No. 5	$ (1,061,703.42)	
Pay No. 5 (Retainage Withheld)	$ (117,967.00)	
Pay No. 6	$ (2,064,971.40)	
Pay No. 7	**$ (3,514,891.45)**	
BALANCES	**$8,534,510.35**	**$0.00**

Retainages	**1405 3013000300000000 2RL6RRS P00 2509**
Pay 005, Retainage	$117,967.00
Retainage BALANCE	**$117,967.00**

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756

Kansas City, Missouri 64106

17 October 2006

Serial Letter No.: S-30

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Payment Estimate #07

Mr. Manthey:

Enclosed please find Payment Estimate #07, Partial, for the Chaland Headland project. This invoice is for pay period September 1, 2006 thru September 30, 2006.

If you have any questions or need additional information please don't hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager

Enclosure(s)

Cc: Contract File

DCA DSMP
Certificate # C-003-1

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

12-Oct-2006

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
September 1, 2006 thru September 30, 2006

CONTRACT DESCRIPTION:
Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO. WC133F-05-CN-1279

WMI JOB NO.: 12050258

PAY ESTIMATE: Seven (7)

INVOICE NO.: 60618

WEEKS MARINE TAXPAYER IDENTIFICATION NO.:
13-5475810

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	60%	Lump Sum	$1,663,000.00	$997,800.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	100%	Lump Sum	165,000.00	165,000.00
4	Dune & Beach Fill	845,673	Cubic Yard	5.55	4,693,485.15
5	Marsh Fill	225,724	Cubic Yard	3.05	688,458.20
6	Primary Dikes	9,752.00	Linear Foot	13.35	130,189.20
7	Oil Infrastructure Access Canal Dredging	2,960.00	Linear Foot	44.55	131,868.00
8	Canal Closures	0	Each	18,750.00	0.00
9	Sand Fencing	3,518.00	Linear Foot	7.75	27,264.50
10	Settlement Plates	7	Each	1,885.00	13,195.00
11	Signs	5	Each	1,645.00	8,225.00
12	Pre-Construction Survey	100%	Job	74,200.00	74,200.00
13	As-Built Survey	0	Job	24,440.00	0.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
15	Mod. No. 0003	1	Job	32,993.62	32,993.62
	Total Earned To Date				$7,286,565.67
	Less Previous Payments				3,771,674.22
	Amount Due This Invoice				$3,514,891.45

I hereby certify, to the best of my knowledge and belief, that;
(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Charles W. Granger
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2521

Gary W. Johnson
Project Manager - Hydraulic Group

12-Oct-2006

DCA DSMP
Certificate # C-003-1

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**	Period Starting: 1-Sep-2006
CONTRACTOR: **Weeks Marine, Inc.**	Period Ending: 30-Sep-2006

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	0.00000%	60.00000%	60.00000%	997,800.00
	Performance and Payment Bonds	1	85,000.00	85,000.00	0.00000%	100.00000%	100.00000%	85,000.00
2	Island Breach Closure	1	165,000.00	165,000.00	100.00000%	0.00000%	100.00000%	165,000.00
	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	26.482814%	20.70349%	47.18631%	4,693,485.15
	Marsh Fill	950,200	3.05	2,898,110.00	23.7554199%	0.00000%	23.7554199%	688,458.20
	Primary Dikes	20,294	13.35	270,924.90	0.000000%	48.053611%	48.053611%	130,189.20
	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	0.00000%	100.00000%	100.00000%	131,868.00
	Canal Closures	3	18,750.00	56,250.00	0.00000%	0.00000%	0.00000%	0.00
	Sand Fencing	27,390	7.75	212,272.50	12.8441037%	0.00000%	12.8441037%	27,264.50
	Settlement Plates	7	1,885.00	13,195.00	0.00000%	100.00000%	100.00000%	13,195.00
	Signs	5	1,645.00	8,225.00	0.00000%	100.00000%	100.00000%	8,225.00
	Pre-Construction Survey	1	74,200.00	74,200.00	0.00000%	100.00000%	100.00000%	74,200.00
	As-Built Survey	1	24,440.00	24,440.00	0.00000%	0.00000%	0.00000%	0.00
	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	0.00000%	100.00000%	100.00000%	238,887.00
	Mod. 0003 Re-establish Survey Monument	1	32,993.62	32,993.62	0.00000%	100.00000%	100.00000%	32,993.62
	Totals			$15,821,076.02	22.21651%	23.63101%	45.84753%	$7,286,565.67

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

17 October 2006

Serial Letter No.: S-29

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Record Drawing Certification

Mr. Manthey:

This letter serves as the Record Drawing Certification for the Chaland Headland Restoration Project. Currently Record Drawings for this project are being maintained at the onsite field office by the Project Engineers as soon as they are certified and received. Copies of Record Drawings are also kept at the WMI office in Covington, LA..

If you have any questions or comments or if you require additional information please do not hesitate to contact me.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

Cc: Contract File

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

17 October 2006

Serial Letter No.: S-28

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Insurance Certification

Mr. Manthey:

This letter serves as certification that;

(a) Weeks Marine, Inc. (WMI) has, at its own expense, provided and shall maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the Contract.

(b) Before commencing work under this contract, WMI did notify the Contracting Officer in writing that the required insurance had been obtained. The policies evidencing required insurance contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) WMI shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. WMI shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

If you have any questions or if you require additional information please do not hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W Johnson

Gary W Johnson
Project Manager
Hydraulic Group

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

17 October 2006

Serial Letter No.: S-27

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Grade Stakes, Task No. 35.5

Mr. Manthey:

Please consider this letter as our certification for the removal of all grade stakes used for the Beach/Dune construction from Station 38+88 thru Station 67+91. A search was conducted with a metal detector to assure that all stakes were found and removed.

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager
Hydraulic Group

Enclosure(s)

Cc: Contract File
Gordon Thomson, Coastal Planning and Engineering

DCA DSMP
Certificate # C-003-1

Sept Fence Installation 10-17-06

North fence xy's 10-11-06		Length
3775935.76	299045.99	510ft.
3776441.85	298983.35	
3776411.95	298983.65	450ft.
3776857.73	298925.27	
3776828.42	298932.32	450ft.
3777274.43	298872.46	
3777244.25	298873.31	264ft.
3777505.26	298836.61	
3777660.66	298818.82	450ft.
3778105.92	298751.78	
	Total	2124ft.

South fence xy's 10-11-06		Length
3776243.11	298927.93	494ft.
3776733.09	298864.98	
3776703.3	298865.51	450ft.
3777149.31	298805.1	
3777535.89	298752.86	450ft.
3777981.07	298687.44	
	Total	1394ft.
		2124ft.
	Grand total for Sep.06	3518ft.

Chaland Headland Restoration Project (BA-38-2)

Beach Fill Volume Summary

From Profile	To Profile	Effective Distance (ft)	WMI Pay Volume Requested (cy)	Recommended Pay Volume (cy)	Difference between Requested & Recommended
38+88	40+00	112.3	17,209	17,209	0
40+00	41+00	100.0	16,306	16,306	0
41+00	42+00	100.0	17,837	17,837	0
42+00	43+00	100.0	18,401	18,401	0
43+00	43+72	71.7	14,521	14,521	0
43+72	45+00	128.3	31,174	31,174	0
45+00	46+00	100.0	21,801	21,801	0
46+00	47+00	100.0	21,097	21,097	0
47+00	48+00	100.0	23,946	23,946	0
48+00	48+56	55.7	12,715	12,715	0
48+56	50+00	144.3	30,759	30,759	0
50+00	51+00	100.0	18,611	18,611	0
51+00	52+00	100.0	16,494	16,494	0
52+00	53+40	139.6	21,512	21,512	0
53+40	54+00	60.4	9,277	9,277	0
54+00	55+00	100.0	15,024	15,024	0
55+00	56+00	100.0	13,359	13,359	0
56+00	57+00	100.0	11,986	11,986	0
57+00	58+23	123.6	15,138	15,138	0
58+23	59+00	76.4	9,866	9,866	0
59+00	60+00	100.0	13,545	13,545	0
60+00	61+00	100.0	14,431	14,431	0
61+00	62+00	100.0	14,360	14,360	0
62+00	63+08	107.5	15,313	15,313	0
63+08	64+00	92.5	12,818	12,818	0
64+00	65+00	100.0	12,521	12,521	0
65+00	66+00	100.0	11,799	11,799	0
66+00	67+00	100.0	11,951	11,951	0
67+00	67+91	91.5	10,852	10,852	0
SEPTEMBER TOTAL		2,903.8	474,625	474,625	0

MARSH FILL VOLUME

CHALAND										
W.M.I. Job# 12050258										
Grand Isle, LA.										
					Design	Cumulative				Cumulative
		Design	Avg.	Design	Cubic yards	Design	Filled	Avg. Filled	Pay	Pay
Station	Distance	Area of Fill	Design Area	Volume	per foot	Volume	Area	Area	Volume	Volume
				0.0		0.0		0.0	0.0	0.0
7+42		435								
	242		479.3	4,295.9	17.8	4,295.9		479.3	4,295.9	4,295.9
9+84		523.6								
	242		723.0	6,479.8	26.8	10,775.7		723.0	6,479.8	10,775.7
12+26		922.3								
	242		1,082.9	9,705.5	40.1	20,481.3		1,082.9	9,705.5	20,481.3
14+68		1243.4								
	242		1,158.4	10,382.2	42.9	30,863.5		1,158.4	10,382.2	30,863.5
17+10		1073.3								
	242		1,068.6	9,577.8	39.6	40,441.3		1,068.6	9,577.8	40,441.3
19+52		1,063.9								
	242		1,108.5	9,935.0	41.1	50,376.3		1,108.5	9,935.0	50,376.3
21+94		1,153.0								
	242		1,127.1	10,102.2	41.7	60,478.5		1,127.1	10,102.2	60,478.5
24+36		1,101.2								
	242		1,000.8	8,969.7	37.1	69,448.2		1,000.8	8,969.7	69,448.2
26+78		900.3								
	242		1,052.7	9,435.3	39.0	78,883.5		1,052.7	9,435.3	78,883.5
29+20		1,205.1								
	242		1,110.0	9,948.9	41.1	88,832.4		1,110.0	9,948.9	88,832.4
31+62		1,014.9								
	242		986.5	8,842.0	36.5	97,674.3		986.5	8,842.0	97,674.3
34+04		958.1								
	242		1,232.5	11,046.4	45.6	108,720.7		1,232.5	11,046.4	108,720.7
36+46		1,506.8								
	242		1,589.6	14,247.1	58.9	122,967.8		1,589.6	14,247.1	122,967.8
38+88		1,672.3								
	242		1,674.9	15,011.6	62.0	137,979.4		1,674.9	15,011.6	137,979.4
41+30		1,677.4								
	242		2,147.3	19,245.7	79.5	157,225.2		2,147.3	19,245.7	157,225.2
/2		2,617.1								
	242		2,183.1	19,567.0	80.9	176,792.2		2,183.1	19,567.0	176,792.2
46+14		1,749.1								
	242		1,840.4	16,495.0	68.2	193,287.2		1,837.1	16,465.4	193,257.8
48+56		1,931.6								
	242		2,122.3	19,021.6	78.6	212,308.8		2,119.0	18,992.1	212,249.7
50+98		2,312.9								
	242		2,217.4	19,874.5	82.1	232,183.3		2,217.4	19,874.5	232,124.2
53+40		2,121.9								− 6400

TOTAL 225,724

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

November 14, 2006 SOU57131:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 008
Payment Period: 10/01/06 thru 010/31/06
Date Invoice Received: 11/09/06

	Contract Award	$15,549,195.40
	Net Change by Modifications	$271,880.62
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		**$15,821,076.02**

	Held Previous Payment	$117,967.00
	Held This Payment	$0.00
	Released This Payment	$0.00
RETAINAGE BALANCE		**$117,967.00**

	Total Earned	$9,298,368.37
	Total Amount Previously Paid	$7,286,565.67
	Invoiced Amount	$2,011,802.70
	Retainage Withheld	$0.00
CURRENT INVOICE APPROVAL		**$2,011,802.70**

	Total Contract Amount	$15,821,076.02
	Total Previous Payments	$7,286,565.67
	Total Current Invoice Approved	$2,011,802.70
	Retainage Released This Payment	$0.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$6,522,707.65
	Retainage Balance	$117,967.00
		$6,640,674.65

PAY THIS AMOUNT	Current Invoice Due	$2,011,802.70
	Retainage Released	$0.00
	Total Due This Payment	**$2,011,802.70**

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 11/14/06

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

==========

November 14, 2006

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 3013000300000 000 2RL6RRS P00 2527	1406 3013000300000 000 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00
Pay No. 1	$ (85,000.00)	$ -
Mod No. 2		$ 238,887.00
Pay No. 2	$ (21,518.00)	$ (238,887.00)
Mod No. 3		$ 32,993.62
Pay No. 3	$ (47,355.10)	($32,993.62)
Pay No. 4	$ (101,278.68)	
Mod No. 4	$ -	
Pay No. 5	$ (1,061,703.42)	
Pay No. 5 (Retainage Withheld)	$ (117,967.00)	
Pay No. 6	$ (2,064,971.40)	
Pay No. 7	$ (3,514,891.45)	
Pay No. 8	**$ (2,011,802.70)**	
BALANCES	**$6,522,707.65**	**$0.00**

Retainages	**1405 3013000300000000 2RL6RRS P00 2509**
Pay 005, Retainage	$117,967.00
Retainage BALANCE	**$117,967.00**

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756

Kansas City, Missouri 64106

7 November 2006

Serial Letter No.: S-35

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Payment Estimate #08

Mr. Manthey:

Enclosed please find Payment Estimate #08, Partial, for the Chaland Headland project. This invoice is for pay period October 1, 2006 thru October 31, 2006.

If you have any questions or need additional information please don't hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager

Enclosure(s)

Cc: Contract File

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

7-Nov-2006

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
October 1, 2006 thru October 31, 2006

CONTRACT DESCRIPTION:
Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO WC133F-05-CN-1279

WMI JOB NO.: 12050258

PAY ESTIMATE: Eight (8)

INVOICE NO.: 60683

WEEKS MARINE TAXPAYER IDENTIFICATION NO.:
13-5475810

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	60%	Lump Sum	$1,663,000.00	$997,800.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	100%	Lump Sum	165,000.00	165,000.00
4	Dune & Beach Fill	1,199,392	Cubic Yard	5.55	6,656,625.60
5	Marsh Fill	225,724	Cubic Yard	3.05	688,458.20
6	Primary Dikes	9,752.00	Linear Foot	13.35	130,189.20
7	Oil Infrastructure Access Canal Dredging	2,960.00	Linear Foot	44.55	131,868.00
8	Canal Closures	0	Each	18,750.00	0.00
9	Sand Fencing	9,797.00	Linear Foot	7.75	75,926.75
10	Settlement Plates	7	Each	1,885.00	13,195.00
11	Signs	5	Each	1,645.00	8,225.00
12	Pre-Construction Survey	100%	Job	74,200.00	74,200.00
13	As-Built Survey	0	Job	24,440.00	0.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
15	Mod. No. 0003	1	Job	32,993.62	32,993.62
	Total Earned To Date				$9,298,368.37
	Less Previous Retainage				$117,967.00
	Less Previous Payments				7,168,598.67
	Amount Due This Invoice				$2,011,802.70

I hereby certify, to the best of my knowledge and belief, that;

(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Charles W. Granger
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2521

Gary W. Johnson
Project Manager - Hydraulic Group

7-Nov-2006

DCA DSMP
Certificate # C-003-1

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**		Period Starting:	1-Oct-2006
CONTRACTOR: **Weeks Marine, Inc.**		Period Ending:	31-Oct-2006

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	0.00000%	60.00000%	60.00000%	997,800.00
	Performance and Payment Bonds	1	85,000.00	85,000.00	0.00000%	100.00000%	100.00000%	85,000.00
2	Island Breach Closure	1	165,000.00	165,000.00	0.00000%	100.00000%	100.00000%	165,000.00
	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	19.736578100%	47.18631000%	66.92288810%	6,656,625.60
	Marsh Fill	950,200	3.05	2,898,110.00	0.0000000%	23.75542%	23.7554199%	688,458.20
	Primary Dikes	20,294	13.35	270,924.90	0.000000%	48.053611%	48.053611%	130,189.20
	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	0.00000%	100.00000%	100.00000%	131,868.00
	Canal Closures	3	18,750.00	56,250.00	0.00000%	0.00000%	0.00000%	0.00
	Sand Fencing	27,390	7.75	212,272.50	22.9244250%	12.84410%	35.7685287%	75,926.75
	Settlement Plates	7	1,885.00	13,195.00	0.00000%	100.00000%	100.00000%	13,195.00
	Signs	5	1,645.00	8,225.00	0.00000%	100.00000%	100.00000%	8,225.00
	Pre-Construction Survey	1	74,200.00	74,200.00	0.00000%	100.00000%	100.00000%	74,200.00
	As-Built Survey	1	24,440.00	24,440.00	0.00000%	0.00000%	0.00000%	0.00
	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	0.00000%	100.00000%	100.00000%	238,887.00
	Mod. 0003 Re-establish Survey Monument	1	32,993.62	32,993.62	0.00000%	100.00000%	100.00000%	32,993.62
	Totals			$15,821,076.02	12.71596%	45.84753%	58.56349%	~~$7,286,565.67~~

9,298,368.37

$	997,800.00
$	85,000.00
$	165,000.00
$	6,656,625.60
$	688,458.20
$	130,189.20
$	131,868.00
$	-
$	75,926.75
$	13,195.00
$	8,225.00
$	74,200.00
$	-
$	238,887.00
$	32,993.62
$	9,298,368.37

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

7 November 2006

Serial Letter No.: S-33

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Insurance Certification

Mr. Manthey:

This letter serves as certification that;

(a) Weeks Marine, Inc. (WMI) has, at its own expense, provided and shall maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the Contract.

(b) Before commencing work under this contract, WMI did notify the Contracting Officer in writing that the required insurance had been obtained. The policies evidencing required insurance contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) WMI shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. WMI shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

If you have any questions or if you require additional information please do not hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W Johnson
Project Manager
Hydraulic Group

Cc: Contract File

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

7 November 2006

Serial Letter No.: S-34

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Record Drawing Certification

Mr. Manthey:

This letter serves as the Record Drawing Certification for the Chaland Headland Restoration Project. Currently Record Drawings for this project are being maintained at the onsite field office by the Project Engineers as soon as they are certified and received. Copies of Record Drawings are also kept at the WMI office in Covington, LA..

If you have any questions or comments or if you require additional information please do not hesitate to contact me.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

Cc: Contract File

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

8 November 2006

Serial Letter No.: S-36

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Grade Stakes, Task No. 35.5

Mr. Manthey:

Please consider this letter as our certification for the removal of all grade stakes used for the Beach/Dune construction from Station 67+91 thru Station 96+96. A search was conducted with a metal detector to assure that all stakes were found and removed.

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager
Hydraulic Group

Enclosure(s)

Cc: Contract File
Gordon Thomson, Coastal Planning and Engineering

DCA DSMP
Certificate # C-003-1

CHALAND
W.M.I. Job# 12050258
Grand Isle, LA.

11/2/06

Station	Distance	Design Area of Fill	Avg. Design Area	Design Volume	Design Cubic yards per foot	Cumulative Design Volume		Avg. Filled Area	Pay Volume	Cumulative Pay Volume	Pay Cubic yards per foot	Percent Filled This Station
5+00		0.000							0.0			
	300.0		1,145.2	12,724.4	42.4	12,724.4		893.0	9,922.2	9,922.2	33.1	0%
8+00		2290.4										
	100.0		2,422.2	8,970.9	89.7	21,695.4		1,851.1	6,855.9	16,778.1	68.6	76%
9+00		2553.9										
	84.0		2,583.2	8,036.5	95.7	29,731.8		1,959.5	6,096.2	22,874.4	72.6	76%
9+84		2612.4										
	116.0		2,520.6	10,829.2	93.4	40,561.1		1,868.1	8,025.7	30,900.1	69.2	74%
11+00		2428.8										
	126.0		2,663.4	12,429.2	98.6	52,990.3		1,992.8	9,299.7	40,199.8	73.8	75%
12+26		2,898.0										
	74.0		3,027.8	8,298.4	112.1	61,288.7		2,405.6	6,593.0	46,792.8	89.1	79%
13+00		3,157.6										
	100.0		2,841.2	10,522.8	105.2	71,811.5		2,294.7	8,498.7	55,291.5	85.0	81%
14+00		2,524.7										
	68.0		3,086.3	7,772.9	114.3	79,584.4		2,629.0	6,621.2	61,912.7	97.4	85%
14+68		3,647.9										
	132.0		3,656.9	17,878.2	135.4	97,462.6		3,255.2	15,914.3	77,827.0	120.6	89%
16+00		3,665.9										
	100.0		3,719.3	13,775.2	137.8	111,237.7		3,450.4	12,779.1	90,606.1	127.8	93%
17+00		3,772.7										
	100.0		3,734.3	13,830.6	138.3	125,068.3		3,584.9	13,277.2	103,883.3	132.8	96%
18+00		3,695.8										
	100.0		3,605.2	13,352.6	133.5	138,420.9		3,501.5	12,968.3	116,851.6	129.7	97%
19+00		3,514.6										
	51.9		3,586.1	6,893.3	132.8	145,314.2		3,517.9	6,762.2	123,613.8	130.3	98%
19+52		3,657.6										
	148.1		3,676.2	20,164.6	136.2	165,478.8		3,623.1	19,873.4	143,487.2	134.2	99%
)0		3,694.8										
	100.0		3,666.7	13,580.2	135.8	179,059.0		3,631.0	13,448.0	156,935.1	134.5	99%
22+00		3,638.5										
	100.0		3,597.9	13,325.4	133.3	192,384.4		3,545.9	13,133.0	170,068.1	131.3	99%
23+00		3,557.2										
	135.9		3,539.8	17,817.0	131.1	210,201.4		3,450.6	17,368.0	187,436.1	127.8	97%
24+36		3,522.4										
	64.1		3,495.3	8,298.1	129.5	218,499.5		3,370.0	8,000.6	195,436.8	124.8	96%
25+00		3,468.2										
	100.0		3,330.7	12,335.7	123.4	230,835.2		3,222.8	11,936.1	207,372.9	119.4	97%
26+00		3,193.1										
	100.0		3,155.9	11,688.5	116.9	242,523.7		3,081.0	11,410.9	218,783.8	114.1	98%
27+00		3,118.7										
	100.0		3,160.6	11,705.7	117.1	254,229.5		3,093.0	11,455.4	230,239.2	114.6	98%
28+00		3,202.4										
	119.8		3,164.9	14,042.6	117.2	268,272.0		3,088.1	13,701.8	243,941.0	114.4	98%
29+20		3,127.3										
	80.2		3,088.3	9,173.4	114.4	277,445.4		3,007.4	8,932.9	252,873.9	111.4	97%
30+00		3,049.3										
	100.0		3,094.1	11,459.6	114.6	288,905.0		3,036.3	11,245.4	264,119.3	112.5	98%
31+00		3,138.9										
	100.0		3,207.0	11,877.8	118.8	300,782.8		3,161.0	11,707.2	275,826.5	117.1	99%
32+00		3,275.1										
	100.0		3,339.6	12,368.9	123.7	313,151.7		3,287.3	12,175.0	288,001.5	121.8	98%
33+00		3,404.1										
	103.8		3,760.9	14,458.6	139.3	327,610.3		3,710.4	14,264.2	302,265.7	137.4	99%
34+04		4,117.7										
	96.2		4,030.9	14,361.8	149.3	341,972.0		3,978.4	14,174.9	316,440.6	147.3	99%
35+00		3,944.0										
	100.0		3,932.4	14,564.4	145.6	356,536.5		3,852.6	14,268.7	330,709.3	142.7	98%
36+00		3,920.8										
	100.0		3,918.4	14,512.6	145.1	371,049.1		3,816.9	14,136.7	344,846.0	141.4	97%
37+00		3,916.0										
	100.0		4,039.5	14,961.1	149.6	386,010.2		3,946.0	14,614.6	359,460.6	146.1	98%
·00		4,163.0										
	87.7		4,119.8	13,381.6	152.6	399,391.8		4,049.4	13,153.1		150.0	98%
38+88		4,076.5										
	112.3		4,186.9	17,414.4	155.1	416,806.2		4,130.4	17,179.4	388,227.4	153.0	99%
40+00		4,297.3										
	100.0		4,449.7	16,480.4	164.8	433,286.5		4,380.6	16,224.3	404,451.7	162.2	98%
41+00		4,602.1										
	100.0		4,940.2	18,297.0	183.0	451,583.6		4,745.3	17,575.2	422,026.8	175.8	96%
42+00		5,278.3										

	100.0		5,100.2	18,889.4	188.9	**470,473.0**		**4,850.8**	**17,965.7**	**439,992.6**	179.7	95%
43+00		4,922.0										
	71.7		5,600.1	14,871.4	207.4	**485,344.4**		**5,279.0**	**14,018.7**	**454,011.3**	195.5	94%
[illegible]72		6,278.2										
	128.3		6,746.6	32,058.6	249.9	**517,403.0**		**6,358.6**	**30,214.9**	**484,226.2**	235.5	94%
4[illegible]00		7,214.9										
	100.0		7,365.1	27,278.1	272.8	**544,681.1**		**7,124.7**	**26,387.8**	**510,613.9**	263.9	97%
46+00		7,515.3										
	100.0		7,172.6	26,565.2	265.7	**571,246.3**		**6,963.9**	**25,792.2**	**536,406.2**	257.9	97%
47+00		6,829.9										
	100.0		6,582.3	24,378.7	243.8	**595,625.0**		**6,402.7**	**23,713.5**	**560,119.7**	237.1	97%
48+00		6,334.6										
	55.7		6,259.2	12,912.4	231.8	**608,537.4**		**6,146.2**	**12,679.3**	**572,799.0**	227.6	98%
48+56		6,183.7										
	144.3		5,890.5	31,481.2	218.2	**640,018.6**		**5,755.3**	**30,758.9**	**603,557.8**	213.2	98%
50+00		5,597.2										
	100.0		5,116.2	18,948.7	189.5	**658,967.3**		**5,025.0**	**18,610.9**	**622,168.8**	186.1	98%
51+00		4,635.1										
	100.0		4,497.7	16,658.1	166.6	**675,625.5**		**4,453.2**	**16,493.3**	**638,662.1**	164.9	99%
52+00		4,360.3										
	139.6		4,225.5	21,847.4	156.5	**697,472.9**		**4,160.7**	**21,512.1**	**660,174.2**	154.1	98%
53+40		4,090.7										
	60.4		4,216.8	9,433.0	156.2	**706,905.9**		**4,147.0**	**9,276.9**	**669,451.1**	153.6	98%
54+00		4,342.8										
	100.0		4,128.6	15,290.9	152.9	**722,196.8**		**4,056.5**	**15,024.1**	**684,475.2**	150.2	98%
55+00		3,914.3										
	100.0		3,691.3	13,671.5	136.7	**735,868.3**		**3,606.9**	**13,358.9**	**697,834.0**	133.6	98%
56+00		3,468.3										
	100.0		3,309.9	12,258.9	122.6	**748,127.2**		**3,236.2**	**11,985.9**	**709,820.0**	119.9	98%
57+00		3,151.5										
	123.6		3,366.8	15,412.5	124.7	**763,539.7**		**3,307.0**	**15,138.5**	**724,958.4**	122.5	98%
58+23		3,582.1										
	76.4		3,531.0	9,991.3	130.8	**773,530.9**		**3,486.5**	**9,865.5**	**734,824.0**	129.1	99%
59+00		3,479.8										
	100.0		3,683.4	13,642.2	136.4	**787,173.2**		**3,657.2**	**13,545.0**	**748,369.0**	135.5	99%
60+00		3,887.0										
	100.0		3,925.1	14,537.4	145.4	**801,710.6**		**3,896.4**	**14,430.9**	**762,799.9**	144.3	99%
61+00		3,963.2										
	100.0		3,906.6	14,468.9	144.7	**816,179.5**		**3,877.2**	**14,360.0**	**777,159.9**	143.6	99%
[illegible]00		3,850.0										
	107.5		3,872.4	15,417.9	143.4	**831,597.3**		**3,846.1**	**15,313.0**	**792,472.9**	142.4	99%
63+08		3,894.8										
	92.5		3,765.7	12,901.0	139.5	**844,498.3**		**3,741.6**	**12,818.3**	**805,291.1**	138.6	99%
64+00		3,636.6										
	100.0		3,391.1	12,559.6	125.6	**857,058.0**		**3,380.8**	**12,521.5**	**817,812.6**	125.2	100%
65+00		3,145.6										
	100.0		3,340.1	12,370.7	123.7	**869,428.7**		**3,185.8**	**11,799.3**	**829,611.9**	118.0	95%
66+00		3,534.6										
	100.0		3,396.7	12,580.4	125.8	**882,009.1**		**3,226.9**	**11,951.3**	**841,563.2**	119.5	95%
67+00		3,258.8										
	91.5		3,237.7	10,972.2	119.9	**892,981.3**		**3,202.3**	**10,852.2**		118.6	99%
67+91		3,216.6										
	108.5		3,278.8	13,175.7	121.4	**906,157.0**		**3,228.7**	**12,974.4**	**858,647.4**	119.6	98%
69+00		3,340.9										
	100.0		3,117.9	11,547.8	115.5	**917,704.8**		**3,060.0**	**11,333.3**	**869,980.7**	113.3	98%
70+00		2,894.9										
	100.0		3,020.0	11,185.0	111.9	**928,889.8**		**2,989.6**	**11,072.4**	**881,053.1**	110.7	99%
71+00		3,145.0										
	100.0		3,182.4	11,786.7	117.9	**940,676.5**		**3,189.1**	**11,737.2**	**892,790.4**	117.4	100%
72+00		3,219.8										
	75.4		3,075.0	8,587.2	113.9	**949,263.7**		**3,051.9**	**8,522.6**	**901,312.9**	113.0	99%
72+75		2,930.2										
	124.6		2,986.4	13,781.5	110.6	**963,045.1**		**2,952.1**	**13,623.2**	**914,936.1**	109.3	99%
74+00		3,042.5										
	100.0		2,896.8	10,728.9	107.3	**973,774.0**		**2,865.7**	**10,613.7**	**925,549.8**	106.1	99%
75+00		2,751.1										
	100.0		2,688.3	9,956.5	99.6	**983,730.5**		**2,665.6**	**9,872.6**	**935,422.4**	98.7	99%
76+00		2,625.4										
	100.0		3,512.7	13,010.0	130.1	**996,740.5**		**3,487.4**	**12,916.3**	**948,338.7**	129.2	99%
77+00		4,400.0										
	59.7		4,022.4	8,893.9	149.0	**1,005,634.4**		**3,997.2**	**8,838.1**	**957,176.8**	148.0	99%
77+60		3,644.7										
	140.3		3,340.8	17,359.8	123.7	**1,022,994.2**		**3,319.9**	**17,250.9**	**974,427.8**	123.0	99%
[illegible]00		3,036.9										
	100.0		3,155.1	11,685.4	116.9	**1,034,679.5**		**3,119.8**	**11,554.6**	**985,982.4**	115.5	99%
80+00		3,273.2										
	100.0		3,452.6	12,787.4	127.9	**1,047,466.9**		**3,416.5**	**12,653.5**	**998,635.9**	126.5	99%
81+00		3,632.0										
	144.0		3,572.5	19,053.3	132.3	**1,066,520.3**		**3,540.1**	**18,880.5**	**1,017,516.4**	131.1	99%
82+44		3,513.0										

	56.0		3,382.7	7,016.0	125.3	**1,073,536.2**		**3,355.7**	**6,960.0**	**1,024,476.4**	124.3	99%
83+00		3,252.4										
	100.0		3,219.7	11,924.8	119.2	**1,085,461.0**		**3,210.1**	**11,889.1**	**1,036,365.5**	118.9	100%
84+00		3,187.0										
	100.0		3,154.4	11,682.8	116.8	**1,097,143.8**		**3,143.7**	**11,643.1**	**1,048,008.6**	116.4	100%
85+00		3,121.7										
	100.0		3,129.1	11,589.3	115.9	**1,108,733.1**		**3,118.3**	**11,549.1**	**1,059,557.7**	115.5	100%
86+00		3,136.5										
	128.3		3,099.5	14,728.4	114.8	**1,123,461.4**		**3,088.0**	**14,673.7**	**1,074,231.4**	114.4	100%
87+28		3,062.5										
	71.7		3,102.8	8,239.5	114.9	**1,131,701.0**		**3,078.9**	**8,176.1**	**1,082,407.5**	114.0	99%
88+00		3,143.0										
	100.0		3,284.9	12,166.3	121.7	**1,143,867.3**		**3,250.2**	**12,037.6**	**1,094,445.1**	120.4	99%
89+00		3,426.8										
	100.0		3,422.6	12,676.3	126.8	**1,156,543.6**		**3,383.6**	**12,531.9**	**1,106,976.9**	125.3	99%
90+00		3,418.4										
	100.0		3,429.0	12,700.0	127.0	**1,169,243.6**		**3,388.2**	**12,548.9**	**1,119,525.8**	125.5	99%
91+00		3,439.6										
	112.2		3,480.2	14,462.2	128.9	**1,183,705.7**		**3,431.3**	**14,258.8**	**1,133,784.6**	127.1	99%
92+12		3,520.8										
	87.8		3,583.3	11,652.2	132.7	**1,195,357.9**		**3,534.4**	**11,493.3**	**1,145,277.9**	130.9	99%
93+00		3,645.7										
	100.0		3,654.8	13,536.1	135.4	**1,208,894.0**		**3,609.6**	**13,368.7**	**1,158,646.6**	133.7	99%
94+00		3,663.8										
	100.0		3,705.3	13,723.1	137.2	**1,222,617.2**		**3,652.6**	**13,528.0**	**1,172,174.6**	135.3	99%
95+00		3,746.7										
	100.0		3,781.7	14,006.3	140.1	**1,236,623.5**		**3,713.1**	**13,752.2**	**1,185,926.8**	137.5	98%
96+00		3,816.7										
	96.2		3,842.4	13,690.2	142.3	**1,250,313.6**		**3,779.2**	**13,465.1**		140.0	98%
96+96		3,868.0										

October Fence Installation

North Fence X,Ys			South Fence X,Ys		
3781027.01	298418.80	449.03	3777952.10	298695.11	448.79
3780581.47	298474.76		3778395.79	298627.57	
3780610.09	298477.22	448.61	3778367.12	298625.77	449.52
3780164.66	298530.61		3778812.80	298567.80	
3780191.81	298520.95	448.55	3778784.17	298577.15	449.11
3779744.17	298549.28		3779231.04	298532.44	
3779772.12	298554.26	447.18	3779203.81	298529.64	446.19
3779327.37	298600.92		3779646.76	298475.93	
3779355.31	298591.23	448.89	3779618.34	298482.95	450.50
3778909.02	298639.48		3780068.20	298458.91	
3778936.42	298642.63	446.77	3780039.01	298454.18	448.93
3778492.73	298695.04		3780485.32	298405.82	
3778520.82	298686.20	448.17	3780456.97	298414.98	449.32
3778077.80	298753.97		3780902.89	298359.77	
	TOTAL	3137.20		TOTAL	3142.06

Grand total for 10-31-06 6279.26

UNITED STATES DEPARTMENT OF COMMERCE
National C nic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

January 4, 2007 SOU57131:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 009
Payment Period: 11/01/06 thru 11/30/06
Date Invoice Received: 12/27/06

	Contract Award	$15,549,195.40
	Net Change by Modifications	$271,880.62
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		**$15,821,076.02**

	Held Previous Payment	$117,967.00
	Held This Payment	$0.00
	Released This Payment	$0.00
RETAINAGE BALANCE		**$117,967.00**

	Total Earned	$10,777,432.72
	Total Amount Previously Paid	$9,298,368.37
	Invoiced Amount	$1,479,064.35
	Retainage Withheld	$0.00
CURRENT INVOICE APPROVAL		**$1,479,064.35**

	Total Contract Amount	$15,821,076.02
	Total Previous Payments	$9,298,368.37
	Total Current Invoice Approved	$1,479,064.35
	Retainage Released This Payment	$0.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$5,043,643.30
	Retainage Balance	$117,967.00
		$5,161,610.30

PAY THIS AMOUNT	Current Invoice Due	$1,479,064.35
	Retainage Released	$0.00
	Total Due This Payment	**$1,479,064.35**

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 1/4/07

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

==========

January 4, 2007

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279

Contractor: ***Weeks Marine, Inc.***

Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 30130003000000 00 2RL6RRS P00 2527	1406 30130003000000 00 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00
Pay No. 1	$ (85,000.00)	$ -
Mod No. 2		$ 238,887.00
Pay No. 2	$ (21,518.00)	$ (238,887.00)
Mod No. 3		$ 32,993.62
Pay No. 3	$ (47,355.10)	($32,993.62)
Pay No. 4	$ (101,278.68)	
Mod No. 4	$ -	
Pay No. 5	$ (1,061,703.42)	
Pay No. 5 (Retainage Withheld)	$ (117,967.00)	
Pay No. 6	$ (2,064,971.40)	
Pay No. 7	$ (3,514,891.45)	
Pay No. 8	$ (2,011,802.70)	
Pay No. 9	$ (1,479,064.35)	
BALANCES	**$5,043,643.30**	**$0.00**

Retainages	**1405 3013000300000000 2RL6RRS P00 2509**
Pay 005, Retainage	$117,967.00
Retainage BALANCE	**$117,967.00**

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

26-Dec-2006

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
November 1, 2006 thru November 30, 2006

CONTRACT DESCRIPTION:
Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO WC133F-05-CN-1279

WMI JOB NO.: 12050258

PAY ESTIMATE: Nine (9)

INVOICE NO.: 60819

WEEKS MARINE TAXPAYER IDENTIFICATION NO.:
13-5475810

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	60%	Lump Sum	$1,663,000.00	$997,800.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	100%	Lump Sum	165,000.00	165,000.00
4	Dune & Beach Fill	1,199,392	Cubic Yard	5.55	6,656,625.60
5	Marsh Fill	674,988	Cubic Yard	3.05	2,058,713.40
6	Primary Dikes	9,752.00	Linear Foot	13.35	130,189.20
7	Oil Infrastructure Access Canal Dredging	2,960.00	Linear Foot	44.55	131,868.00
8	Canal Closures	3	Each	18,750.00	56,250.00
9	Sand Fencing, (Mod.0005)	17,016.00	Linear Foot	7.55	128,485.90
10	Settlement Plates	7	Each	1,885.00	13,195.00
11	Signs	5	Each	1,645.00	8,225.00
12	Pre-Construction Survey	100%	Job	74,200.00	74,200.00
13	As-Built Survey	0	Job	24,440.00	0.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
15	Mod. No. 0003	1	Job	32,993.62	32,993.62
	Total Earned To Date				$10,777,432.72
	Less Previous Retainage				$117,967.00
	Less Previous Payments				9,180,401.37
	Amount Due This Invoice				$1,479,064.35

I hereby certify, to the best of my knowledge and belief, that;
(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Charles W. Granger
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2521

Gary W. Johnson
Project Manager - Hydraulic Group

26-Dec-2006

DCA DSMP

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**	Period Starting: 1-Nov-2006
CONTRACTOR: **Weeks Marine, Inc.**	Period Ending: 30-Nov-2006

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	0.00000%	60.00000%	60.00000%	997,800.00
2	Performance and Payment Bonds	1	85,000.00	85,000.00	0.00000%	100.00000%	100.00000%	85,000.00
3	Island Breach Closure	1	165,000.00	165,000.00	0.00000%	100.00000%	100.00000%	165,000.00
4	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	19.736578100%	47.18631000%	66.92288810%	6,656,625.60
5	Marsh Fill	950,200	3.0500000	2,898,110.00	47.2809935%	23.75542%	71.0364134%	2,058,713.40
6	Primary Dikes	20,294	13.35	270,924.90	0.000000%	48.053611%	48.053611%	130,189.20
7	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	0.00000%	100.00000%	100.00000%	131,868.00
8	Canal Closures	3	18,750.00	56,250.00	100.00000%	0.00000%	100.00000%	56,250.00
9	Sand Fencing	27,390	7.55	206,794.50	26.3636360%	35.76853%	62.1321647%	128,485.90
10	Settlement Plates	7	1,885.00	13,195.00	0.00000%	100.00000%	100.00000%	13,195.00
11	Signs	5	1,645.00	8,225.00	0.00000%	100.00000%	100.00000%	8,225.00
12	Pre-Construction Survey	1	74,200.00	74,200.00	0.00000%	100.00000%	100.00000%	74,200.00
13	As-Built Survey	1	24,440.00	24,440.00	0.00000%	0.00000%	0.00000%	0.00
14	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	0.00000%	100.00000%	100.00000%	238,887.00
15	Mod. 0003 Re-establish Survey Monument	1	32,993.62	32,993.62	0.00000%	100.00000%	100.00000%	32,993.62
	Totals			$15,815,598.02	21.77701%	46.15870%	67.93571%	$10,777,432.72

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756

26 December 2006

Serial Letter No.: S-40

Kansas City, Missouri 64106

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Payment Estimate #09

Mr. Manthey:

Enclosed please find Payment Estimate #09, Partial, for the Chaland Headland project. This invoice is for pay period November 1, 2006 thru November 31, 2006.

If you have any questions or need additional information please don't hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager

Enclosure(s)

Cc: Contract File

DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

26 December 2006

Serial Letter No.: S-41

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Insurance Certification

Mr. Manthey:

This letter serves as certification that;

(a) Weeks Marine, Inc. (WMI) has, at its own expense, provided and shall maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the Contract.

(b) Before commencing work under this contract, WMI did notify the Contracting Officer in writing that the required insurance had been obtained. The policies evidencing required insurance contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) WMI shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. WMI shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

If you have any questions or if you require additional information please do not hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

DCA DSMP
Certificate # C-003-1

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

26 December 2006

Serial Letter No.: S-42

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Record Drawing Certification

Mr. Manthey:

This letter serves as the Record Drawing Certification for the Chaland Headland Restoration Project. Currently Record Drawings for this project are being maintained at the onsite field office by the Project Engineers as soon as they are certified and received. Copies of Record Drawings are also kept at the WMI office in Covington, LA..

If you have any questions or comments or if you require additional information please do not hesitate to contact me.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

Cc: Contract File

DSMP

November Fence Installation

North Fence X, Y			South Fence X, Y		
Station 67+02 to 96+65			Station 65+86 to 95+49		
3783918.01	297897.19	450	3783794.24	297839.27	450
3783480.00	297998.67		3783360.09	297938.88	
3783507.42	297986.25	450	3783388.15	297939.50	450
3783066.76	298081.00		3782948.01	298041.58	
3783097.62	298081.96	450	3782971.24	298030.69	450
3782992.39	298111.55		3782537.36	298130.92	
3782661.27	298187.55				
3782687.49	298176.81	450	3782567.37	298130.56	450
3782523.46	298214.67		3782520.08	298140.89	
3782246.42	298251.38		3782122.65	298192.22	
3782274.90	298252.76	450	3782149.77	298183.05	450
3781830.76	298312.84		3781705.12	298245.02	
3781858.01	298303.94	450	3781735.00	298246.91	450
3781413.96	298366.18		3781289.81	298308.05	
3781442.83	298368.13	450	3780873.12	298357.83	450
3780998.41	298428.22		3781317.90	298299.17	
Station 9+70 to 1631					
3775964.06	299037.71	498			
3775935.02	299041.54				
3775545.18	299301.98				
3775571.82	299293.05	423			
3775202.83	299500.08				
3775345.18	299416.80				
	Total	4071		Total	3150

Grand Total for 11-30-06 7221.00 ft

CHALAND												12/26/06
W.M.I. Job# 12050268												
Grand Isle, LA.												
												Percent
					Design	Cumulative				Cumulative	Pay	Filled
		Design	Avg.	Design	Cubic yards	Design	Filled	Avg. Filled	Pay	Pay	Cubic yards	This
S...	Distance	Area of Fill	Design Area	Volume	per foot	Volume	Area	Area	Volume	Volume	per foot	Station
				0.0		0.0		0.0	0.0	0.0		0.00%
7+42		435										
	242		479.3	4,295.9	17.8	4,295.9		479.3	4,295.9	4,295.9	17.8	100.00%
9+84		523.6										
	242		723.0	6,479.8	26.8	10,775.7		723.0	6,479.8	10,775.7	26.8	100.00%
12+26		922.3										
	242		1,082.9	9,705.5	40.1	20,481.3		1,082.9	9,705.5	20,481.3	40.1	100.00%
14+68		1243.4										
	242		1,158.4	10,382.2	42.9	30,863.5		1,158.4	10,382.2	30,863.5	42.9	100.00%
17+10		1073.3										
	242		1,068.6	9,577.8	39.6	40,441.3		1,068.6	9,577.8	40,441.3	39.6	100.00%
19+52		1,063.9										
	242		1,108.5	9,935.0	41.1	50,376.3		1,108.5	9,935.0	50,376.3	41.1	100.00%
21+94		1,153.0										
	242		1,127.1	10,102.2	41.7	60,478.5		1,127.1	10,102.2	60,478.5	41.7	100.00%
24+36		1,101.2										
	242		1,000.8	8,969.7	37.1	69,448.2		1,000.8	8,969.7	69,448.2	37.1	100.00%
26+78		900.3										
	242		1,052.7	9,435.3	39.0	78,883.5		1,052.7	9,435.3	78,883.5	39.0	100.00%
29+20		1,205.1										
	242		1,110.0	9,948.9	41.1	88,832.4		1,110.0	9,948.9	88,832.4	41.1	100.00%
31+62		1,014.9										
	242		986.5	8,842.0	36.5	97,674.3		986.5	8,842.0	97,674.3	36.5	100.00%
34+04		958.1										
	242		1,232.5	11,046.4	45.6	108,720.7		1,232.5	11,046.4	108,720.7	45.6	100.00%
36+46		1,506.8										
	242		1,589.6	14,247.1	58.9	122,967.8		1,589.6	14,247.1	122,967.8	58.9	100.00%
38+88		1,672.3										
	242		1,674.9	15,011.6	62.0	137,979.4		1,674.9	15,011.6	137,979.4	62.0	100.00%
41+30		1,677.4										
	242		2,147.3	19,245.7	79.5	157,225.2		2,147.3	19,245.7	157,225.2	79.5	100.00%
		2,617.1										
	242		2,183.1	19,567.0	80.9	176,792.2		2,183.1	19,567.0	176,792.2	80.9	100.00%
46+14		1,749.1										
	242		1,840.4	16,495.0	68.2	193,287.2		1,837.1	16,465.4	193,257.6	68.0	99.82%
48+56		1,931.6										
	242		2,122.3	19,021.6	78.6	212,308.8		2,119.0	18,992.1	212,249.7	78.5	99.84%
50+98		2,312.9										
	242		2,217.4	19,874.5	82.1	232,183.3		2,217.4	19,874.5		82.1	100.00%
53+40		2,121.9										
	242		2,163.3	19,389.1	80.1	251,572.4		2,076.7	18,613.4	244,437.6	76.9	96.00%
55+82		2,204.6										
	242		1,610.7	14,436.6	59.7	266,009.1		1,509.3	13,527.4	257,964.9	55.9	93.70%
58+23		1,016.8										
	242		1,152.9	10,333.0	42.7	276,342.0		1,129.9	10,127.3	268,092.2	41.8	98.01%
60+66		1,288.9										
	242		1,307.9	11,722.7	48.4	288,064.7		1,287.1	11,535.8	279,628.0	47.7	98.41%
63+08		1,326.9										
	242		1,345.5	12,059.7	49.8	300,124.4		1,329.2	11,913.6	291,541.5	49.2	98.79%
65+49		1,364.1										
	242		1,633.6	14,641.9	60.5	314,766.3		1,617.1	14,493.6	306,035.1	59.9	98.99%
67+91		1,903.1										
	242		1,914.2	17,156.5	70.9	331,922.7		1,886.1	16,904.6	322,939.7	69.9	98.53%
70+33		1,925.2										
	242		1,810.5	16,227.0	67.1	348,149.7		1,765.6	15,825.0	338,764.7	65.4	97.52%
72+75		1,695.7										
	242		2,119.1	18,993.0	78.5	367,142.7		2,047.1	18,348.1	357,112.8	75.8	96.60%
75+18		2,542.4										
	242		1,619.9	14,519.1	60.0	381,661.8		1,556.1	13,946.8	371,059.6	57.6	96.06%
77+60		697.4										
	242		1,324.8	11,873.7	49.1	393,535.5		1,291.8	11,578.4	382,638.0	47.8	97.51%
80+02		1,952.1										
	242		2,509.1	22,489.0	92.9	416,024.4		2,452.8	21,984.4	404,622.3	90.8	97.76%
82+44		3,066.1										
	242		2,991.8	26,814.9	110.8	442,839.4		2,877.9	25,794.5	430,416.8	106.6	96.19%
84+86		2,917.4										
	242		2,632.3	23,592.8	97.5	466,432.1		2,523.9	22,621.2	453,038.0	93.5	95.88%
		2,347.1										
	314		1,828.5	21,264.8	67.7	487,696.9		1,771.7	20,604.2	473,642.2	65.6	96.89%
90+42		1,309.9										
	170		1,753.1	11,037.7	64.9	498,734.6		1,735.9	10,929.4	484,571.6	64.3	99.02%
92+12		2,196.2										
	242		2,485.5	22,277.0	92.1	521,011.6		2,462.7	22,073.1	506,644.7	91.2	99.08%
94+54		2,774.7										

	242		2,929.4	26,255.7	108.5	**547,267.3**		**2,885.3**	**25,860.4**	**532,505.1**	106.9	98.49%
96+96		3,084.0										
	242		2,868.6	25,710.7	106.2	**572,978.0**		**2,830.9**	**25,373.3**	**557,878.4**	104.8	98.69%
99+38		2,653.1										
	242		2,383.3	21,361.4	88.3	**594,339.4**		**2,348.2**	**21,046.8**	**578,925.2**	87.0	98.53%
		2,113.5										
	242		2,090.4	18,736.2	77.4	**613,075.6**		**2,043.9**	**18,319.4**	**597,244.6**	75.7	97.78%
104+22		2,067.3										
	242		1,944.3	17,426.2	72.0	**630,501.9**		**1,881.0**	**16,859.3**	**614,103.9**	69.7	96.75%
106+64		1,821.2										
	242		1,858.2	16,654.5	68.8	**647,156.4**		**1,729.0**	**15,496.5**	**629,600.4**	64.0	93.05%
109+06		1,895.1										
	242		1,254.1	11,240.0	46.4	**658,396.4**		**973.4**	**8,724.5**	**638,325.0**	36.1	77.62%
111+48		613.0										
	242		930.0	8,335.1	34.4	**666,731.5**		**494.5**	**4,431.7**	**642,756.7**	18.3	53.17%
113+90		1,246.9										
	242		1,338.3	11,995.1	49.6	**678,726.6**		**815.3**	**7,307.1**	**650,063.8**	30.2	60.92%
116+32		1,429.7										
	242		1,241.3	11,125.3	46.0	**689,851.9**		**788.5**	**7,066.8**	**657,130.6**	29.2	63.52%
118+74		1,052.8										
	242		1,061.9	9,517.8	39.3	**699,369.7**		**791.9**	**7,097.3**	**664,228.0**	29.3	74.57%
121+16		1,071.0										
	324		996.7	11,959.8	36.9	**711,329.5**		**900.8**	**10,809.0**	**674,988.0**	33.4	90.38%
124+40		922.3										

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

January 31, 2007 SOU57131:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 0010
Payment Period: 12/01/07 thru 1/09/07
Date Invoice Received: 1/31/07

	Contract Award	$15,549,195.40
	Net Change by Modifications	$266,402.62
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		**$15,815,598.02**

	Held Previous Payment	$117,967.00
	Held This Payment	$10,000.00
	Released This Payment	$117,967.00
RETAINAGE BALANCE		**$10,000.00**

	Total Earned	$14,863,025.07
	Total Amount Previously Paid	$10,777,432.72
	Invoiced Amount	$4,085,592.35
	Retainage Withheld	$10,000.00
CURRENT INVOICE APPROVAL		**$4,075,592.35**

	Total Contract Amount	$15,815,598.02
	Total Previous Payments	$10,777,432.72
	Total Current Invoice Approved	$4,075,592.35
	Retainage Released This Payment	$117,967.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$952,572.95
	Retainage Balance	$10,000.00
		$962,572.95

PAY THIS AMOUNT	Current Invoice Due	$4,075,592.35
	Retainage Released	$117,967.00
	Total Due This Payment	**$4,193,559.35**

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, Corr 1/31/07

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

==========

January 31, 2007

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279

Contractor: ***Weeks Marine, Inc.***

Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 3013000300000 000 2RL6RRS P00 2527	1406 3013000300000 000 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00
Pay No. 1	$ (85,000.00)	$ -
Mod No. 2		$ 238,887.00
Pay No. 2	$ (21,518.00)	$ (238,887.00)
Mod No. 3		$ 32,993.62
Pay No. 3	$ (47,355.10)	($32,993.62)
Pay No. 4	$ (101,278.68)	
Mod No. 4	$ -	
Pay No. 5	$ (1,061,703.42)	
Pay No. 5 (Retainage Withheld)	$ (117,967.00)	
Pay No. 6	$ (2,064,971.40)	
Pay No. 7	$ (3,514,891.45)	
Pay No. 8	$ (2,011,802.70)	
Pay No. 9	$ (1,479,064.35)	
Mod No. 5	$ (5,478.00)	
Pay No. 10	$ (4,075,592.35)	
Pay No. 10 (Retainage Withheld)	$ (10,000.00)	
BALANCES	**$952,572.95**	**$0.00**

Retainages	1405 301300030000000 RL6RRS P00 2509
Pay 005, Retainage	$117,967.00
Pay 005, Retainage Released	**($117,967.00)**
Pay 010, Retainage	**$10,000.00**
Retainage BALANCE	**$10,000.00**

INVOICE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

29-Jan-2007

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
December 1, 2006 thru January 8, 2007

CONTRACT DESCRIPTION:
Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO. WC133F-05-CN-1279

WMI JOB NO.: 12050258

PAY ESTIMATE: Ten (10)

INVOICE NO.: 70028

WEEKS MARINE TAXPAYER IDENTIFICATION NO.:
13-5475810

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	100%	Lump Sum	$1,663,000.00	$1,663,000.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	100%	Lump Sum	165,000.00	165,000.00
4	Dune & Beach Fill	1,748,443	Cubic Yard	5.55	9,703,858.65
5	Marsh Fill	735,206	Cubic Yard	3.05	2,242,378.30
6	Primary Dikes	16,273	Linear Foot	13.35	217,244.55
7	Oil Infrastructure Access Canal Dredging	2,960	Linear Foot	44.55	131,868.00
8	Canal Closures	3	Each	18,750.00	56,250.00
9	Sand Fencing, (Mod.0005)	27,349	Linear Foot	7.55	206,484.95
10	Settlement Plates	7	Each	1,885.00	13,195.00
11	Signs	5	Each	1,645.00	8,225.00
12	Pre-Construction Survey	100%	Job	74,200.00	74,200.00
13	As-Built Survey	1	Job	24,440.00	24,440.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
15	Mod. No. 0003	1	Job	32,993.62	32,993.62
	Total Earned To Date				$14,863,025.07
	Less Previous Payments				10,777,432.72
	Amount Due This Invoice				$4,085,592.35

I hereby certify, to the best of my knowledge and belief, that;
(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
Charles W. Granger
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2521

Gary W. Johnson
Project Manager - Hydraulic Group

29-Jan-2007

DCA DSMP

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**		Period Starting:	1-Dec-2006
CONTRACTOR: **Weeks Marine, Inc.**		Period Ending:	9-Jan-2007

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	40.00000%	60.00000%	100.00000%	1,663,000.00
2	Performance and Payment Bonds	1	85,000.00	85,000.00	0.00000%	100.00000%	100.00000%	85,000.00
3	Island Breach Closure	1	165,000.00	165,000.00	0.00000%	100.00000%	100.00000%	165,000.00
4	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	30.6355875%	66.922888100%	97.55847560%	9,703,858.65
5	Marsh Fill	950,200	3.0500000	2,898,110.00	6.3374026%	71.03641%	77.3738160%	2,242,378.30
6	Primary Dikes	20,294	13.35	270,924.90	32.1326510%	48.053611%	80.1862620%	217,244.55
7	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	0.00000%	100.00000%	100.00000%	131,868.00
8	Canal Closures	3	18,750.00	56,250.00	100.00000%	0.00000%	100.00000%	56,250.00
9	Sand Fencing	27,390	7.55	206,794.50	37.7181453%	62.1321647%	99.8503100%	206,484.95
10	Settlement Plates	7	1,885.00	13,195.00	0.00000%	100.00000%	100.00000%	13,195.00
11	Signs	5	1,645.00	8,225.00	0.00000%	100.00000%	100.00000%	8,225.00
12	Pre-Construction Survey	1	74,200.00	74,200.00	0.00000%	100.00000%	100.00000%	74,200.00
13	As-Built Survey	1	24,440.00	24,440.00	100.00000%	0.00000%	100.00000%	24,440.00
14	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	0.00000%	100.00000%	100.00000%	238,887.00
15	Mod. 0003 Re-establish Survey Monument	1	32,993.62	32,993.62	0.00000%	100.00000%	100.00000%	32,993.62
	Totals			$15,815,598.02	26.03381%	67.58005%	93.61386%	$14,863,025.07

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

29 January 2007

Serial Letter No.: S-44

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Payment Estimate #10

Mr. Manthey:

Enclosed please find Payment Estimate #10, Final, for the Chaland Headland project. This invoice is for pay period December 1, 2006 thru January 8, 2007.

If you have any questions or need additional information please don't hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager

Enclosure(s)

Cc: Contract File

DCA DSMP

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

29 January 2007

Serial Letter No.: S-45

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Insurance Certification

Mr. Manthey:

This letter serves as certification that;

(a) Weeks Marine, Inc. (WMI) has, at its own expense, provided and shall maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the Contract.

(b) Before commencing work under this contract, WMI did notify the Contracting Officer in writing that the required insurance had been obtained. The policies evidencing required insurance contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) WMI shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. WMI shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

If you have any questions or if you require additional information please do not hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

DCA DSMP

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

29 January 2007

Serial Letter No.: S-46

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Record Drawing Certification

Mr. Manthey:

This letter serves as the Record Drawing Certification for the Chaland Headland Restoration Project. Currently Record Drawings for this project are being maintained at the onsite field office by the Project Engineers as soon as they are certified and received. Copies of Record Drawings are also kept at the WMI office in Covington, LA.

If you have any questions or comments or if you require additional information please do not hesitate to contact me.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W Johnson
Project Manager
Hydraulic Group

Cc: Contract File

DCA DSMP

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

29 January 2007

Serial Letter No.: S-47

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Grade Stakes, Task No. 35.5

Mr. Manthey:

Please consider this letter as our certification for the removal of all grade stakes used for the Beach/Dune and Marsh construction from Station 96+96 thru Station 145+35. A search was conducted with a metal detector to assure that all stakes were found and removed.

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager
Hydraulic Group

Enclosure(s)

Cc: Contract File
Gordon Thomson, Coastal Planning and Engineering

DCA DSMP

Punch List for the Chaland Headland Restoration (BA-38-2) CWPPRA Project
Generated on January 10, 2007
Submitted on January 18, 2007
Updated on January 31, 2007
Contract Number: WC133F-05-CN-1279

	Item	Station	Range	Dollar Amount Held	Date Completed	Comments	Sign Off Date	Dollar Amount Released
1	Need to fix/replace broken sand fence.	141+60	2+90	$0	1/15/2007		JM-01/24/07	$78
2	Need to remove sand fence alignment stakes and string along the entire fence line.			$0	1/16/2007		JM-01/24/07	$116
3	Need to remove sand bags.	140+50	0+00	$0	1/16/2007		JM-01/24/07	$29
4	Need to remove the pile of pulled grade stakes.	138+50	2+60	$0	1/16/2007		JM-01/24/07	$29
5	Need to remove the pulled grade stake.	133+40	2+00	$0	1/16/2007		JM-01/24/07	$29
6	Need to remove the pulled grade stake and burlap wrap.	131+80	2+40	$0	1/16/2007		JM-01/24/07	$29
7	Need to remove the metal conduit, sand fence roll, sand fence bands, pipe collar, burlap, and steel cable.	77+60	-14+50	$0	1/16/2007		JM-01/24/07	$29
8	Need to remove the wire cable and miscellaneous debris.	78+30	-1+40	$0	1/16/2007		JM-01/24/07	$29
9	Need to secure flapping sand fence.	67+70	-1+00	$0	1/16/2007		JM-01/24/07	$39
10	Need to fix/replace broken sand fence.	65+10	-0+10	$0	1/16/2007		JM-01/24/07	$78
11	Need to remove the sand fence roll and metal conduit.	63+20	-0+90	$0	1/17/2007		JM-01/24/07	$29
12	Need to remove fence stakes and wire wraps.	50+60	-0+10	$0	1/17/2007		JM-01/24/07	$29
13	Need to remove the oil container, lid, and miscellaneous debris.	41+10	0+30	$0	1/16/2007		JM-01/24/07	$29
14	Need to remove sand fence alignment stakes.	32+60	0+10	$0	1/16/2007		JM-01/24/07	$29

Punch List for the Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract Number: WC133F-05-CN-1279
Page 2

	Item	Station	Range	Dollar Amount Held	Date Completed	Comments	Sign Off Date	Dollar Amount Released
15	Need to secure sand fence and remove debris.	32+10	-0+70	$0	1/16/2007		JM-01/24/07	$233
16	Need to fix the tall fence post such that the requirements specified in TP 32.2.1 are met.	33+20	-0+70	$0	1/18/2007		JM-01/24/07	$29
17	Need to remove sand fence debris.	30+70	-0+90	$0	1/17/2007		JM-01/24/07	$29
18	Need to secure flapping sand fence.	29+30	0+00	$0	1/17/2007		JM-01/24/07	$39
19	Need to remove sand fence debris.	30+00	-1+80	$0	1/16/2007		JM-01/24/07	$29
20	Need to remove the burlap wrap.	25+40	-0+10	$0	1/16/2007		JM-01/24/07	$29
21	Need to remove the partially buried wire cable.	24+10	-0+40	$0	1/16/2007		JM-01/24/07	$29
22	Need to remove the partially buried wire cable.	23+10	-0+40	$0	1/25/2007		JM-01/31/07	$29
23	Need to remove the hydraulic hose.	14+30	-1+60	$0	1/16/2007		JM-01/24/07	$29
24	Need to remove the PVC pipe.	7+20	-8+30	$0	1/16/2007		JM-01/24/07	$29
25	Need to fix/replace broken sand fence.	126+00	1+40	$0	1/17/2007		JM-01/24/07	$78
26	Need to secure flapping sand fence.	115+00	0+20	$0	1/17/2007		JM-01/24/07	$39
27	Need to submit beach as-built electronic survey data between Station 98+00 and Station 145+77.			$0	1/24/2007	Note-The electronic copy contains the following errors: (1). The profile labeled as 104+22/104+00 should be labeled as 104+22. (2). The profile labeled as 113+90/114+00 should be labeled as 113+90. (3). The profile labeled as 118+74/119+00 should be labeled as 118+74. (4). The profile labeled as 145+77/146+00 should be labeled as 145+77.	JM-01/31/07	$3,447,222
28	Please submit borrow area pre-construction electronic survey data.			$0	1/19/2007		JM-01/31/07	$0
29	Please submit sand fence as-built electronic survey data.			$0	1/19/2007		JM-01/24/07	$212,273

Punch List for the Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract Number: WC133F-05-CN-1279
Page 3

	Item	Station	Range	Dollar Amount Held	Date Completed	Comments	Sign Off Date	Dollar Amount Released
30	***Please submit Oil Infrastructure Access Canal longitudinal as-built***			***$0***	***1/19/2007***		***JM-01/24/07***	***$0***
31	***Please submit Robinson Canal longitudinal as-built electronic survey data.***			***$0***	***1/19/2007***		***JM-01/24/07***	***$0***
32	***Please submit borrow area cut dates (overburden and sand) in AutoCAD format.***			***$0***	***1/24/2007***		***JM-01/31/07***	***$0***
33	***Immediately issue a Notice to Mariners - Change in Bathymetry.***			***$0***	***1/19/2007***		***JM-01/24/07***	***$250***
34	Survey all areas that are higher than the preconstruction survey within 60 days and submit data to the COTR. The format of the survey data shall follow the specifications listed in TP 37.			$10,000		Note-Will be surveyed and submitted within 60 days (3/19/07).		
35	***Please submit the DQCR for January 7, 2007.***			***$0***	***1/21/2007***		***JM-01/24/07***	***$100***
36	***Please resubmit the following reports with requested corrections: 7/31 DDR, 8/20 DDR, 10/14 DDR, 10/17 DQCR & DDR, 10/22 DQCR, 11/4 DDR, 11/10 DQCR, 11/13 DQCR & DDR, 11/14 DQCR & DDR, 11/18 DDR, and 11/23 DDR.***			***$0***	***1/21/2007***		***JM-01/24/07***	***$350***
37	***Please submit the meeting minutes for the January 10, 2007 site inspection.***			***$0***	***1/18/2007***		***JM-01/24/07***	***$189***
Total Dollar Amount Held for Punch List Items:				$10,000		**Total Dollar Amount Released for Punch List Items:**		$3,661,606

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

October 30, 2008 SOU57131:JLM

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279
Accounting: See Breakdown
Contractor: ***Weeks Marine, Inc.***
Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. 0011(FINAL)
Payment Period: 1/10/07 thru 10/27/08
Date Invoice Received: 10/30/08

	Contract Award	$15,549,195.40
	Net Change by Modifications	($686,170.33)
	Contract Withholdings and/or Liquidated Damages	$0.00
CONTRACT TOTAL		**$14,863,025.07**

	Held Previous Payment	$10,000.00
	Held This Payment	$0.00
	Released This Payment	$10,000.00
RETAINAGE BALANCE		**$0.00**

	Total Earned	$14,863,025.07
	Total Amount Previously Paid	$14,863,025.07
	Invoiced Amount	$0.00
	Retainage Withheld	$0.00
CURRENT INVOICE APPROVAL		**$0.00**

	Total Contract Amount	$14,863,025.07
	Total Previous Payments	$14,863,025.07
	Total Current Invoice Approved	$0.00
	Retainage Released This Payment	$10,000.00
CONTRACT AND RETAINAGE FUNDS REMAINING	Contract Balance	$0.00
	Retainage Balance	$0.00
		$0.00

PAY THIS AMOUNT	Current Invoice Due	$0.00
	Retainage Released	$10,000.00
	Total Due This Payment	**$10,000.00**

I hereby certify, to the best of my knowledge and belief, that the progress payment recommended above is based on the estimated amount of work completed, and meets the standards of quality established under this contract.

Jason L. Manthey, COTR 10/30/08

Jason L. Manthey
Contracting Officers Technical Representative

Pamela L. Stichweh
Contracting Officer

October 30, 2008

CONSTRUCTION PROGRESS PAYMENT

Contract No: WC133F05CN1279

Contractor: ***Weeks Marine, Inc.***

Project: **Dredging for the Construction of Chaland Headland Restoration Project**

Payment No. (Current Payment in Bold)	1405 3013000300000 000 2RL6RRS P00 2527	1406 3013000300000 000 2RL6RRS P00 2527	1407 3013000300000 000 2RL6RRS P00 2527
Award	$15,549,195.40	$0.00	$0.00
Pay No. 1	$ (85,000.00)	$ -	$ -
Mod No. 2		$ 238,887.00	$ 238,887.00
Pay No. 2	$ (21,518.00)	$ (238,887.00)	$ (238,887.00)
Mod No. 3		$ 32,993.62	$ 32,993.62
Pay No. 3	$ (47,355.10)	($32,993.62)	($32,993.62)
Pay No. 4	$ (101,278.68)		
Mod No. 4	$ -		
Pay No. 5	$ (1,061,703.42)		
Pay No. 5 (Retainage Withheld)	$ (117,967.00)		
Pay No. 6	$ (2,064,971.40)		
Pay No. 7	$ (3,514,891.45)		
Pay No. 8	$ (2,011,802.70)		
Pay No. 9	$ (1,479,064.35)		
Mod No. 5	$ (5,478.00)		
Pay No. 10	$ (4,075,592.35)		
Pay No. 10 (Retainage Withheld)	$ (10,000.00)		
Mod No.6			$988,234.45
Mod No.7			($988,234.45)
Mod No. 8	$ (952,572.95)		
BALANCES	**$0.00**	**$0.00**	**$0.00**

Retainages	**1405 3013000300000000 2RL6RRS P00 2509**
Pay 005, Retainage	$117,967.00
Pay 005, Retainage Released	($117,967.00)
Pay 010, Retainage	$10,000.00
Pay 011, Retainage Released	($10,000.00)
Retainage BALANCE	**$0.00**

WEEKS MARINE, INC.

DREDGING – MARINE CONTRACTORS
STEVEDORING – EQUIPMENT RENTALS
TOWING – HEAVY LIFT – SALVAGE

524 SALLE DRIVE · COVINGTON, LA

2008 OCT 30 AM 6 48

U. S. Dept. of Commerce/NOAA/CAO
601 East 12th Street, Room 1756
Kansas City, MO 64106
816-426-7841

28 October 2008

Serial Letter No.: H-89

Attention: Mr. Jason Manthey, Electrical Engineer

Reference: Contract No. WC133F-05-CN-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Release of Claims and Pay Estimate No.11

Dear Mr. Manthey:

Enclosed please find a signed original Release of Claims for the above referenced contract. Also enclosed is Pay Estimate No.11 for the period 10 January 2007 thru 27 October 2008.

If you have any questions or require additional information, please do not hesitate to contact me.

Sincerely yours,

WEEKS MARINE, INC.

Melody Treme

Melody Treme
Administrative Assistant
Hopper, Hydraulic, and Bucket Groups

Enclosures

cc: J.S. Chatry
M.D. Ernst
C.R. Balentine
C.W. Granger
G. Johnson
Contract File

INVOICE

WEEKS MARINE, INC.

DREDGING – MARINE CONTRACTORS
STEVEDORING – EQUIPMENT RENTALS
TOWING – HEAVY LIFT – SALVAGE

2008 OCT 30 AM 6 48

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

DATE: October 27, 2008

Please Remit To: Weeks Marine, Inc.
4 Commerce Drive
Cranford, NJ 07016-3598
Attn: Accounts Receivable

TO: U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

PERIOD COVERED:
January 10, 2007 thru October 27, 2008

CONTRACT DESCRIPTION:
Dredging for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana

FEDERAL CONTRACT NO.: WC133F-05-CN-1279

WMI JOB NO.: 12050258

PAY ESTIMATE: Eleven (11)

INVOICE NO.: 60879

WEEKS MARINE TAXPAYER IDENTIFICATION NO.: 13-5475810

LOCATION OF WORK: Plaquemines Parish, Louisiana

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Demobilization	100%	Lump Sum	$1,663,000.00	$1,663,000.00
2	Performance & Payment Bonds	100%	Lump Sum	85,000.00	85,000.00
3	Island Breach Closure	100%	Lump Sum	165,000.00	165,000.00
4	Dune & Beach Fill	1,748,443	Cubic Yard	5.55	9,703,858.65
5	Marsh Fill	735,206	Cubic Yard	3.05	2,242,378.30
6	Primary Dikes	16,273	Linear Foot	13.35	217,244.55
7	Oil Infrastructure Access Canal Dredging	2,960	Linear Foot	44.55	131,868.00
8	Canal Closures	3	Each	18,750.00	56,250.00
9	Sand Fencing, (Mod.0005)	27,349	Linear Foot	7.55	206,484.95
10	Settlement Plates	7	Each	1,885.00	13,195.00
11	Signs	5	Each	1,645.00	8,225.00
12	Pre-Construction Survey	100%	Job	74,200.00	74,200.00
13	As-Built Survey	1	Job	24,440.00	24,440.00
14	Mod. No. 0002	1	Job	238,887.00	238,887.00
15	Mod. No. 0003	1	Job	32,993.62	32,993.62
	Total Earned To Date				$14,863,025.07
	Less Previous Payments				14,853,025.07
	Amount Due This Invoice				$10,000.00

I hereby certify, to the best of my knowledge and belief, that:

(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;
(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and
(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

IF INVOICE DEFECTIVE, NOTIFY:
WEEKS MARINE, INC.
J. Stephen Chatry
304 Gaille Drive, Innwoods Business Park
Covington, Louisiana 70433

Phone (985) 875-2500

J. Stephen Chatry
Vice President

October 27, 2008

SCHEDULE OF PRICES

Location/Contract No.: **Chaland Headland Restoration (BA-38-2) CWPPRA Project/WC133F-05-CN-1279**		Period Starting:	January 10, 2007
CONTRACTOR: **Weeks Marine, Inc.**		Period Ending:	October 27, 2008

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization	1	1,663,000.00	1,663,000.00	[illegible]	[illegible]	100.00000%	[illegible]
2	Performance and Payment Bonds	1	85,000.00	85,000.00	[illegible]	[illegible]	100.00000%	[illegible]
3	Island Breach Closure	1	165,000.00	165,000.00	[illegible]	[illegible]	100.00000%	[illegible]
4	Dune and Beach Fill	1,792,200	5.55	9,946,710.00	[illegible]	[illegible]	97.55847560%	[illegible]
5	Marsh Fill	950,200	3.0500000	2,898,110.00	[illegible]	[illegible]	77.3738160%	[illegible]
6	Primary Dikes	20,294	13.35	270,924.90	[illegible]	[illegible]	80.1862620%	[illegible]
7	Oil Infrastructure Access Canal Dredging	2,960	44.55	131,868.00	[illegible]	[illegible]	100.00000%	[illegible]
8	Canal Closures	3	18,750.00	56,250.00	[illegible]	[illegible]	100.00000%	[illegible]
9	Sand Fencing	27,390	7.55	206,794.50	[illegible]	[illegible]	99.8503100%	[illegible]
10	Settlement Plates	7	1,885.00	13,195.00	[illegible]	[illegible]	100.00000%	[illegible]
11	Signs	5	1,645.00	8,225.00	[illegible]	[illegible]	100.00000%	[illegible]
12	Pre-Construction Survey	1	74,200.00	74,200.00	[illegible]	[illegible]	100.00000%	[illegible]
13	As-Built Survey	1	24,440.00	24,440.00	[illegible]	[illegible]	100.00000%	[illegible]
14	Mod. 0002 Dredge Access Canal	1	238,887.00	238,887.00	[illegible]	[illegible]	100.00000%	[illegible]
15	Mod. 0003 Re-establish Survey Monument	1	32,993.62	32,993.62	[illegible]	[illegible]	100.00000%	[illegible]
	Totals			$15,815,598.02	26.03381%	67.58005%	93.61386%	$14,863,025.07

RELEASE OF CLAIMS

The undersigned CONTRACTOR, pursuant to the terms of Contract No. WC133F-05-CN-1279 between the United States of America and said CONTRACTOR for the Chaland Headland Restoration (BA38-2) CWPPRA Project hereby releases the United States from any and all claims arising under or by virtue of said contract or any modification or change thereof. Witness the signature and seal of the undersigned this 27th day of October, 2008.

WITNESS:

Melody Greene

(Signature)

304 Gaille Drive
Covington, LA 70433

(Address)

CONTRACTOR:

J. Stephen Chatry, WEEKS MARINE, INC.

Vice President

(Official Title)

Punch List for the Chaland Headland Restoration (BA-38-2) CWPPRA Project
Generated on January 10, 2007
Submitted on January 18, 2007
Updated on January 31, 2007
Contract Number: WC133F-05-CN-1279

	Item	Station	Range	Dollar Amount Held	Date Completed	Comments	Sign Off Date	Dollar Amount Released
1	Need to fix/replace broken sand fence.	141+60	2+90	$0	1/15/2007		JM-01/24/07	$78
2	Need to remove sand fence alignment stakes and string along the entire fence line.			$0	1/16/2007		JM-01/24/07	$116
3	Need to remove sand bags.	140+50	0+00	$0	1/16/2007		JM-01/24/07	$29
4	Need to remove the pile of pulled grade stakes.	138+50	2+60	$0	1/16/2007		JM-01/24/07	$29
5	Need to remove the pulled grade stake.	133+40	2+00	$0	1/16/2007		JM-01/24/07	$29
6	Need to remove the pulled grade stake and burlap wrap.	131+80	2+40	$0	1/16/2007		JM-01/24/07	$29
7	Need to remove the metal conduit, sand fence roll, sand fence bands, pipe collar, burlap, and steel cable.	77+60	-14+50	$0	1/16/2007		JM-01/24/07	$29
8	Need to remove the wire cable and miscellaneous debris.	78+30	-1+40	$0	1/16/2007		JM-01/24/07	$29
9	Need to secure flapping sand fence.	67+70	-1+00	$0	1/16/2007		JM-01/24/07	$39
10	Need to fix/replace broken sand fence.	65+10	-0+10	$0	1/16/2007		JM-01/24/07	$78
11	Need to remove the sand fence roll and metal conduit.	63+20	-0+90	$0	1/17/2007		JM-01/24/07	$29
12	Need to remove fence stakes and wire wraps.	50+60	-0+10	$0	1/17/2007		JM-01/24/07	$29
13	Need to remove the oil container, lid, and miscellaneous debris.	41+10	0+30	$0	1/16/2007		JM-01/24/07	$29
14	Need to remove sand fence alignment stakes.	32+60	0+10	$0	1/16/2007		JM-01/24/07	$29

Punch List for the Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract Number: WC133F-05-CN-1279

	Item	Station	Range	Dollar Amount Held	Date Completed	Comments	Sign Off Date	Dollar Amount Released
15	Need to secure sand fence and remove debris.	32+10	-0+70	$0	1/16/2007		JM-01/24/07	$233
16	Need to fix the tall fence post such that the requirements specified in TP 32.2.1 are met.	33+20	-0+70	$0	1/18/2007		JM-01/24/07	$29
17	Need to remove sand fence debris.	30+70	-0+90	$0	1/17/2007		JM-01/24/07	$29
18	Need to secure flapping sand fence.	29+30	0+00	$0	1/17/2007		JM-01/24/07	$39
19	Need to remove sand fence debris.	30+00	-1+80	$0	1/16/2007		JM-01/24/07	$29
20	Need to remove the burlap wrap.	25+40	-0+10	$0	1/16/2007		JM-01/24/07	$29
21	Need to remove the partially buried wire cable.	24+10	-0+40	$0	1/16/2007		JM-01/24/07	$29
22	Need to remove the partially buried wire cable.	23+10	-0+40	$0	1/25/2007		JM-01/31/07	$29
23	Need to remove the hydraulic hose.	14+30	-1+60	$0	1/16/2007		JM-01/24/07	$29
24	Need to remove the PVC pipe.	7+20	-8+30	$0	1/16/2007		JM-01/24/07	$29
25	Need to fix/replace broken sand fence.	126+00	1+40	$0	1/17/2007		JM-01/24/07	$78
26	Need to secure flapping sand fence.	115+00	0+20	$0	1/17/2007		JM-01/24/07	$39
27	Need to submit beach as-built electronic survey data between Station 98+00 and Station 145+77.			$0	1/24/2007	Note-The electronic copy contains the following errors: (1). The profile labeled as 104+22/104+00 should be labeled as 104+22. (2). The profile labeled as 113+90/114+00 should be labeled as 113+90. (3). The profile labeled as 118+74/119+00 should be labeled as 118+74. (4). The profile labeled as 145+77/146+00 should be labeled as 145+77.	JM-01/31/07	$3,447,222
28	Please submit borrow area pre-construction electronic survey data.			$0	1/19/2007		JM-01/31/07	$0
29	Please submit sand fence as-built electronic survey data.			$0	1/19/2007		JM-01/24/07	$212,273

Punch List for the Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract Number: WC133F-05-CN-1279

	Item	Station	Range	Dollar Amount Held	Date Completed	Comments	Sign Off Date	Dollar Amount Released
30	*Please submit Oil Infrastructure Access Canal longitudinal as-built*			*$0*	*1/19/2007*		*JM-01/24/07*	*$0*
31	*Please submit Robinson Canal longitudinal as-built electronic survey data.*			*$0*	*1/19/2007*		*JM-01/24/07*	*$0*
32	*Please submit borrow area cut dates (overburden and sand) in AutoCAD format.*			*$0*	*1/24/2007*		*JM-01/31/07*	*$0*
33	*Immediately issue a Notice to Mariners - Change in Bathymetry.*			*$0*	*1/19/2007*		*JM-01/24/07*	*$250*
34	Survey all areas that are higher than the preconstruction survey within 60 days and submit data to the COTR. The format of the survey data shall follow the specifications listed in TP 37.			$0	10/30/2008	Note-Will be surveyed and submitted within 60 days (3/19/07).	JM-10/30/08	$10,000
35	*Please submit the DQCR for January 7, 2007.*			*$0*	*1/21/2007*		*JM-01/24/07*	*$100*
36	*Please resubmit the following reports with requested corrections: 7/31 DDR, 8/20 DDR, 10/14 DDR, 10/17 DQCR & DDR, 10/22 DQCR, 11/4 DDR, 11/10 DQCR, 11/13 DQCR & DDR, 11/14 DQCR & DDR, 11/18 DDR, and 11/23 DDR.*			*$0*	*1/21/2007*		*JM-01/24/07*	*$350*
37	*Please submit the meeting minutes for the January 10, 2007 site inspection.*			*$0*	*1/18/2007*		*JM-01/24/07*	*$189*
Total Dollar Amount Held for Punch List Items:				$0		Total Dollar Amount Released for Punch List Items:		$3,671,606

COASTAL PLANNING & ENGINEERING, INC.

2481 NW BOCA RATON BOULEVARD, BOCA RATON, FL 33431

561-391-8102 PHONE 561-391-9116 FAX
INTERNET: http://www.coastalplanning.net
e-mail: mail@coastalplanning.net

7261.25

October 21, 2008

Jason Manthey
Contracting Officer Technical Representative
U.S. Department of Commerce
Central Administrative Support Center
601 E. 12th Street, Room 1749
Kansas City, MO 64106-2808

Re: Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract No. WC133F-05-CN-1279
Mound Dispersion

Dear Jason:

I have reviewed the September 28, 2008 bathymetric survey data provided by Weeks Marine. The survey was performed along similar lines collected in July 2007 and November 2007. The data suggests that the mound has been leveled. The bathymetry in the vicinity of the survey shows that infilling of the borrow area has resulted in the existing bathymetry being mostly below the pre-construction bathymetry. Some areas are still higher than the pre-construction survey but the vertical difference is less than one foot. The bathymetric survey did not show any remaining areas that were higher than approximately -15 feet, NAVD.

The navigation threat posed by the mound is no longer a concern and vessel damage can no longer be attributable to the project. There is no need for Weeks Marine to continue to survey this area or attempt to level the mound. I recommend releasing Weeks Marine from this requirement.

We are aware that WMI had received permits to level the mound though apparently no action had been taken as yet to level the mound. It appears that the change in bathymetry is due to the passage of Hurricanes Gustav and Ike, which were low frequency (one in nine to one in forty year) storm events (based on storm surge values measured at Grand Isle). Regardless, the risk to navigation has been removed.

Please call me if you have any questions.

Very truly yours,

COASTAL PLANNING & ENGINEERING, INC.

G. J. Thomson

Gordon Thomson, P.E
Senior Coastal Engineer

cc: Pamela Stichweh, USDOC
Rachel Sweeney, NMFS
Russ Joffrion, P.E., CPRA
Andrew Wycklendt, CPE

P:\Louisiana\7261.30 - Lessons Learned Meeting\Letter - Manthey - Mound Acceptance - 10-21-08.Doc

APPENDIX C

GENERAL CORRESPONDENCE

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

17 November 2005

Serial Letter No.: H-07

Attention: Pamela L. Wittler-Stichweh, Contracting Officer
Contracting Officer

Reference: Contract WC133F-05-CN-1279
Written Partial Notice to Proceed Construction Services –
Construction of Chaland Headland Restoration (BAS 38-2) SWPPRA Project, Gulf of Mexico, Plaquemines Parish, Louisiana

Subject: Acknowledged Notice to Proceed

Ms. Stichwey:

Enclosed please find the acknowledged original of the Notice to Proceed for the above referenced contract.

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Larry J. DaVico
Division Engineer
Bucket, Hopper and Hydraulic Groups

Enclosure

cc: Contract File
Jason Manthey, COR, NOAA (fax)
Rachel Sweeney, Proj. Mgr., NOAA
Gordon Thomson, CPE

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NOAA ACQUISITION MANAGEMENT
Central Region Acquisition Division
Federal Building, Room 1756
601 East 12th Street
Kansas City, Missouri 64106-2877

November 15, 2005

Mr. Eric Ellefsen
Weeks Marine, Inc.
304 Gaille Drive,
Innwoods Business Park
Covington, Louisiana 70433

SUBJECT: Written Notice To Proceed Construction Services – Construction to Restore Chaland Headland Area (BA 38-2) CWPPRA Project, along the Gulf of Mexico, Plaquemines Parish, Louisiana.

Dear Mr. Ellefsen:

This letter is written Notice to Proceed to provide all labor, materials, and supervision to perform the Construction to Restore the Chaland Headland Area (BA 38-2) CWPPRA Project under Contract No. WC133F-05-CN-1279 in accordance with the Solicitation No. WC133F-05-RB-1021.

You shall begin performance no later than ten (10) days after receipt of this Notice to Proceed. The completion time for this project is 235 calendar days from receipt of Notice to Proceed.

I will be performing Administrative Contracting Officer duties and can be reached at (816) 426-2067. Jason Manthey is the Contracting Officers Representative and should be contacted regarding any matter connected with the technical aspects of the work, inspection, or acceptance of work and/or services furnished by your firm. Mr. Manthey can be reached at (816) 426-7841 or by mobile phone at (225) 354-5723.

You are cautioned not to initiate or perform any work not included in the signed Contract dated August 24, 2005. You are further cautioned that if any person other than the Contracting Officer suggests a change affecting the scope of work, completion period, or the cost of the Contract, you should contact the Contracting Officer immediately before undertaking any such work. Such changes can only be made with the expressed prior written authorization of the Contracting Officer.

You should proceed immediately to begin performance to accomplish the work pursuant to the provisions of the Contract. We request that you sign, date, and return the original, retaining the copy for your files.

If you have any questions please contact me at 816-426-2067.

Sincerely,

Pamela L. Wittler-Stichweh
Contracting Officer

Cc: Jason Manthey - COR
Roger McCollum – ACOR
Rachel Sweeney
Erik Zobrist
Gordon Thomson (CPE)

"I hereby acknowledge receipt of the Notice to Proceed."

Weeks Marine, Inc.

Name: V. STEPHEN CHATRY

Title: VICE PRESIDENT

Date: 11/16/05

E-MAILED
United States Coast Guard
501 Magazine Street
New Orleans, Louisiana 7013

13 March 2006
Serial Letter No. 12050258-29

Attention: Mr. Rick Barrett

Reference: Contract No. WC1330-05-CN-1279
Dredging for the Construction of Chaland Headland
Restoration Project, Gulf of Mexico, Plaquemines Parish, Louisiana

Subject: Notice to Mariners

Dear Sir;

Weeks Marine, Inc. requests that a Notice to Mariners be issued cautioning all vessels to exercise care and reduce speed in the Robinson Canal, Lake Washington Oil and Gas Field, Plaquemines Parish, Louisiana. The Weeks Marine, Inc. bucket dredge #542 will be performing dredging operations in the Robinson Canal between the following coordinates:

Lat. N 29° 21' 05.56"	Long W 89° 45' 16.97" and
Lat N 29° 18' 20.35"	Long W 89° 45' 36.79"

Dredged materials will be deposited adjacent to the channel.

A quarter barge will be moored in Billet Bay while the dredging is performed in Robinson Canal. The dredge and attendant plant should arrive and commence dredging on approximately 21 March 2006. Once underway operations will continue on a twenty-four (24) hours per day, seven days per week basis and is expected to be complete on or about 04 April 2006. Your office will be notified immediately if there are any changes to our schedule. Mariners are urged to use extreme caution and transit the area at their slowest safe speed to create minimum wake.

After arrival at the jobsite, the crew aboard the dredge will monitor marine VHF channels 13 & 16. The field contacts are Mr. Mike Thompson and Mr. Tim Vestal. Mr. Thompson's cell phone number is (985) 991-9055. Mr. Vestal's cell phone number is (985) 991-9053. The cell phone number aboard the dredge is (985) 860-0502.

If you have any questions or require additional information, please contact me at (985) 875-2525.

Sincerely yours,
WEEKS MARINE, INC.

Charles R. Balentine
Office Engineer

Cc:	Rachel Sweeney	Charles Granger	
	Jason Manthey	Larry DaVico	
	Gordon Thomson	Gary Johnson	
	Mike Ernst	Jerry Deville	Correspondence File
	Steve Chatry	Barbara Loneker	

United States Coast Guard
501 Magazine Street
New Orleans, Louisiana 7013

23 May 2006
Serial Letter No. 12050258-41

Attention: Mr. Rick Barrett

Reference: Contract No. WC133F-05-CN-1279
Dredging for the Construction of Chaland Headland
Restoration Project, Gulf of Mexico
Plaquemines Parish, Louisiana

Subject: Notice to Mariners

Dear Sir;

Weeks Marine, Inc. requests that a Notice to Mariners be issued cautioning all vessels to exercise care and reduce speed in the Gulf of Mexico approximately 1.5 miles south of Pass Ronquille, Plaquemines Parish, Louisiana. The Weeks Marine, Inc. cutterhead dredge Tom James will be excavating material from a borrow area for beach fill and marsh creation between Pass La Mer and Chaland Pass. Dredged materials will be transported to the beach using a combination of floating and submerged dredge pipeline. The dredge and attendant plant will have all required lighting for night operations.

Mobilization of pipeline and attendant plant should commence on or about 24 May 2006 and dredging operations should begin on or about 03 June 2006. Once underway operations will continue on a twenty-four (24) hours per day, seven days per week basis and are expected to be complete on or about 20 October 2006. Your office will be notified immediately if there are any changes to our schedule. Mariners are urged to use extreme caution and transit the area at their slowest safe speed to create minimum wake.

After arrival at the jobsite, the crew aboard the dredge will monitor marine VHF channels 13 & 16. The cell phone number aboard the dredge is (985) 237-5014.

If you have any questions or require additional information, please contact me at (985) 875-2525.

Sincerely yours,
WEEKS MARINE, INC.

Charles R. Balentine
Office Engineer
Bucket, Hopper, & Hydraulic Groups

Enclosure

Cc: Jason Manthey, Department of Commence, NOAA
Mike Ernst
Steve Chatry
Larry DaVico
Charles Granger
Gary Johnson
Captain Frank Gill
Alberto Saaverdra
Barbara Loneker
Correspondence File

Weeks Marine Inc.
Dredging Division
304 Gaille Drive
Covington, LA 70433
(985) 875-2500

19 January 2007

E-MAILED
United States Coast Guard
501 Magazine Street, Room 1230
New Orleans, Louisiana 70130

Serial Letter No. 12050258-43

Attention: Mr. Rick Barrett

Reference: Contract No. WC133F-05-CN-1279
Dredging for the Construction of Chaland Headland
Restoration Project, Gulf of Mexico
Plaquemines Parish, Louisiana

Subject: Notice to Mariners

Dear Sir;

Weeks Marine, Inc. requests that a Notice to Mariners be issued cautioning all vessels to exercise care in the Gulf of Mexico approximately 1.5 miles south of Pass Ronquille, Plaquemines Parish, Louisiana. A shoal area within the following coordinates has a water depth of ten feet.

1	Lat 29° 17' 51.17028"	Long 89° 49' 23.13078"
2	Lat 29° 17' 48.47458"	Long 89° 49' 18.61629"
3	Lat 29° 17' 50.51420"	Long 89° 49' 22.05306"
4	Lat 29° 17' 35.48709"	Long 89° 49' 22.21129"

The material is very light and natural elements are leveling the area. Please run the Notice to Mariners for approximately 90 days starting today.

If you have any questions or require additional information, please contact me at (985) 875-2525 or crbalentine@weeksmarine.com.

Sincerely yours,

WEEKS MARINE, INC.

Charles R. Balentine
Office Engineer
Bucket, Hopper, & Hydraulic Groups

Cc: Mike Ernst
Steve Chatry
Charles Granger
Gary Johnson
Barbara Loneker
Correspondence File

Weeks Marine Inc.
Dredging Division
304 Gaille Drive
Covington, LA 70433
(985) 875-2500

17 April 2007

E-MAILED
United States Coast Guard
501 Magazine Street, Room 1230
New Orleans, Louisiana 70130

Serial Letter No. 12050258-44

Attention: Mr. Rick Barrett

Reference: Contract No. WC133F-05-CN-1279
Dredging for the Construction of Chaland Headland
Restoration Project, Gulf of Mexico
Plaquemines Parish, Louisiana

Subject: Notice to Mariners

Dear Sir;

Weeks Marine, Inc. requests that a Notice to Mariners be issued cautioning all vessels to exercise care in the Gulf of Mexico approximately 1.5 miles south of Pass Ronquille, Plaquemines Parish, Louisiana. A shoal area within the following coordinates has a water depth of ten feet.

1	Lat 29° 17' 51.17028"	Long 89° 49' 23.13078"
2	Lat 29° 17' 48.47458"	Long 89° 49' 18.61629"
3	Lat 29° 17' 50.51420"	Long 89° 49' 22.05306"
4	Lat 29° 17' 35.48709"	Long 89° 49' 22.21129"

The material is very light and natural elements are leveling the area. Please run the Notice to Mariners for approximately 90 days starting today.

If you have any questions or require additional information, please contact me at (985) 875-2525 or crbalentine@weeksmarine.com.

Sincerely yours,

WEEKS MARINE, INC.

Charles R. Balentine
Office Engineer
Bucket, Hopper, & Hydraulic Groups

Cc: Mike Ernst
Steve Chatry
Charles Granger
Gary Johnson
Barbara Loneker
Correspondence File

Weeks Marine Inc.
Dredging Division
304 Gaille Drive
Covington, LA 70433
(985) 875-2500

15 August 2007

E-MAILED
United States Coast Guard
501 Magazine Street, Room 1230
New Orleans, Louisiana 70130

Serial Letter No. 12050258-45

Attention: Mr. Rick Barrett

Reference: Contract No. WC133F-05-CN-1279
Dredging for the Construction of Chaland Headland
Restoration Project, Gulf of Mexico
Plaquemines Parish, Louisiana

Subject: Notice to Mariners

Dear Sir;

CONTINUING UNTIL FURTHER NOTICE, Weeks Marine, Inc. requests that a Notice to Mariners be issued cautioning all vessels to exercise care in the Gulf of Mexico approximately 1.5 miles south of Pass Ronquille, Plaquemines Parish, Louisiana. The area has a water depth of 10 feet at some locations. The area is within the following coordinates:

1	Lat 29° 17' 51.17028"	Long 89° 49' 23.13078"
2	Lat 29° 17' 48.47458"	Long 89° 49' 18.61629"
3	Lat 29° 17' 50.51420"	Long 89° 49' 22.05306"
4	Lat 29° 17' 35.48709"	Long 89° 49' 22.21129"

If you have any questions or require additional information, please contact me at (985) 875-2525 or crbalentine@weeksmarine.com.

Sincerely yours,

WEEKS MARINE, INC.

Charles R. Balentine
Office Engineer
Bucket, Hopper, & Hydraulic Groups

Cc: Steve Chatry
Mike Ernst
Charles Granger
Gary Johnson
Teresa Olivo
Correspondence File

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(561) 391-8102 Fax: (561) 391-9116
Internet: http://www.coastalplanning.net
E-mail: mail@coastalplanning.net

7261.25

May 8, 2006

Jason Manthey
Contracting Officer Technical Representative
U.S. Department of Commerce
Central Administrative Support Center
601 E. 12th Street, Room 1749
Kansas City, MO 64106-2808

Re: Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract No. WC133F-05-CN-1279
As-built Survey Certification

Dear Jason:

This letter is in response to Weeks Marine's assertion that the as-built surveys for the Chaland Headland Restoration Project do not need to be certified.

During the bi-weekly meeting Gary Johnson indicated that it was Weeks Marine's opinion that the as-built surveys for the project do not have to be certified. Technical Provision 19.3 (TP-19.3) states that all survey work must be performed by a surveyor registered in the State of Louisiana. However, Weeks Marine is claiming that this only applies to the layout of work for hydraulic fill placement and not the as-built surveys. The e-mail from Gary Johnson dated May 4, 2006 states that, "All field surveys for pay applications and final as-builts will be performed in accordance with TP-7 thru TP-17". The exclusion of TP-19.3 in this statement indicates to me that Weeks Marine will not be submitting certified as-built surveys.

I recommend that the Government confirm, in writing, that Weeks Marine is not currently planning to submit certified as-built drawings.

I disagree with the assertion that the specifications do not require the as-built surveys to be certified. TP-8.2 and TP-9.2 requires that, "Payment surveys shall be performed by a land surveyor employed by the Contractor". Louisiana Statute 37:682 (7) defines a "land surveyor" as "an individual who is qualified to practice land surveying, as evidenced by his licensure as such by the board".

Furthermore, Louisiana Professional Engineer and Land Surveyor Board Rule 2701(4)(a)(i) states that, "The licensee shall affix his/her seal, sign his/her name, and place the date of execution on all engineering and land surveying documents that have been issued by the licensee to a client or any public or governmental agency as completed work".

Therefore, it is my interpretation that the specifications require that a licensed land surveyor have responsible charge over the as-built surveys and that certified surveys be submitted for payment.

Please call me if you have any questions.

Sincerely,

COASTAL PLANNING & ENGINEERING, INC.

G. Thomson

Gordon G. Thomson, P.E.
Coastal Engineer

cc: Brian Kendrick, CPE-LA
Tom Campbell, P.E., CPE
Andrew Wycklendt, CPE

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7261.25

May 23, 2006

Gary Johnson
Weeks Marine, Inc.
304 Gaille Dr
Covington, LA 70433

Re: Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract No. WC133F-05-CN-1279
Pre-construction Survey Submittal

Dear Gary:

We received WMI's pre-construction survey submittal for the above referenced project. The submittal is incomplete, as the submittal has not been certified by a Louisiana registered land surveyor and field notes (TP 35.4) were not included in the package.

Please submit a letter certifying the pre-construction survey and the field notes by Thursday May 25 at 4 pm. If the required data is not received, the submittal package will be disapproved and will need to be resubmitted.

Please call me if you have any questions.

Sincerely,

COASTAL PLANNING & ENGINEERING, INC.

G. Thomson

Gordon G. Thomson, P.E.
Coastal Engineer

cc: Jason Manthey, NOAA
Larry DaVico, WM

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UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER
Project Planning & Management, Eastern Region
601 East 12th Street, Room 1749
Kansas City, Missouri 64106

May 23, 2006

Gary Johnson
Weeks Marine, Incorporated
304 Gaille Drive
Covington, Louisiana 70433

Re: Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract No. WC133F-05-CN-1279
Professional Licensed Surveyor (PLS) Requirements

Dear Mr. Johnson

During the May 3rd bi-weekly meeting, you indicated that it was WMI's opinion that the as-built and payment surveys for the above referenced project do not have to be certified by a Professional Licensed Surveyor (PLS). Additionally, an email from you dated May 4, 2006, states that all field surveys for pay applications and final as-builts will be performed in accordance with Technical Provisions (TP)-7 through TP-17, however, this email does not reference the licensure requirements described in TP 19.4.

The Government wishes to confirm, in writing, that it is WMI's intent to comply with all survey requirements of the subject contract, including 1) causing the survey work to be performed under the supervision/direction of a PLS licensed in the State of Louisiana and 2) submitting certified payment surveys and as built drawings.

The Government notes that TP-19.3 states that all survey work must be performed by a surveyor registered in the State of Louisiana. In TP-8.2 and -9.2, the contract documents require that payment surveys shall be performed by a "land surveyor employed by the Contractor." Louisiana Statute 37:682(7) defines "land surveyor" as "an individual who is qualified to practice land surveying, as evidenced by his licensure as such by the board." Furthermore, Louisiana Professional Engineer and Land Surveyor (LAPELS) Board Rule 2701(4)(a)(1) states that "The licensee shall affix his/her seal, sign his/her name, and place the date of execution on all engineering and land surveying documents that have been issued by the licensee to a client or any public or governmental agency as completed work." Also, the contract documents state that the Contractor will use a surveyor registered in the state of Louisiana, and that such surveyor will be responsible for <u>all</u> survey work and will certify <u>all</u> survey work (TP-19.3)(emphasis added).

The Government also notes that WMI's Survey Plan, as required by TP-36.2, was prepared by its listed subcontractor, C&C Technologies, and submitted for Government review on October 6, 2005. The survey plan was accepted by the Government on October 13, 2006. The plan states that "all survey work will be conducted in accordance with the Technical Provisions of the project." As part of the survey plan, resumes for Professional Licensed Surveyors were submitted

to the Government, clearly indicating that WMI understood and accepted the requirements for having pre-construction and as-built surveys performed under the direction of a licensed surveyor.

To certify the work, the PLS must be in "responsible charge" of the work, per LAPELS Board Rule 2301 (A)(1)(D). The contract documents and LAPELS board rules do not require that all field data acquisition, data processing, etc., must be performed directly by a PLS. The work may be supervised or overseen by a PLS employed directly by WMI, or employed through sub-contract to WMI.

Acquisition of accurate payment survey information is critical to ensuring the success of this project. The Government requests that WMI respond, at your earliest convenience, regarding your company plans for meeting the technical requirements relating to payment and as-built surveys.

Sincerely,

Jason L. Manthey, COTR

Jason L. Manthey
Contracting Officer's Representative (COTR)

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E-mail: mail@coastalplanning.net

7261.25

June 19, 2006

Gary Johnson
Weeks Marine, Inc.
304 Gaille Dr
Covington, LA 70433

Re: Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract No. WC133F-05-CN-1279
Beach Fill Hold Point Inspection – Sta 5+00 to Sta 53+40

Dear Gary:

Andrew Wycklendt, Barry Richard, and Brian Kendrick performed a hold point inspection for the beach layout on June 7, 2006 between Sta 5+00 and Sta 53+40. Staking was sufficient for the Government to approve construction within this area.

Weeks Marine may place beach fill between Sta 5+00 and Sta 53+40.

Please call me if you have any questions.

Sincerely,

COASTAL PLANNING & ENGINEERING, INC.

G. Thomson

Gordon G. Thomson, P.E.
Coastal Engineer

cc: Jason Manthey, NOAA
Andrew Wycklendt, CPE
Jonathan Rager, CPE

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E-mail: mail@coastalplanning.net

7261.25

June 19, 2006

Gary Johnson
Weeks Marine, Inc.
304 Gaille Dr
Covington, LA 70433

Re: Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract No. WC133F-05-CN-1279
Beach Fill Hold Point Inspection

Dear Gary:

Jason Manthey and I performed a hold point inspection for the beach layout on June 15, 2006 between Sta 53+40 and Sta 106+64. Additional labeling of the grade stakes is required between Sta 63+08 and Sta 72+75 but the staking was sufficient for the Government to approve construction within this area.

Weeks Marine may place beach fill between Sta 53+40 and Sta 106+64.

Please call me if you have any questions.

Sincerely,

COASTAL PLANNING & ENGINEERING, INC.

G. Thomson

Gordon G. Thomson, P.E.
Coastal Engineer

cc: Jason Manthey, NOAA
Andrew Wycklendt, CPE
Jonathan Rager, CPE

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(561) 391-8102 Fax: (561) 391-9116
Internet: http://www.coastalplanning.net
E-mail: mail@coastalplanning.net

7261.25

September 22, 2006

Gary Johnson
Weeks Marine, Inc.
304 Gaille Dr
Covington, LA 70433

Re: Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract No. WC133F-05-CN-1279
Beach Fill Hold Point Inspection

Dear Gary:

Jason Manthey, Rachel Sweeney, and I performed a hold point inspection for the beach layout on September 21, 2006 between Sta 111+48 and Sta 150+19. Staking of the beach fill layout was sufficient for the Government to approve construction within the area. Staking of pipelines in the fill footprint was also observed. However, pipelines oriented north-south in the vicinity of Sta 149+00 and the no excavation area in the vicinity of Sta 130+00 were not staked. The Government requests that these items be clearly marked.

Weeks Marine may place beach fill between Sta 111+48 and Sta 150+19 but is reminded that there are several pipelines in this area and the Contractor should exercise caution.

Please call me if you have any questions.

Sincerely,

COASTAL PLANNING & ENGINEERING, INC.

G. J. Thomson

Gordon G. Thomson, P.E.
Coastal Engineer

cc: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Andrew Wycklendt, CPE
Catherine Moran, CPE

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WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

December 21, 2006

NOTICE OF COMPLETION

Effective at **08:00** hours on **January 5, 2006** work described under CONTRACT **No. WC133F-05-CN-1279**, Construction of the Chaland Headland Restoration (BA382) CWPPRA Project for Department of Commerce/NOAA, will be substantially and usably complete with the following exceptions: (none). We request that the Final Inspection be arranged as soon as possible after the above date.

By: Gary W. Johnson
Gary W Johnson
PROJECT MANAGER
WEEKS MARINE, Inc.

DCA DSMP
Certificate # C-003-1

APPENDIX D

CONTRACT MODIFICATIONS

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
	1	3

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
0001	Jul 8, 2005	NAAJ8700-5-00026	

6. Issued By — Code AJ830023
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106

7. Administered By (If other than Item 6) — Code
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106

8. Name and Address of Contractor (No., Street, County, and Zip Code)

(X)	
	9A. Amendment of Solicitation No. WC133F-05-RB-1021
X	9B. Date (See Item 11) Jun 16, 2006
	10A. Modification of Contract/Order No.
	10B. Date (See Item 13)

Code | Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended [X] is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If required)
$

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in Item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) Set fourth Item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [ ] is required to sign this document and return copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DREDGING FOR THE CONSTRUCTION OF CHALAND HEADLAND RESTORATION PROJECT, GULF OF MEXICO, LOUISIANA

The solicitation is hereby amended as follows:

1. SF1442, SOLICITATION, OFFER, AND AWARD, Page 1 is hereby deleted and replaced with the attached SF1442, SOLICITATION, OFFER, AND AWARD. Submission of Bid, Block 8 "Address Offer to" has been changed. Please submit bids to the address stated in Block 8.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)		16A. Name and title of Contracting Officer (Type or Print)	
15B. Contractor/Offeror (Signature of person authorized to sign)	15C. Date Signed	16B. United States of America (Signature of Contracting Officer)	16C. Date Signed

2. Section C, Description/Specifications/Work Statement, Page 8 is hereby deleted and replaced with revised page of same name, attached.

3. Section I, Contract Clauses, Page 18 is hereby deleted and replaced with revised page of same name, attached.

4. Section L, Instructions, Conditions, and Notices to Offerors, Page 35 is herey deleted in its entirety.

5. Drawing Number BA-4 dated 11/07/03 is hereby deleted and replaced with Drawing Number BA-4 dated 6/24/05.

SOLICITATION, OFFER, AND AWARD (Construction, Alteration, or Repair)	1. Solicitation No. WC133F-05-RB-1021	2. Type of Solicitation [X] Sealed Bid (IFB) [ ] Negotiated (RFP)	3. Date Issued Jun 16, 2005	Page of Pages 1 of 35

IMPORTANT – The "offer" section on the reverse must be fully completed by offeror.

4. Contract No.	5. Requisition/Purchase Request No. NAAJ8700-5-00026	6. Project No.

7. Issued By	Code AJ830023	8. Address Offer to	Code
U.S. DEPT OF COMMERCE/NOAA CENTRAL REGION ACQUISITION DIVISION 601 EAST 12TH STREET, RM. 1756 KANSAS CITY, MO 64106		U.S. DEPT of COMMERCE/NOAA CENTRAL REGION ACQUISITION DIVISION 601 E. 12TH STREET, ROOM 1756 KANSAS CITY, MO 64106	

9. For Information Call:	A. Name	B. Telephone No. (Include area code) (No Collect Calls)
	JEAN M. JENNINGS (ID JMJ)	816-426-7458 Jeanie.m.jennings@noaa.gov

SOLICITATION

NOTE: In sealed bid solicitation "offer" and "offeror" mean "bid" and "bidder"

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS: *(Title, Identifying No., Date)*

DREDGING FOR THE CONSTRUCTION OF CHALAND HEADLAND RESTORATION PROJECT, GULF OF MEXICO, LOUISIANA

The Contractor shall furnish all submittals, labor, material, equipment and supervision to Dredge the Chaland Headland Restoration (BA 38-2) CWPPRA Project. This restoration project consists of the dredging and placement of approximately 950,200 cubic yards of marsh fill and 1,792,200 cubic yards of beach and dune fill to be borrowed from a designated site in the Gulf of Mexico. Project features also include the construction of about 20,294 linear feet of containment dikeage and closure of a tidal breach along this 2.5 mile barrier shoreline. Project specifications require the construction of about 219 acres of marsh platform on the bay side of the island at an elevation of +2.5 feet NAVD. Project Specifications also require the construction of about 14,000 linear feet of dune to an elevation of +6 feet NAVD with a crest width of approximately 280 feet and placement of beach fill on the gulf side of the island. The slope of the beach and dune fill template is one (1) foot vertical to forty-five (45) feet horizontal along both the bay and gulf sides of the dune.

The estimate construction cost if this project is over $10 Million.

THIS PROCUREMENT IS UNRESTRICTED. The NAICS code is 237990.

11. The Contractor shall begin performance within 7 calendar days and complete it within 235 calendar days after receiving the [ ] Award, [X] notice to proceed. This performance period is [X] mandatory [ ] negotiable. *(See page 11, paragraph F.2)*

12A. The Contractor must furnish any required performance and payment bonds? *(If "YES", indicate within how many calendar days after award in item 12B.)* [X] Yes [ ] No	12B. Calendar Days 7

13. Additional Solicitation Requirements:

A. Sealed offers in original and 2 copies to perform the work required are due at the place specified in Item 8 by 02:00 PM (hour) local time Jul 19, 2005 (date). If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

B. An offer guarantee [X] is [ ] is not required.

C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

D. Offers providing less than 60 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

SECTION C

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 1352.211-70 STATEMENT OF WORK/SPECIFICATIONS (MARCH 2000)

The Contractor shall furnish the necessary personnel, material, equipment, services and facilities (except as otherwise specified): to perform the Statement of Work/Specifications referenced as an attachment in Section J.

C.2 1352.217-102 GOVERNMENT REVIEW, COMMENT, ACCEPTANCE, AND APPROVAL (JAN 1987)

(a) Documentation, including drawings and other engineering products and reports, required by the contract to be submitted for review, comment, acceptance or approval will be acted upon by the Government within 30 calendar days after receipt by the Government, unless another period of time is specified.

(b) Review, comment, acceptance or approval by the Government as required under this contract and applicable specifications shall not relieve the Contractor of its obligation to comply with the specifications and with all other requirements of the contract, nor shall it impose upon the Government any liability it would not have had in the absence of such review, comment and acceptance or approval.

(End of Clause)

C.3 1352.237-70 REPORTS (MARCH 2000) **See Specifications for list of required reports.**

a. Progress Reports

The Contractor shall submit, to the Government, a progress report every ** after the effective date of the contract, and every ** thereafter during the period of performance. The Contractor shall prepare a progress report advising of the work completed during the performance period, the work forecast for the following period, and the names, titles and number of hours expended for each of the Contractor's professional personnel assigned to the contract, including officials of the Contractor. The report shall also include any additional information--including findings and recommendations--that may assist the Government in evaluating progress under this contract. The first report shall include a detailed work outline of the project and the Contractor's planned phasing of work by reporting period.

b. Final Report

Within ____**____ days of completion of the performance period, the Contractor shall submit, to the Government, a comprehensive draft report containing the Contractor's findings and recommendations. The report shall conform to the requirements of the contract, and include all necessary data, maps and exhibits to support findings and recommendations. It shall include a recapitulation of the amount of hours expended by each of the Contractor's employees, including officials of the Contractor. The report shall also include a brief summary, including short statements on the project's objectives, scope, methodology, information obtained, and conclusions. The Government will review the draft and return it to the Contractor within thirty (30) days after receipt with comments and instructions for a format to be used in the preparation of the final report. The Contractor shall incorporate the comments into a final report and furnish the Government with ____**____ copies upon contract completion.

c. In the event the Government does not return the draft copy of the report to the Contractor within the prescribed period, the Contractor shall be permitted an extra day for each day of delay caused by the Government. The Government shall not be liable for increased costs by reason of any such delay.

I.17 52.214-29 ORDER OF PRECEDENCE--SEALED BIDDING (JAN 1986)
(Reference)

I.18 52.215-15 PENSION ADJUSTMENTS AND ASSET REVERSIONS (JAN 2004)
(Reference)

I.19 52.215-18 REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS (OCT 1997)
(Reference)

I.20 52.215-19 NOTIFICATION OF OWNERSHIP CHANGES (OCT 1997)
(Reference)

I.21 52.215-21 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS (OCT 1997)
(Reference)

I.22 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS (MAY 2004)
(Reference)

I.23 52.219-9 I SMALL BUSINESS SUBCONTRACTING PLAN (JAN 2002)--ALTERNATE I (OCT 2001)
(Reference)

I.24 52.219-16 LIQUIDATED DAMAGES--SUBCONTRACTING PLAN (JAN 1999)
(Reference)

I.25 52.222-3 CONVICT LABOR (JUNE 2003)
(Reference)

I.26 52.222-4 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT--OVERTIME COMPENSATION (JULY 2005)
(Reference)

I.27 52.222-5 DAVIS BACON ACT - SECONDARY SITE OF WORK (JUNE 2005)
(Reference)

I.28 52.222-6 DAVIS-BACON ACT (JULY 2005)
(Reference)

I.29 52.222-7 WITHHOLDING OF FUNDS (FEB 1988)
(Reference)

I.30 52.222-8 PAYROLLS AND BASIC RECORDS (FEB 1988)
(Reference)

I.31 52.222-9 APPRENTICES AND TRAINEES (FEB 1988)
(Reference)

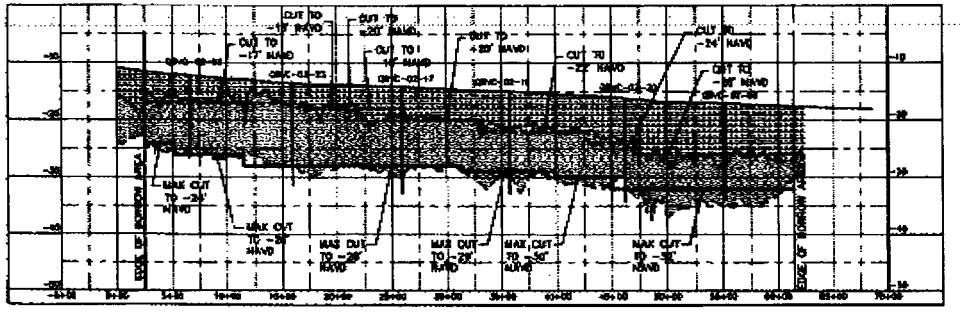
I.32 52.222-10 COMPLIANCE WITH COPELAND ACT REQUIREMENTS (FEB 1988)
(Reference)

I.33 52.222-11 SUBCONTRACTS (LABOR STANDARDS) (JULY 2005)
(Reference)

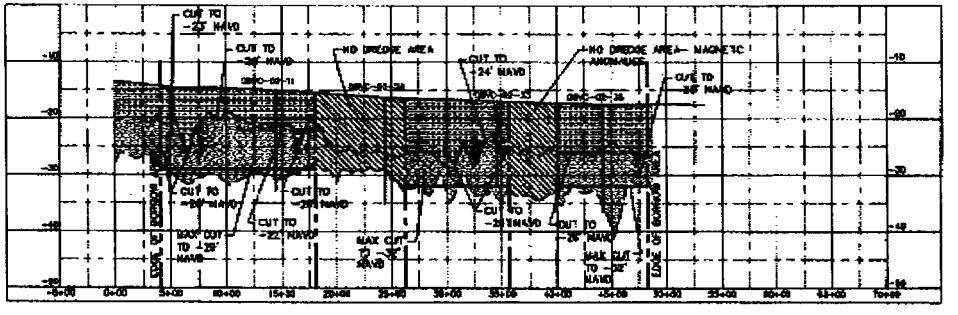
I.34 52.222-12 CONTRACT TERMINATION--DEBARMENT (FEB 1988)
(Reference)

I.35 52.222-13 COMPLIANCE WITH DAVIS-BACON AND RELATED ACT REGULATIONS (FEB 1988)

QUATRE BAYOU BORROW AREA
CROSS SECTION Q1-1'



QUATRE BAYOU BORROW AREA
CROSS SECTION Q2-2'



NOTES:
1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE.
2. VERTICAL THICKNESS OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE SHEETS 6-8 FOR LOCATION OF CROSS SECTION LINES
4. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.

LEGEND:

- BEACH COMPATIBLE SEDIMENTS
- SURFACE SILT/CLAY LAYER
- INTERMITTENT ACOUSTIC REFLECTOR WITHIN SAND DEPOSIT
- OVERBURDEN REMOVAL DREDGE CUTS
- SAND REMOVAL DREDGE CUTS

COASTAL PLANNING & ENGINEERING, INC.
CONSULTING ENGINEERS & SCIENTISTS
2481 NORTH BOULEVARD
BATON ROUGE, LOUISIANA 70806
PH. (225) 383-0703
FAX (225) 383-0711
E.S.A. FL 0000
E.S.A. LA 0000

OAKLAND REDEVELOPMENT AUTHORITY
(BA-38-2)
CHAPITA PROJECT

QUATRE BAYOU BORROW AREA
CROSS SECTIONS

DRAWING NO.
BA-4
SHEET 4 OF 34

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
	1	2

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
0002	Jul 13, 2005	NAAJ8700-5-00026	

6. Issued By Code AJ830023
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106

7. Administered By (If other than Item 6) Code
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106

8. Name and Address of Contractor (*No., Street, County, and Zip Code*)

(X)	9A. Amendment of Solicitation No. WC133F-05-RB-1021
X	9B. Date (*See Item 11*) Jun 16, 2006
	10A. Modification of Contract/Order No.
	10B. Date (*See Item 13*)

Code | Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [ ] is extended [X] is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (*if required*)
$

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (*Specify authority*) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, appropriation date, etc.*) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (*Specify type of modification and authority*)

E. **IMPORTANT:** Contractor [ ] is not, [ ] is required to sign this document and return copies to the issuing office.

14. Description of Amendment/Modification (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.*)

DREDGING FOR THE CONSTRUCTION OF CHALAND HEADLAND RESTORATION PROJECT, GULF OF MEXICO, LOUISIANA

The solicitation is hereby amended as follows:

The date established for Bid Opening is hereby changed from July 19, 2005 to July 27, 2005 at 2:00 PM CDST. Bid must be submitted to the following address:

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (*Type or Print*)		16A. Name and title of Contracting Officer (*Type or Print*)	
15B. Contractor/Offeror (Signature of person authorized to sign)	15C. Date Signed	16B. United States of America (Signature of Contracting Officer)	16C. Date Signed

U. S. Department of Commerce/NOAA
Central Region, Acquisition Division
Room 1756
ATTN: Jennings
601 East 12th Street
Kansas City, MO 64106

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
	1	2

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
0003	Jul 20, 2005	NAAJ8700-5-00026	

6. Issued By	Code AJ830023	7. Administered By (If other than Item 6)	Code
U.S. DEPT OF COMMERCE/NOAA CENTRAL REGION ACQUISITION DIVISION 601 EAST 12TH STREET, RM. 1756 KANSAS CITY, MO 64106		U.S. DEPT OF COMMERCE/NOAA CENTRAL REGION ACQUISITION DIVISION 601 EAST 12TH STREET, RM. 1756 KANSAS CITY, MO 64106	

8. Name and Address of Contractor (*No., Street, County, and Zip Code)*		(X)	9A. Amendment of Solicitation No.
			WC133F-05-RB-1021
		X	9B. Date (*See Item 11)*
			Jun 16, 2006
			10A. Modification of Contract/Order No.
			10B. Date *(See Item 13)*
Code	Facility Code		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [ ] is extended [X] is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (*if required)*
$

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. This change order is issued pursuant to: (*Specify authority)* The changes set forth in item 14 are made in the Contract Order No. in item 10A.
	B. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, appropriation date, etc.)* Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
	C. This supplemental agreement is entered into pursuant to authority of:
	D. Other (*Specify type of modification and authority)*

E. IMPORTANT: Contractor [ ] is not, [ ] is required to sign this document and return copies to the issuing office.

14. Description of Amendment/Modification (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

DREDGING FOR THE CONSTRUCTION OF CHALAND HEADLAND RESTORATION PROJECT, GULF OF MEXICO, LOUISIANA

The solicitation is hereby amended as follows:

1. Within the solicitation documents, particularly the General Conditions, Technical Conditions and Environmental Conditions, any statement which reads "at least seven (7) days prior to the pre-construction conference" is changed to read "within seven (7) days after contract award".

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (*Type or Print)*		16A. Name and title of Contracting Officer (*Type or Print)*	
15B. Contractor/Offeror (Signature of person authorized to sign)	15C. Date Signed	16B. United States of America (Signature of Contracting Officer)	16C. Date Signed

The paragraphs effected by the above change are:

General Conditions:

Paragraph 7.1 page GC-8; Paragraph 8.1 page GC-8;
Paragraph 10.5 page GC-12; Paragraph 10.6 page GC-13;
Paragraph 10.7 page GC-13; Paragraph 10.9 page GC-14;
Paragraph 10.10 page GC-14; Paragrpah 10.11 page GC-15;
Paragraph 10.12 page GC-16; Paragraph 10.13 page GC-16;
Paragraph 18.6 page GC-20; Paragraph 20.2 page GC-28;
Paragraph 21.5 page GC-31; Paragraph 34, page GC-42.

Technical Provision:

Pargraph 3.1 page TP-1; Paragraph 18.1 page TP-11;
Paragraph 26.2 page TP-21; Paragraph 28.2 page TP-21;
Paragraph 30.2 page TP-22; Paragraph 31 page TP-23;
Paragraph 36.2, page TP-29; Paragraph 45, page TP-33

ENVIRONMENTAL PROVISIONS:

Paragraph 6.10, page EP-4; Paragraph 13.1 page EP-7.

2. Insert the following in the Environmental Provisions, paragraph 7.2, Page EP-6:

After "September 15, 2005." add the following: "Contractor shall resume bird patrols on April 1, 2006, for any unaccepted or incomplete beach fill sections. The contractor will be required to resume bird patrols on April 1, 2006 for any beach fill sections that have not been accepted for payment, and on which sand fencing has not been installed and accepted for payment. No patrols of completed sections (beach fill and sand fences) will be required.

APPENDIX E

CHANGE ORDERS

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
	1	2

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
P00001	Dec 21, 2005	AJ830023-6-00486	

6. Issued By — Code AJ830023
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106
PAMELA L. STICHWEH 816-426-2067

7. Administered By (If other than Item 6) — Code
SEE BLOCK 6

8. Name and Address of Contractor (*No., Street, County, and Zip Code*)
WEEKS MARINE INC
4 COMMERCE DRIVE
CRANFORD NJ 070163598

Vendor ID: 00009531
DUNS: 189601636

CAGE: 1RHV3

Code — Facility Code

(X)	9A. Amendment of Solicitation No.
	9B. Date (*See Item 11*)
X	10A. Modification of Contract/Order No. WC133F-05-CN-1279
	10B. Date (*See Item 13*) Aug 24, 2005

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (*if required*)
$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. This change order is issued pursuant to: (*Specify authority*) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
X	B. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, appropriation date, etc.*) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
	C. This supplemental agreement is entered into pursuant to authority of:
	D. Other (*Specify type of modification and authority*)

E. IMPORTANT: Contractor [X] is not, [ ] is required to sign this document and return ____ copies to the issuing office.

14. Description of Amendment/Modification (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.*)

a. Necessity for the Change: To add additional insured information to subject contract for construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (*Type or Print*)		16A. Name and title of Contracting Officer (*Type or Print*) PAMELA L. STICHWEH 816-426-2067 Contracting Officer Pamela.L.Stichweh@noaa.gov	
15B. Contractor/Offeror (Signature of person authorized to sign)	15C. Date Signed	16B. United States of America (Signature of Contracting Officer)	16C. Date Signed Dec 21, 2005

b. The Change. The change is needed to add the following to paragraph H.7 - 1352.228- 70 Insurance Coverage (March 2000) of this contract.

Add Louisiana Land and Exploration/Burlington Resources as an additional insured.

c. Time. There is no change in time as a result of this modification.

d. Payment. There is no change in payment as a result of this modification.

ACORD CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)
1/03/06

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

PRODUCER

FRENKEL & CO., INC.
1740 Broadway – 5th Floor
New York, New York 10019

Phone No. 212-488-1828
Fax No. 212-488-0323

INSURED

Weeks Marine, Inc.
4 Commerce Drive
Cranford, New Jersey 07016-3698

COMPANIES AFFORDING COVERAGE

COMPANY LETTER A Great American Insurance Co. of New York

COMPANY LETTER B Great American Alliance Insurance Co.

COMPANY LETTER C Hartford Underwriters Insurance Co.

COMPANY LETTER D American Club - E Lloyds

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A*	GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS MADE ☒ OCCUR ☐ OWNER'S & CONTRACTOR'S PROT ☐	H797 75 27-05	3/31/05	3/131/06	GENERAL AGGREGATE PRODUCTS-COMP/OP AGG PERSONAL & ADV INJURY EACH OCCURRENCE FIRE DAMAGE (Any one Fire) MED. EXPENSE (Any one person)	$2,000,000 $1,000,000. $1,000,000 $1,000,000. $1,000,000. $
B*	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON-OWNED AUTOS ☐ GARAGE LIABILITY	CAP309936205	3/31/05	3/31/06	COMBINED SINGLE LIMIT BODILY INJURY (Per Person)) BODILY INJURY (Per Accident) PROPERTY DAMAGE	$1,000,000. $ $ $
	EXCESS LIABILITY ☐ UMBRELLA FORM ☐ OTHER THAN UMBRELLA FORM				EACH OCCURRENCE AGGREGATE	$ $
C	WORKER'S COMPENSATION AND EMPLOYERS LIABILITY	10WEGD1294	3/31/05	03/31/06	☒ STATUTORY LIMITS EACH ACCIDENT DISEASE-POLICY LIMIT DISEASE-EACH EMPLOYEE	 $1,000,000 $1,000,000 $1,000,000
D* A* E	OTHER Protection and Indemnity Crew Pollution Liability Excess USL&H	PC119010d PC119010d H 348 99 01-06 A15145002008	2/20/05 2/20/05 3/31/05 3/31/05	2/20/06 2/20/06 3/31/06 3/31/06	LIMIT: $50,000,000 CSL LIMIT: $3,000,000 Insured Retention $1,000,000. LIMIT: $5,000,000 LIMIT: $2,000,000./Insured Retention $1,000,000	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

Re: Chaland Headland Restoration (BA 38-2) SWPPRA Project, along the Gulf of Mexico, Plaquemines Parish, LA; Contract No WC1330-05-CN-1279

*** NOAA PPMD and Louisiana Land & Exploration/Burlington Resources included as Additional Insureds as their interests may appear and as Co-Insureds as per Rules of the American Club under Protection & Indemnity.**

Thirty (30) days advance notification of policy cancellation, non-renewal or adverse change shall be given to Certificate Holder.

CERTIFICATE HOLDER

NOAA PPMD
[illegible] East 12th Street, Room 1749
[illegible]sas City, MO

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES

AUTHORIZED REPRESENTATIVE

ACORD CORPORATION 1990

Post-it® Fax Note 7671	Date 1/10/06	# of pages ▶ 1
To Larry Davies	From Tom Cougan	
Co./Dept.	Co.	
Phone #	Fax #	

WEEKS MARINE, INC.
DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE
304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

12 January 2006

Serial Letter No.: H-18

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Proposal To Dredge Robinson Canal

Mr. Manthey:

Due to shoaling caused by hurricanes Katrina and Rita the northern limits of Robinson Canal have become blocked to navigation. Weeks Marine, Inc. (WMI) requires navigable depths for shallow draft vessels (approx. 5-7 feet of water depth) in Robinson Canal in order to access the project site at Chaland Island. WMI proposes to re-open Robinson Canal by bucket dredging approximately 6,000 feet of the northern end of the canal. Plans for the proposed dredging are attached for your reference. WMI, in conjunction with NOAA, has made financial arrangements to acquire waivers from the holders of oyster leases that may be impacted by this work. The cost of acquiring waivers from the oyster lease holders is included in the pricing list below. The cost to the Government to perform this work is provided in the following lump sum breakdown;

Description	Price	Time
Canal Surveys	$7,500.00	N/A
Mob/Demob	$35.000.00	N/A
Initial Dredging	$92,000.00	14 Days
Add'l Dredging	$45,000.00	7 Days
Oyster Lease Survey	$3,387.00	N/A
Oyster Lease Waivers	$56,000.00	N/A
Lump Sum Price to Dredge and Maintain Robinson Canal	$238,887.00	

Per arrangements made with your Ms. Rachel Sweeney there is no overhead or profit added by WMI to any subcontractor work or oyster lease waiver costs. The Government is only paying for WMI's direct cost on these items.

In addition to these costs WMI will require an extension of the Contract performance period due to the delays caused by our inability to access the project site with our equipment. This extension will be based on the number of days between the date of the Contract NTP and the date that WMI is able to commence Primary Dike Construction at Chaland Island. It is not possible to predict the date of commencement of Primary Dike Construction at this time. Once Primary Dike Construction commences WMI will calculate the duration of delay and submit that data to the Government. The Government will in turn process a Change Order to extend the Contract performance period.

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Larry J. DaVico
Division Engineer

Enclosure(s)

Cc: Contract File
Rachel Sweeney, Project Manager, NOAA (email)
Gordon Thomson, CPE (email)
J. Stephen Chatry, Vice President, WMI (email)
Mike Ernst, General Manager, Hydraulic Group, WMI (email)
Charles Granger, Sr., Operations Manager, Hydraulic Group, WMI
Gary Johnson, Project Manager, WMI (email)
Jerry Deville, Operations Manager, Mechanical Group, WMI (email)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
	1	3

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
0002	Feb 9, 2006	NFFK0000-6-00145	

6. Issued By Code AJ830023
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106
PAMELA L. STICHWEH 816-426-2067

7. Administered By (If other than Item 6) Code
SEE BLOCK 6

8. Name and Address of Contractor (*No., Street, County, and Zip Code*)

WEEKS MARINE INC
4 COMMERCE DRIVE
CRANFORD NJ 070163598

Vendor ID: 00009531
DUNS: 189601636

CAGE: 1RHV3

Code Facility Code

(X)	9A. Amendment of Solicitation No.
	9B. Date (*See Item 11*)
X	10A. Modification of Contract/Order No. WC133F-05-CN-1279
	10B. Date (*See Item 13*) Aug 17, 2005

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[ ] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [ ] is extended [ ] is not extended
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (*if required*)
See Schedule $ US 238,887.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. This change order is issued pursuant to: (*Specify authority*) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
	B. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, appropriation date, etc.*) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
X	C. This supplemental agreement is entered into pursuant to authority of: Mutual Agreement of the Parties
	D. Other (*Specify type of modification and authority*)

E. IMPORTANT: Contractor [ ] is not, [X] is required to sign this document and return 1 copies to the issuing office.

14. Description of Amendment/Modification (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.*)

a. Necessity for the Change: The change is needed to incorporate additional work for dredge access through Robinson Canal for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (*Type or Print*)		16A. Name and title of Contracting Officer (*Type or Print*)	
J. STEPHEN CHATEY, VICE PRES.		PAMELA L. STICHWEH 816-426-2067 Contracting Officer Pamela.L.Stichweh@noaa.gov	
15B. Contractor/Offeror (Signature of person authorized to sign)	15C. Date Signed 10 FEB 2006	16B. United States of America Pamela L. Stichweh (Signature of Contracting Officer)	16C. Date Signed Feb 8, 2006

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	b. The Change: To incorporate additional work and services for the dredging of 6,000 feet Robinson Canal due to conditions caused by Hurricane Katrina and Rita to provide access for equipment to the construction site for the Chaland Headland Restoration Project. Work accomplished will be in accordance with Joint Permit Application dated January 23, 2006 as approved or amended by the U. S. Army Corps of Engineers, the State of Louisiana Department of Natural Resources and contractor proposal dated January 12, 2006. Contractor submitted an unsolicited proposal as a result of discussions during the preconstruction conference held on November 14, 2005. These discussions between the Contractor and the Government concerned the accessibility to the construction site due to shoaling caused by Hurricane Katrina in the proposed access route through Robinson Canal. You are hereby issued a partial NTP for the execution of work associated with Canal Surveys, Oyster Lease Survey, and Oyster Lease Waivers. NTP on remaining work will be issued by letter at a later date pending final approval of Permits. Proof of additional bonding capacity as a result of this modification is due to the Contracting Officer within 10 calendar days of the effective date of this modification and bonds must be approved prior to issuance of NTP for remaining work. c. Time: The period of performance for this contract is increased by 21 calendar days from 235 to 256 calendar days. Completion date is changed from July 8, 2006 to July 29, 2006. d. Payment: Pricing Summary: 1. Original contract price: $15,549,195.40 2.. Net Adjustment of Contract price pursuant to previous modification(s): Modification P00001 0.00 3. Net adjustment of contract price pursuant to this modification: Modification 0002 238,887.00 4. New total Contract Price: $15,788,082.40				
0014	Dredge Robinson Canal and Associated Tasks Accounting and Appropriation Data: 14.06.2RL6RRSP0007021002000.3013000300000 000.25270000 US$ 238,887.00	1	JB	238,887.00	238,887.00

In consideration of the modifications(s) agreed to herein as complete equitable adjustment in the contract for a change in the specifications, for all work and services associated with the dredging of 6,000 feet of Robinson Canal for access to the Chaland Headland construction site, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustment in contract price attributable to such facts or circumstances arising from or associated with the changes listed above, except for (if none, write "none below):

___None_____

_____

_____

_____

State of Louisiana

KATHLEEN BABINEAUX BLANCO
GOVERNOR

SCOTT A. ANGELLE
SECRETARY

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL RESTORATION AND MANAGEMENT

January 21, 2006

Richard Hartman
National Marine Fisheries Service
Habitat Conservation Division
c/o Louisiana State University
Baton Rouge, LA 70808-7535

RECEIVED
FEB 23 2006
BY:

RE: **C20030606,** Coastal Zone Consistency Modification
NMFS
Direct Federal Action
Chaland Headland Restoration CWPPRA Project (BA-38-2), modification involves dredging of about 7,000 ft. of channel due to shoaling from Hurricanes Katrina and Rita, **St. Mary Parish, Louisiana**

Dear Mr. Hartman:

The above referenced project modification has been reviewed for consistency with the approved Louisiana Coastal Resources Program (LCRP) as required by Section 307 of the Coastal Zone Management Act of 1972, as amended. The modification, as proposed in the application, is consistent with the LCRP.

If you have any questions concerning this information request, please contact Brian Marcks of the Consistency Section at (225)342-7939 or 1-800-267-4019.

Sincerely,

Jim Rives
Acting Administrator

JR/JH/bgm
cc: Greg Grandy, CED
Frank Cole, CMD FI
Andrew MacInnes, Plaquemines Parish
Ron Ventola, COE-NOD

DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

January 24, 2006

National Marine Fisheries Service
Habitat Conservation Division
c/o Louisiana State University
Baton Rouge, LA 70808-7535

RECEIVED
JAN 31 2006
BY:

Attention: Richard Hartman

RE: Water Quality Certification (MB 031027-02/AI 118021/CER 20060001)
Plaquemines Parish

Dear Mr. Hartman:

The Department has reviewed your revised application to dredge additional waterbottoms, filled in during the 2005 hurricane season, for boat access, approximately 9 miles southwest of Empire, Louisiana in Plaquemines Parish.

The requirements for Water Quality Certification have been met in accordance with LAC 33:IX.1507.A-E. Based on the information provided in your application, we have determined that the placement of the fill material will not violate the water quality standards of Louisiana provided for under LAC 33:IX.Chapter 11. Therefore, the Department has issued a Water Quality Certification.

Sincerely,

Thomas R. Griggs

Thomas R. Griggs
Engineer Manager

TRG/jjp

ENVIRONMENTAL **SERVICES**
: PO BOX 4313, BATON ROUGE, LA 70821-4313
P:225-219-3181 F:225-219-3309
WWW.DEQ.LOUISIANA.GOV

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P. O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF:

FEB - 7 2006

RECEIVED
MAR 9 2006
BY:

Operations Division
Eastern Evaluation Section

SUBJECT: MVN 2004-451 EFF (Permit Modification)

NOAA Fisheries
Louisiana State University
Baton Rouge, Louisiana 70769

Gentlemen:

Additional drawings enclosed in thirteen sheets, furnished with your application dated January 23, 2006, covering the addition of re-dredging a portion of Robinson Canal to provide temporary construction access for the Chaland Headland restoration project (BA-38-2), off of Lake Washington and the Gulf of Mexico, within Plaquemines Parish, near Port Sulphur, Louisiana, are approved and will be included in your plans for the work authorized by the Secretary of the Army in permit dated March 31, 2004, from the District Engineer at New Orleans, Louisiana.

The enclosed Notice of Authorization, ENG Form 4336, is to be conspicuously displayed at the site of work.

The following special conditions are hereby made a part of this authorization:

1. To the greatest extent practicable, re-deposited dredge material shall be placed within open water areas, at elevations conducive to marsh establishment.

All other conditions to which the work is made subject remain in full force and effect.

If the structure or work authorized is not completed on or before the date herein specified, this authorization, if not previously revoked or specifically further extended, will cease and become null and void.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

Ronald J. Ventola
Chief, Regulatory Branch
for
Richard P. Wagenaar
Colonel, U.S. Army
District Commander

Enclosure

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NOAA ACQUISITION MANAGEMENT
Central Region Acquisition Division
Federal Building, Room 1756
601 East 12th Street
Kansas City, Missouri 64106-2877

March 13, 2006

Mr. Michael Ernst
Weeks Marine, Inc.
304 Gaille Drive,
Innwoods Business Park
Covington, Louisiana 70433

SUBJECT: Written Notice To Proceed Construction Services–Dredging of Robinson Canal in association with the Construction to Restore Chaland Headland Area (BA 38-2) CWPPRA Project, along the Gulf of Mexico, Plaquemines Parish, Louisiana.

Dear Mr. Ernst:

This letter is written Notice to Proceed to provide all labor, materials, and supervision to perform the dredging of Robinson Canal for access to the site for construction to restore the Chaland Headland Area (BA 38-2) CWPPRA Project under Contract No. WC133F-05-CN-1279 modification 0002 dated February 8, 2006.

Your documents for increased surety have been reviewed and approved. Copies of approved permits for dredging are enclosed for your use. As stated previously, I am performing Administrative Contracting Officer duties and can be reached at (816) 426-2067. Jason Manthey is the Contracting Officer's Representative and should be contacted regarding any matter connected with the technical aspects of the work, inspection, or acceptance of work and/or services furnished by your firm. Mr. Manthey can be reached at (816) 426-7841 or by mobile phone at (225) 354-5723.

You are cautioned not to initiate or perform any work not included in the signed Contract modification dated February 8, 2006. You are further cautioned that if any person other than the Contracting Officer suggests a change affecting the scope of work, completion period, or the cost of the Contract, you should contact the Contracting Officer immediately before undertaking any such work. Such changes can only be made with the expressed prior written authorization of the Contracting Officer.

You should proceed immediately to begin performance to accomplish the work pursuant to the provisions of the Contract. We request that you sign, date, and return the original, retaining the copy for your files.

If you have any questions please contact me at 816-426-2067.

Sincerely,

Pamela L. Wittler-Stichweh
Contracting Officer

Encl

Cc: Jason Manthey - COR
Roger McCollum–ACOR
Rachel Sweeney
Erik Zobrist
Gordon Thomson (CPE)

"I hereby acknowledge receipt of the Notice to Proceed."

Weeks Marine, Inc.

Name:_____

Title:_____

Date: _____

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
	1	2

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
0003	Apr 5, 2006	NFFK0000-6-00207	

6. Issued By — Code AJ830023
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106
PAMELA L. STICHWEH 816-426-2067

7. Administered By (If other than Item 6) — Code
SEE BLOCK 6

8. Name and Address of Contractor (*No., Street, County, and Zip Code*)

WEEKS MARINE INC
4 COMMERCE DRIVE
CRANFORD NJ 070163598

Vendor ID: 00009531
DUNS: 189601636

CAGE: 1RHV3

(X)	
	9A. Amendment of Solicitation No.
	9B. Date (*See Item 11*)
X	10A. Modification of Contract/Order No. WC133F-05-CN-1279
	10B. Date (*See Item 13*) Aug 17, 2005

Code | Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (*if required*)
See Schedule $ US 32,993.62

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (*Specify authority*) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
X Changes Clause

B. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, appropriation date, etc.*) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (*Specify type of modification and authority*)

E. IMPORTANT: Contractor X is not, ☐ is required to sign this document and return copies to the issuing office.

14. Description of Amendment/Modification (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.*)

a.. Necessity for the Change: The change is needed to incorporate additional work for the re-establishment of the Chenier Ronquille Secondary Survey Monument, for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (*Type or Print*)		16A. Name and title of Contracting Officer (*Type or Print*) PAMELA L. STICHWEH 816-426-2067 Contracting Officer Pamela.L.Stichweh@noaa.gov	
15B. Contractor/Offeror (Signature of person authorized to sign)	15C. Date Signed	16B. United States of America (Signature of Contracting Officer)	16C. Date Signed Apr 5, 2006

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	b. The Change: To incorporate additional work and services in accordance with Statement of Work dated October 25, 2005 for the re-establishment of the Chenier Ronquille Secondary Survey Monument due to conditions caused by Hurricane Katrina and Rita. Due to the urgent need to re-establish the survey marker destroyed by Hurricane Katrina, a verbal notice to proceed was issued by the Contracting officer on October 25, 2005. Proof of additional bonding capacity as a result of this modification is due to the Contracting Officer within 10 calendar days of the effective date of this modification and bonds must be approved prior to issuance of NTP for remaining work. c. Time: There is no change in the period of performance for this contract. Completion date remains July 29, 2006. d. Payment: Pricing Summary: 1. Original contract price: $15,549,195.40 2.. Net Adjustment of Contract price pursuant to previous modification(s): Modification P00001 0.00 Modification 0002 238,887.00 3. Net adjustment of contract price pursuant to this modification: Modification 0003 32,993.62 4. New total Contract Price: $15,821,076.02 In consideration of the modifications(s) agreed to herein as complete equitable adjustment in the contract for a change in the specifications, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustment in contract price attributable to such facts or circumstances arising from or associated with the changes listed above, except for (if none, write "none below): ___None_____				
0015	Re-establish Chenier Ronquille Secondary Monument destroyed by Hurricane Katrina. Accounting and Appropriation Data: 14.06.2RL6RRSP0007021002000.3013000300000000.25270000 US$ 32,993.62	1	JB	32,993.62	32,993.62

C&C Technologies
SURVEY SERVICES

November 3, 2005

Weeks Marine, Inc.
304 Gaille Drive
Covington, LA 70433
Attn: John Williston

RE: Chaland Headland Restoration Project – Static Survey Proposal

Dear John,

Following is our proposal for the Static GPS Survey to re-establish the project control monument RONQUILLE..

Time Analysis	Task Time	Unit	Boat	Truck	Party Chief	Survey Tech	Assistant Survey Tech	GPS Receiver Days	Monument Installation Equipment
			equip days	equip days	personnel days	personnel days	personnel days	equip days	equip days
Locate 4 Primary Monuments	1	days		1	1	1		1	
Install one new Monument	1	days	1	1	1	1	1		1
Static Survey	2	days	2	10	2	10		10	
Totals	**4**	**days**	**3**	**12**	**4**	**12**	**1**	**11**	**1**

Labor				
Classification	Rate	Unit	Quantity	Amount
Survey Party Chief	$45.00	Hours	63	$2,835.00
Survey Technician	$33.00	Hours	159	$5,247.00
Assistant Survey Technician	$28.00	Hours	12	$336.00
Total Labor				*$8,418.00*
Equipment & Materials				
21'-26' Alum. Hull w/twin outboard	$508.25	Day	3	$1,524.75
Dual Freq GPS Receivers	$200.00	Day	11	$2,200.00
Truck	$120.00	Day	12	$1,440.00
Monument Materials	$1,000.00	Each	1	$1,000.00
Monument Installation Equipment	$65.00	day	1	$65.00
Total Equipment & Materials				*$6,229.75*
Survey Crew (mandays) Travel Expense	21	mdays	100	*$2,100.00*
Office & Deliverables				*$9,780.00*
Total Fee				**$26,527.75**

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

[illegible] DRIVE • COVINGTON, LA 70433 Office (985) 875 2503 [illegible]

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

18 November 2005

Serial Letter No.: H-08

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Request for Proposal #1 – Re-establishment of Chenier Ronquille Secondary Survey Monument

Mr. Manthey:

In response to your Request for Proposal #1, dated 26 October 2005, Weeks Marine, Inc. (WMI) provides the following pricing proposal. Referring to the quote from our survey subcontractor, C & C Technologies (C&C) (attached) the total cost to the Government to perform this work will be;

C&C quote	$26,527.75
WMI Overhead @ 14.35%	$3,806.73
WMI Profit @ 10.00%	$3,033.45
Bonds @ 0.3920%	$130.80
Total Cost to Government	**$33,498.73**

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Larry J. DaVico
Division Engineer

Cc: Contract File
Pamela Stichweh, Contracting Officer, NOAA
Rachel Sweeney, Project Manager, NOAA
Gordon Thomson, CPE
J. Stephen Chatry, Vice President, WMI
Mike Ernst, General Manager, WMI
Charles Granger, Sr., Operations Manager, WMI
Gary Johnson, Project Manager, WMI

05 NOV 29 AM 10: 28

DCA

OFFICE	units	Rates	Hrs/Days	Amount
PERSONNEL:				
Professional Engineer (Civil)	per hour	95.00	4	$380.00
Professional Land Surveyor	per hour	80.00	50	$4,000.00
Project Manager	per hour	70.00	20	$1,400.00
Survey Technician/Sr. Cadd Tech	per hour	55.00	50	$2,750.00
PC Computer Time	per hour	25.00	50	$1,250.00
TOTAL OFFICE & DELIVERABLES				***$9,780.00***

Thanks,

C&C Technologies, Inc.

Frank Lipari, Jr., PE
Manager, Government Contracts

WEEKS MARINE, INC.
DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE
304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

23 January 2006

Serial Letter No.: H-22

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Survey Monument RFP Questions

Mr. Manthey:

Referencing the e-mail from your Ms. Pamela Stichweh on 16 December 2005 posing 4 questions pertaining to the proposal from our survey subcontractor, C & C Technologies (CCT), to replace the 'Ronquille" survey monument at Chaland Island, the responses from CCT are as follows;

(1). The time analysis shows the party chief in the field for 4 days. Assuming 12 hour days (i.e. it is noted that 1 day for the assistant survey technician is 12 hours), which corresponds to 48 hours (4 days x 12 hours/day) for the party chief, but they have indicated 63 hours in the labor table.

The extra 15 hours are for preparation/mobilization/demobilization activities including, but not limited to;

-testing equipment
-inventory and pack equipment
-mob to site
-demob from site
-unpack, inventory and store equipment

(2). The time analysis shows the survey technician in the field for 12 days. Assuming 12 hour days (i.e. it is noted that 1 day for the assistant survey technician is 12 hours), which corresponds to 144 hours (12 days x 12 hours/day) for the survey technician, but they have indicated 159 hours in the labor table.

Same explanation/justification as question 1.

(3). It is noted that in the time analysis table that the total personnel days is 17 (i.e. 4 days for the party chief, 12 days for the survey technician, and 1 day for the assistant survey technician), but they have indicated 21 in the total equipment & materials table.

To establish the new monument required that a 4 man crew travel to different monuments in the S. Louisiana monument network and set up GPS stations. 1 extra travel day was added to the proposal for each man in case an extra night stay in hotels was required on the final day.

4). Need the documentation supporting the 50 hours spent in the office for the following personnel (Professional Land Surveyor, Survey Technician/Sr. Cadd Tech.) and the documentation supporting the 20 hours spent in the office for the Project Manager.

Professional Land Surveyor hours were to;

- ***-Develop static survey plan***
- ***-Research monument information***
- ***-Process field data***
- ***-Process OPUS data***
- ***-Research and discussions related to DNR Network solution vs. NGS solution***
- ***-Final processing of data***
- ***-Prepare survey report draft and final edition***
- ***-Prepare data sheet on new monument***

Survey Technician hours were to;

- ***-Create materials order for new monument***
- ***-Order, receive and check materials for new monument***
- ***-Pull and check 5 GPS receivers for network survey***
- ***-Request and prepare vehicles for network survey***
- ***-Request and check phones (including satellite phone) for network survey crews***
- ***-Review survey plan and equipment operation with crews***
- ***-Provide office based support of field crews during survey***

Project Manager hours were to;

- ***-Manage project on a daily basis***
- ***-Logistics for crews***
- ***-Client relations/progress reports.***

Please do not hesitate to contact me if you have any questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Larry J. DaVico
Division Engineer

Enclosure(s)

Cc: Contract File
Rachel Sweeney, Project Manager, NOAA (email)
Gordon Thomson, CPE (email)
J. Stephen Chatry, Vice President, WMI (email)
Mike Ernst, General Manager, Hydraulic Group, WMI (email)
Charles Granger, Sr., Operations Manager, Hydraulic Group, WMI
Gary Johnson, Project Manager, WMI (email)
Jerry Deville, Operations Manager, Mechanical Group, WMI (email)
Christian Shaw, Survey Manager, WMI (email)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
	1	2

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
0004	Jul 3, 2006	NAAJ5731-6-00093	

6. Issued By — Code AJ830023
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106
PAMELA L. STICHWEH 816-426-2067

7. Administered By (If other than Item 6) — Code
SEE BLOCK 6

8. Name and Address of Contractor (*No., Street, County, and Zip Code*)
WEEKS MARINE INC
4 COMMERCE DRIVE
CRANFORD NJ 070163598

Vendor ID: 00009531
DUNS: 189601636
CAGE: 1RHV3

Code | Facility Code

(X) 9A. Amendment of Solicitation No.

9B. Date (*See Item 11*)

X 10A. Modification of Contract/Order No.
WC133F-05-CN-1279

10B. Date (*See Item 13*)
Aug 17, 2005

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (*if required*)
$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (*Specify authority*) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, appropriation date, etc.*) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

X C. This supplemental agreement is entered into pursuant to authority of:
Changes Clause 52.243-4

D. Other (*Specify type of modification and authority*)

E. **IMPORTANT:** Contractor ☐ is not, X is required to sign this document and return 1 copies to the issuing office.

14. Description of Amendment/Modification (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.*)

a.. Necessity for the Change: The change is needed to incorporate a contract time extension for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (*Type or Print*)		16A. Name and title of Contracting Officer (*Type or Print*)	
MICHAEL D. ERNST, GENERAL MANAGER		PAMELA L. STICHWEH 816-426-2067 Contracting Officer Pamela.L.Stichweh@noaa.gov	
15B. Contractor/Offeror Michael D. Ernst (Signature of person authorized to sign)	15C. Date Signed 6 JULY 2006	16B. United States of America Pamela L. Stichweh (Signature of Contracting Officer)	16C. Date Signed Jul 3, 2006

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount

b. The Change: To incorporate a time extension of 118 additional days due to conditions caused by Hurricane Katrina and Rita in August and September, 2005 delayed start of construction.

c. Time: Completion date is extended an additional 118 days from July 29, 2006 to November 24, 2006.

d. Payment: Pricing Summary:

1. Original contract price: $15,549,195.40

2.. Net Adjustment of Contract price pursuant to previous modification(s):

Modification P00001	0.00
Modification 0002	238,887.00
Modification 0003	32,993.62

3. Net adjustment of contract price pursuant to this modification:

Modification 0004	0.00

4. Total Contract Price: $15,821,076.02

In consideration of the modifications(s) agreed to herein as complete equitable adjustment in the contract for a change in the specifications, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustment in contract price attributable to such facts or circumstances arising from or associated with the changes listed above, except for (if none, write "none below):

___None_____

WEEKS MARINE, INC.
DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE
304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

12 May 2006

Serial Letter No.: H-43

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Contract No. WC133F-05-CH-1279
Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: Request for Extension of Contract Time

Mr. Manthey:

As outlined in Weeks Marine, Inc. (WMI) Serial Letter No. 18, Proposal to Dredge Robinson Canal, the final component of the Robinson Canal dredging negotiations would be a request for extension of Contract duration due to delays caused by the shoaling of Robinson Canal during hurricane Katrina. Basically those delays include the time required to obtain all necessary waivers/permits to perform the dredging of Robinson Canal and the time to perform the actual dredging of the canal. It was agreed that the request for time extension would be submitted after commencement of Primary Dike construction at Chaland. Below is a brief chronology of events outlining the tasks performed by WMI and the timeframe involved in the procurement of the NTP to perform the Robinson Canal dredging. WMI's primary tasks in this process included obtaining waivers from potentially affected oyster lease holders, collection of hydrographic survey data, collection of land based survey data, collection of magnetometer surveys in the area and the design of the canal dredging template. Concurrent with WMI's efforts the Government worked to obtain waivers from pipeline owners/operators and land owners.

16 Nov 05 – **WMI receives full NTP to commence work on Chaland project**. WMI contacts EPL, Inc. to arrange an oyster lease survey in the shoaled areas of Robinson Canal. WMI commences collection of survey data in Robinson Canal and the design of the dredging alignment. WMI works with NOAA and Plaquemines Parish to contact oyster lease holders. This process is hampered due to several of the lease holders living in areas that were devastated by hurricane Katrina.

30 Nov 05 – Oyster lease survey performed by EPL, Inc.

05 Dec 05 – WMI submits initial proposal for dredging of Robinson Canal to Government. Government requests additional details and directs WMI to include cost data.

07 Dec 05 – WMI receives oyster lease survey results from EPL, Inc.

13 Dec 05 – Initial hydrographic surveys of Robinson Canal completed. WMI has gotten addresses of record for all oyster lease holders that are in the vicinity of the proposed Robinson Canal

dredging. It is known that at least 2 of the lease holders are no longer in their homes due to hurricane Katrina damage. WMI continues efforts to contact all lease holder by phone. Letters are sent to all lease holders notifying them of the proposed Robinson Canal dredging.

20 Dec 05 – Final surveys, land and hydro, have been completed in the proposed dredging and disposal areas. WMI, in conjunction with CP&E, is in the process of completing the Robinson Canal dredging design/alignment. WMI has obtained phone numbers for the 4 lease holders (5 leases) located in the vicinity of the proposed dredging. WMi has successfully contacted 2 of the 4 lease holders by phone. WMI, NOAA and Plaquemines Parish have scheduled a meeting on 05 Jan 06 to get together with the lease holders and negotiate the cost to obtain dredging waivers.

04 Jan 06 – All oyster lease holders have been contacted and will attend negotiation meeting on 05 Jan. WMI and NOAA completing final details of dredging/alignment.

05 Jan 06 – Meet with oyster lease holders and successfully negotiate pricing for dredging waivers.

12 Jan 06 – WMI submits final proposal for the dredging of Robinson Canal. Proposal includes all cost details including payments to oyster lease holders to obtain dredging waivers.

17 Jan 06 – WMI and NOAA have finalized language of Oyster Lease Agreements. WMI sends Oyster Lease Agreements to oyster lease holders for signature.

24 Jan 06 – WMI has received 2 of 4 Oyster Lease Agreements from oyster lease holders.

31 Jan 06 – WMI has received 3 of 4 Oyster Lease Agreements from oyster lease holders. WMI has contracted all pipeline owners of record and notified them of the proposed dredging operations in Robinson Canal. WMI has obtained addresses for pipeline owners and will be sending formal letters providing the details of the proposed dredging.

07 Feb 06 – WMI has received all 4 Oyster Lease Agreements and requests directive from the Government to pay oyster lease holders for waivers. WMI has sent letters to all pipeline owners of record. No pipeline data has been received from pipeline owners as of this date.

09 Feb 06 – Government issues Contract Modification for Robinson Canal. Modification issues partial NTP allowing surveys and payments to oyster lease holders. WMI requests W-9 forms from all oyster lease holders. These forms are required before payments can be processed.

14 Feb 06 – Governments suggests that additional magnetometer surveys should be performed to more accurately locate and identify pipelines and other obstructions in the proposed dredging area. WMI agrees and coordinates this additional work with C&C.

07 Mar 06 – The second magnetometer survey of Robinson Canal has been completed and the data from this survey has been submitted to the Government.

14 Mar 06 – WMI has received completed W-9 forms from all oyster lease holders and has mailed dredging waiver payments to lease holders. **WMI receives NTP to commence Robinson Canal dredging**.

21 Mar 06 – WMI has confirmed receipt of dredging waiver payments by all lease holders.

25 Mar 06 - WMI commences dredging operations at Robinson Canal.

The Government's timeline to obtain the necessary waivers/permissions from pipeline owners/operators and land owners was virtually identical to that of WMI in the completion of it's tasks outlined above. Based on this information WMI's request for extension of Contract duration due to changed conditions at the project site is the differential between the original NTP date of 16 November 2005 and the Robinson Canal dredging NTP date of 14 March 2006, a period of 118 days. No extension of time is required or requested for the period of the actual Robinson Canal dredging since Contract Modification 0002 included a time extension to perform this work.

WMI requests that 118 days be added to the Contract duration to recover days lost as a result of the shoaling of Robinson Canal caused by hurricane Katrina and the time required by WMI and the Government to return the canal to it's pre-Katrina condition thereby allowing for safe and effective access to the project site for equipment and personnel.

Please don't hesitate to contact Gary Johnson or myself if you have questions or comments or if you require additional information.

Regards,
WEEKS MARINE, INC.

Larry DaVico
Division Engineer
Bucket, Hopper, and Hydraulic Groups

cc: J. Stephen Chatry, Vice President, WMI
Mike Ernst, General Manager-Hydraulic Group, WMI
Charles Granger, Operations Manager, WMI
Gary Johnson, Project Manager, WMI
Correspondence File

COASTAL & OCEAN ENGINEERING
COASTAL SURVEYS
BIOLOGICAL STUDIES
GEOTECHNICAL SERVICES

COASTAL PLANNING & ENGINEERING, INC.

2481 N.W. BOCA RATON BOULEVARD, BOCA RATON, FL 33431

(561) 391-8102 Fax: (561) 391-9116
Internet: http://www.coastalplanning.net
E-mail: mail@coastalplanning.net

7261.25

May 24, 2006
Rev June 6, 2006

Jason Manthey
Contracting Officer Technical Representative
U.S. Department of Commerce
Central Administrative Support Center
601 E. 12th Street, Room 1749
Kansas City, MO 64106-2808

Re: Chaland Headland Restoration (BA-38-2) CWPPRA Project
Contract No. WC133F-05-CN-1279
Request for Extension of Contract Time Review

Dear Jason:

This letter is in response to Weeks Marine's request for extension of contract time. We have reviewed the request to ensure that the dates and work was performed as stated. **We recommend approval of the time extension as requested.** Comments resulting from the review of this request are discussed below.

WMI Comment No. 1. 16 Nov 05 – WMI receives full NTP to commence work on Chaland project. WMI contacts EPL, Inc. to arrange an oyster lease survey in the shoaled areas of Robinson Canal. WMI commences collection of survey data in Robinson Canal and the design of the dredging alignment. WMI works with NOAA and Plaquemines Parish to contact oyster lease holders. This process is hampered to several of the lease holders living in areas that were devastated by hurricane Katrina.

> **CPE Evaluation of WMI Comment No. 1.** Concur. Larry DaVico (WMI) acknowledged the notice to proceed on 17 November 2005 via letter to the contracting officer Pamela L. Wittler-Stichweh. CPE is unable to comment on WMI's initial contact with EPL.

WMI Comment No. 2. 30 Nov 05 – Oyster lease survey performed by EPL, Inc.

> **CPE Evaluation of WMI Comment No. 2.** Concur. The Report of an Oyster Resource/Habitat Assessment on Leases Nos. L30055 and L36315-01 (Robinson Canal Plaquemines Parish, LA) verifies the 30 November 2005 Oyster lease survey performed by EPL, Inc.

WMI Comment No. 3. 05 Dec 05 – WMI submits initial proposal for dredging of Robinson Canal to Government. Government requests additional details and directs WMI to include cost data.

> **CPE Evaluation of WMI Comment No. 3.** Concur. Larry DaVico (WMI) submitted a Proposal to Dredge Robinson Canal for Project Access dated 5 November 2005 to Jason Manthey (NOAA). The additional details and cost data to be submitted with the proposal requested by the government was discussed during the 8 December 2006 conference call.

WMI Comment No. 4. 07 Dec 05 – WMI receives oyster lease survey results from EPL, Inc.

> **CPE Evaluation of WMI Comment No. 4.** Concur. Larry DaVico (WMI) submitted the Oyster Lease Survey Report to the Government via e-mail on 12 December 2005.

WMI Comment No. 5. 13 Dec 05 – Initial hydrographic surveys of Robinson Canal completed. WMI has gotten addresses of record for all oyster lease holders that are in the vicinity of the proposed Robinson Canal dredging. It is known that at least 2 of the lease holders are no longer in their homes due to hurricane Katrina damage. WMI continues efforts to contact all lease holders by phone. Letters are sent to all lease holders notifying them of the proposed Robinson Canal dredging.

> **CPE Evaluation of WMI Comment No. 5.** Verbal concurrence. During the 13 December 2005 conference call WMI stated that the hydrographic survey of Robinson Canal has been completed and the shallow/land survey has been started.

WMI Comment No. 6. 20 Dec 05 – Final surveys, land and hydro, have been completed in the proposed dredging and disposal areas. WMI, in conjunction with CP&E, is in the process of completing the Robinson Canal dredging design/alignment. WMI has obtained phone numbers for the 4 lease holders (5 leases) located in the vicinity of the proposed dredging. WMI has successfully contacted 2 of the 4 lease holders by phone. WMI, NOAA and Plaquemines Parish have scheduled a meeting on 05 Jan 06 to get together with the lease holders and negotiate the cost to obtain dredging waivers.

> **CPE Evaluation of WMI Comment No. 6.** Concur. The Robinson Canal survey data was submitted to Jason Manthey (NOAA) and Gordon Thomson (CPE) via email on 21 December 2005.
>
> Larry DaVico (WMI) sent an email to Andrew Macinnis, Jason Manthey (NOAA), Rachel Sweeney (NOAA), and Gordon Thomson (CPE) on 22 December 2005 listing contact information for all oyster lease holders whose lease may be impacted by the dredging of Robinson Canal. In this email, Larry stated that he contacted each lease holder using the phone numbers provided and all have received at least one letter from WMI announcing intentions to dredge in or near their leases. Larry followed up with a

letter to each lease holder, dated 28 December 2005, to notify them of the Oyster Lease/Project meeting on 5 January 2006.

WMI Comment No. 7. 04 Jan 06 – All oyster lease holders have been contacted and will attend negotiation meeting on 05 Jan. WMI and NOAA completing final details of dredging/alignment.

CPE Evaluation of WMI Comment No. 7. Verbal concurrence. During the 4 January 2006 conference call WMI stated that Larry DaVico (WMI) has sent two letters of notification to all oyster lease holders notifying them of the meeting purpose, time, and location. WMI stated that all oyster lease holders were planning on attending the 5 January 2006 meeting.

Gordon Thomson (CPE) submitted a letter on 12 January 2006 to Jason Manthey (NOAA) that contained the permit sketches and dredge cut volumes for Robinson Canal.

WMI Comment No. 8. 05 Jan 06 – Meet with oyster lease holders and successfully negotiate pricing for dredging waivers.

CPE Evaluation of WMI Comment No. 8. Concur. Rachel Sweeney (NOAA) attended this meeting.

WMI Comment No. 9. 12 Jan 06 – WMI submits final proposal for the dredging of Robinson Canal. Proposal includes all cost details including payments to oyster lease holders to obtain dredging waivers.

CPE Evaluation of WMI Comment No. 9. Concur. WMI submitted a proposal for dredging of the Robinson Canal, dated 12 January 2006.

WMI Comment No. 10. 17 Jan 06 – WMI and NOAA have finalized language of Oyster Lease Agreements. WMI sends Oyster Lease Agreements to oyster lease holders for signature.

CPE Evaluation of WMI Comment No. 10. Concur. A copy of the lease agreement was received via email on 18 January 2006.

WMI Comment No. 11. 24 Jan 06 – WMI has received 2 of 4 Oyster Lease Agreements from oyster lease holders.

CPE Evaluation of WMI Comment No. 11. Verbal concurrence. During the 24 January 2006 conference call WMI stated that they had received signed and notarized agreements back from Shelley and Madjor.

WMI Comment No. 12. 31 Jan 06 – WMI has received 3 of 4 Oyster Lease Agreements from oyster lease holders. WMI has contracted all pipeline owners of record and notified them of the

proposed dredging operations in Robinson Canal. WMI has obtained addresses for pipeline owners and will be sending formal letters providing the details of the proposed dredging operation.

> **CPE Evaluation of WMI Comment No. 12.** Verbal concurrence. During the 31 January 2006 conference call WMI stated that the only oyster lease agreement missing is for Tesvich. WMI also stated that initial contact has been made with all pipeline owners of record in the Robinson Canal dredging area and the Chaland Headland.

WMI Comment No. 13. 07 Feb 06 – WMI has received all 4 Oyster Lease Agreements and requests directive from the Government to pay oyster lease holders for waivers. WMI has sent letters to all pipeline owners of record. No pipeline data has been received from pipeline owners as of this date.

> **CPE Evaluation of WMI Comment No. 13.** Concur. Larry DaVico (WMI) sent Jason Manthey (NOAA) a letter, dated 6 March 2006, stating that Weeks Marine has obtained oyster lease agreements from all oyster lease holders in the vicinity of the Robinson Canal dredging; all signed agreements were enclosed.
>
> Charles Balentine (WMI) sent letters to Terry Bergeron (Duke Energy) and Brian Ragas (Swift Energy Company) on 12 January 2006 requesting as-built plans or other information available to establish the horizontal and vertical locations of their pipelines within the vicinity of the Robinson Canal dredging. During the 7 February 2006 conference call WMI stated that they have contacted all pipeline owners of record via phone and mail but have not received any pipeline data.

WMI Comment No. 14. 09 Feb 06 – Government issues Contract Modification for Robinson Canal. Modification issues partial NTP allowing surveys and payments to oyster lease holders. WMI requests W-9 forms from all oyster lease holders. These forms are required before payments can be processed.

> **CPE Evaluation of WMI Comment No. 14.** Concur. Government issued Modification #2 on 9 February 2006.

WMI Comment No. 15. 14 Feb 06 – Governments suggests that additional magnetometer surveys should be performed to more accurately locate and identify pipelines and other obstructions in the proposed dredging area. WMI agrees and coordinates this additional work with C&C.

> **CPE Evaluation of WMI Comment No. 15.** Concur.

WMI Comment No. 16. 07 Mar 06 – The second magnetometer survey of Robinson Canal has been completed and the data from this survey has been submitted to the Government.

CPE Evaluation of WMI Comment No. 16. Concur. E-mail received from WMI on 7 March 2006 containing magnetometer survey data.

WMI Comment No. 17. 14 Mar 06 – WMI has received completed W-9 forms from all oyster lease holders and has mailed dredging waiver payments to lease holders. WMI receives NTP to commence Robinson Canal dredging.

CPE Evaluation of WMI Comment No. 17. Concur. WMI was issued a NTP for Robinson Canal dredging on 13 Marsh 2006. During the 14 March 2006 conference call WMI stated that they have received completed W-9 forms from all oyster lease holders and will mail all checks on this day.

WMI Comment No. 18. 21 Mar 06 – WMI has confirmed receipt of dredging waiver payments by all lease holders.

CPE Evaluation of WMI Comment No. 18. Verbal concurrence. During the 21 March 2006 conference call WMI stated that all checks have been sent out and receipt has been confirmed by FedEx.

WMI Comment No. 19. 25 Mar 06 – WMI commences dredging operations at Robinson Canal.

CPE Evaluation of WMI Comment No. 19. Concur. Brian Kendrick (CPE-LA) observed Robinson Canal dredging on 26 March 2006.

After reviewing Weeks Marine's request, we found that the timeline and scope of work outlined in the request to be accurate. We recommend approval of the time extension as requested.

Please call me if you have any questions.

Sincerely,

COASTAL PLANNING & ENGINEERING, INC.

G. Thomson

Gordon G. Thomson, P.E.
Coastal Engineer

cc: Andrew Wycklendt, CPE
p:la/7261.25/project management/construction correspondence/letter-manthey-response to request for time extension-5-22-06

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

Contract ID Code	Page	of Pages
	1	2

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
0005	Aug 21, 2006	NFFK0000-6-00485	

6. Issued By — Code AJ830023
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106
PAMELA L. STICHWEH 816-426-2067

7. Administered By (If other than Item 6) — Code
SEE BLOCK 6

8. Name and Address of Contractor (*No., Street, County, and Zip Code*)

WEEKS MARINE INC
4 COMMERCE DRIVE
CRANFORD NJ 070163598

Vendor ID: 00009531
DUNS: 189601636

CAGE: 1RHV3

(X)	9A. Amendment of Solicitation No.
	9B. Date (*See Item 11*)
X	10A. Modification of Contract/Order No. WC133F-05-CN-1279
	10B. Date (*See Item 13*) Aug 17, 2005

Code | Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[ ] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [ ] is extended [ ] is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (*if required*)
See Schedule $ US -5,478.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) X	A. This change order is issued pursuant to: (*Specify authority*) The changes set forth in item 14 are made in the Contract Order No. in item 10A. Changes Clause
	B. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, appropriation date, etc.*) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
	C. This supplemental agreement is entered into pursuant to authority of:
	D. Other (*Specify type of modification and authority*)

E. IMPORTANT: Contractor [ ] is not, [X] is required to sign this document and return 1 copies to the issuing office.

14. Description of Amendment/Modification (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.*)

a.. Necessity for the Change: The change is needed to provide a credit for sand fencing posts on the project for the Construction of Chaland Headland Restoration Project, Gulf of Mexico, Louisiana.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (*Type or Print*)		16A. Name and title of Contracting Officer (*Type or Print*)	
MICHAEL D. ERNST, GENERAL MANAGER		PAMELA L. STICHWEH 816-426-2067 Contracting Officer Pamela.L.Stichweh@noaa.gov	
15B. Contractor/Offeror Michael D. Ernst (Signature of person authorized to sign)	15C. Date Signed 30 AUG. 2006	16B. United States of America Pamela L. Stichweh (Signature of Contracting Officer)	16C. Date Signed 8/22/06

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	b. The Change: To change Line Item 0009 - Sand Fencing. In response to RFI No. 6, the Government accepts a change in specification for fence posts as follows: from: treated 4"x 4"x10' fence posts; to: untreated 4"x4"x8' fence posts This change results in a credit to the contract of $.20/lf for line item 0009. c. Time: No change d. Payment: Pricing Summary: 1. Original contract price: $15,549,195.40 2.. Net Adjustment of Contract price pursuant to previous modification(s): Modification P00001 0.00 Modification 0002 238,887.00 Modification 0003 32,993.62 Modification 0004 0.00 3. Net adjustment of contract price pursuant to this modification: Modification 0005 (5,478.00) 4. Total Contract Price: $15,815,598.02 In consideration of the modifications(s) agreed to herein as complete equitable adjustment in the contract for a change in the specifications, the contractor hereby releases the government from any and all liability under this contract for further equitable adjustment in contract price attributable to such facts or circumstances arising from or associated with the changes listed above, except for (if none, write "none below): ___None_____				
0009	SAND FENCING	27390	LF	7.55	206,794.50
	Accounting and Appropriation Data: 14.05.2RL6RRSP0007021002000.3013000300000 000.25270000 US$ 206,794.50				

SOIL EROSION SERVICES, INC.
307 Gauthier Lane
Simmesport, LA
Office: (318) 941-2461 *Fax:* (318) 941-2465

May 23, 2006

Weeks Marine, Inc.
304 Gaille Drive
Covington, La 70433
Attn: Mr. Gary Johnson

RE: Contract No.#: WC133F-05-CN-1279
Plaquemines Parish, Louisiana

Mr. Gary:

As requested by the Government, we are providing a cost reduction of $0.20/lnft, for the use of 4"x 8' post. 27,390 lnft of sand fence was originally priced at $7.50/lnft, for a total of $205,425.00. Our new price is $7.30/lnft, for a new total price of $199,947.00. This is a savings of $5478.00.

Please let us know if you need any additional information regarding the above referenced project.

Sincerely,

Anita Galland

Anita Galland

FILE-CHALLAND-SUBS-CKC

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

U. S. Department of Commerce/NOAA/AMD
601 East 12th Street
Room 1756
Kansas City, Missouri 64106

5 June 2006

Serial Letter No.: S-16

Attention: Jason Manthey, Contracting Officer's Representative

Reference: Chaland Headland Restoration Project
Gulf of Mexico, Louisiana

Subject: RFI No. 6, Sand Fencing Proposal

Mr. Manthey:

Please consider this letter as our cost proposal for the deletion of the treated 4" x 4" x 10' fence post to an untreated round 4" x 8' fence post. This change results in a $2.00 deduct in cost per fence post, which results in a $0.20 per linear foot cost reduction for Contract Item No. 0009 Sand Fencing. The Contract Unit Price would change from $7.75 per LF to $7.55 per LF. The total reduction in cost would be approximately $5,478.00.

If you have any questions or need additional information please don't hesitate to contact me at 985-956-0000.

Regards,
WEEKS MARINE, INC.

Gary W. Johnson

Gary W. Johnson
Project Manager

Cc: Contract File

DCA DSMP
Certificate # C-003-1

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES	
J	1	4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
0006	Nov 15, 2006	NPTKH300-7-01698	

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
U.S DEPT OF COMMERCE/NOAA CENTRAL REGION ACQUISITION DIVISION 601 E 12TH STREET, RM 1756 KANSAS CITY, MISSOURI 64106 PAMELA L. STICHWEH 816-426-2067	AJ830023	SEE BLOCK 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)		(X)	9A. AMENDMENT OF SOLICITATION NO.
WEEKS MARINE INC 4 COMMERCE DRIVE CRANFORD NJ 07016-3598	VENDOR ID: 00009531 DUNS: 189601636 CAGE: 1RHV3		9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. WC133F-05-CN-1279
			10B. DATED (SEE ITEM 13) Aug 17, 2005

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

___The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers __is extended, ___ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

See Attached

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: CHANGES CLAUSE
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor [ ] is not, [X] is requested to sign this document and return 1 copy to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

a. Necessity for the Change: This bilateral agreement is needed to provide for additional dune and beach fill volume in accordance with attached revised construction template drawings, a credit for the decrease in required marsh fill volume, a credit for the decrease in required primary dike length, and an extension of time for the completion of the Chaland Headland Restoration Project, Gulf of Mexico, Louisiana.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Pamela L. Stichweh 816-426-2067 Contracting Officer Pamela.L.Stichweh@noaa.gov	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Pamela L. Stichweh *(Signature of Contracting Officer)*	16C. DATE SIGNED 11/20/2006

b. The Change: The changes are considered in the best interest of the Government and are as follows:

Line item 4 - Dune and Beach fill	Quantity	Unit cost	Total cost
Base Bid	1,792,200	$5.55	$9,946,710.00
Increase in dune and beach fill	93,020	$12.62	$1,173,912.40
Revised total	1,885,200		$11,120,622.40
Line item 5 - Marsh fill	Quantity	Unit cost	Total cost
Base bid	950,200	$3.05	$2,898,110.00
Reduction in marsh fill	-204,819	$0.65	($133,132.35)
Revised total	761,821		$2,764,977.65
Line item 6 - Primary dikes	Quantity	Unit cost	Total cost
Base bid	20,294	$13.35	$270,924.90
Reduction in primary dikes	-3,936	$13.35	($52,545.60)
Revised total	16,358		$218,379.30
Net adjustment of contract price			**$988,234.45**

Credits for Line Item 5 - Marsh fill and Line Item 6 - Primary Dikes will be applied to Line Item 4 - Dune and Beach fill with identical line of FY05 accounting in the amount of $185,677.95. New line of FY07 accounting will be added for balance of increase to Line Item 4 in the amount of $988,234.45 for a total of $1,173,912.40.

Proof of additional bonding capacity as a result of this modification is due to the Contracting Officer within 15 calendar days of the effective date of this modification. This is your Notice To Proceed with the placement of the additional Dune and Beach Fill.

Revised construction template drawings are attached to this modification.

c. Time: The project completion date is extended an additional 70 days from November 24, 2006 to February 2, 2007.

d. Payment: Pricing Summary:

1. Original contract price: $15,549,195.40

2. Net Adjustment of Contract price pursuant to previous modification(s):

Modification P00001	0.00
Modification 0002	238,887.00
Modification 0003	32,993.62
Modification 0004	0.00
Modification 0005	(5,478.00)

3. Net adjustment of contract price pursuant to this modification:

Modification 0006 **988,234.45**

4. Total Contract Price: $16,803,832.47

In consideration of the modification agreed to herein, Contractor hereby agrees to remise, release and forever discharge the Government, its officers, agents and employees of and from all liabilities, obligations, claims, appeals and demands, whether known or unknown, asserted or unasserted, directly or indirectly, whether administrative or judicial, legal or equitable, arising under or related to such facts or circumstances giving rise to the changes to CLIN 0004, 0005, and 0006 and the contract completion date agreed to in this modification except for (if none, write "none below):

___None_____
_____
_____
_____

By signature of this modification, Contractor AGREES to the terms and conditions identified above, and AGREES to the Release of Claims as stated above.

SCHEDULE Continued					
Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0004	DUNE AND BEACH FILL	1,792,200	CY	5.55	9,946,710.00
	Accounting and Appropriation Data:				
	14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000 $ 9,946,710.00				
0004a	Dune and Beach Fill Increase – Mod 0006	93,020	CY	12.62	1,173,912.40
	Accounting and Appropriation Data:				
	14.07.2RL6RRS.P00.07.021002000.301300030000 0000.25270000.000000 $988,234.45				
0005	MARSH FILL	950,200	CY	3.05	2,898,110.00
	Accounting and Appropriation Data:				
	14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000 $ 2,898,110.00				
0005a	Marsh Fill – Credit – Mod 0006	(204,819)	CY	0.65	(133,132.35)
	Accounting and Appropriation Data:				
	14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000 ($133,132.35)				
0006	PRIMARY DIKES Credit 3,936 LF @13.35/lf – ($52,545.60)	16,358	LF	13.35	218,379.30
	Accounting and Appropriation Data:				
	14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000 $ 218,379.30				

WEEKS MARINE, INC.
DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE
304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

August 2, 2006

U.S. Department of Commerce/NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

Attn: Jason Manthey
Contracting Officer's Representative

Re: Chaland Headland Restoration
Contract No. WC1330-05-CN-1279

Dear Mr. Manthey:

In accordance with your recent request, Weeks Marine, Inc. (WMI) hereby submits its proposal to perform additional dune and beachfill placement on the referenced project. Increasing the scope of the dune and beachfill item involves complexities and implications that merit detailed explanation. A brief discussion of the pertinent issues is provided for your review.

As a result of changed conditions in the fill area since the project was initially designed, the quantity of material placed in the marsh platform will be reduced and the quantity of material required in the dune and beach template will be increased. The magnitude of the additional dune and beachfill is approximately 161,000 cy. Based upon the actual pit to fill ratio to date (1.68:1), the total quantity required to fill the dune and beach template will approach 2,000,000 cy. The design template volume equates to a required borrow volume of approximately 3,900,000 cy (i.e. 1.68:1 pit to fill / 22% sand remaining subsequent to dredging), or 300,000 cy in excess of sand available in the borrow area. In essence, the revised dune and beach template can be completed if, and only if, the overdredge tolerance is modified and WMI is allowed to effectively manage the fill (i.e. build containment cells, etc.). In absence of these accommodations, insufficient supplies of sand are available in the borrow area to complete construction of the dune and beach template as per the proposed modification.

Assuming that a greater dredging tolerance is allowed and construction of containment is permitted, several functional and operational factors will contribute to an increase in the unit price and the time required to perform the additional work. In order to expose the additional sand, a disproportionate amount of stripping will be required. On average, approximately 4 feet of stripping has been required to access 7 feet of sand. The placement of additional quantities of sand involve stripping approximately 11 feet of unsuitable material to access 5 feet of sand. In addition to the incremental stripping effort, the productivity of the dredge is significantly impacted by the diminished depth or

thickness of the available sand layer. Essentially, production is limited to the dredge's ability to cover a certain area over a given period of time (i.e. production is directly proportional to the thickness of the sand layer). In addition to the production limitations, the increased scope of work will be completed during a period of deteriorating weather thereby leading to additional time and cost. Furthermore, since bidding the project, the cost of fuel has increased by approximately 16%. The following price schedule for the incremental work is provided for your review and acceptance:

INCREASED SCOPE OF DUNE/BEACH:

Description	Quantity	Total Cost	Unit Price
Additional Dune/Beach Fill	160,731 cy	$ 932,240.00	$ 5.80
Stripping	415,000 cy	$1,245,000.00	$ 3.00
Composite Price	**575,731 cy**	**$2,177,240.00**	**$ 3.78**
Deducts:			
Marsh Fill Decrease	204,483	($ 132,914.00)	$ 0.65*
Primary Dike Decrease	4,239	($ 56,591.00)	$13.35
NET CHANGE IN CONTRACT PRICE		**$1,987,735.00**	

* Price reflects reduced cost of discharging overboard versus delivery to marsh

In the event the contract is modified to include the additional dune and beachfill placement, a time extension of thirty (30) days shall be applied to the performance period. WMI is available at your convenience to further discuss this proposal.

Sincerely,

WEEKS MARINE, INC.

J. Stephen Chatry
Vice President

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF ACQUISITION AND GRANTS
Central Region Acquisitions Division
601 East 12th Street, Room 1756
Kansas City, Missouri 64106

August 23, 2006

Mr. Michael Ernst
Weeks Marine, Inc.
304 Gaille Drive
Innwoods Business Park
Covington, LA 70433

Dear Mr. Ernst:

This letter is in response to Weeks Marine Incorporated (WMI) August 2, 2006 cost proposal for additional dune and beachfill placement on Contract WC133F-05-CN-1279 for Chaland Headland Restoration, Louisiana. There are a number of questions that we would like WMI to address prior to further Government consideration of the proposal.

1. WMI has stated that the "actual pit to fill ratio to date" is 1.68:1. Please describe what project data has been used to estimate the ratio. Is this ratio based on a surveyed volume of the borrow area or is it inferred based on a production rate measured by the dredge. Also, does this ratio represent only the volume placed within the fill template or the total volume placed on the beach (e.g., is fill placed outside the template included)?

2. Your proposal states that the excavated portions of the borrow area contain "22% sand remaining subsequent to dredging." We are unclear what this 22% refers to and what the basis is for this value. WMI indicated during the August 10 bi-weekly meeting that this is WMI's estimate of the volume of sand that is being left above the allowable cut depth. Is this included in the 1.68 pit to fill ratio? Is there a factor to account for the volume of sand in this remaining volume? We note that a ponar grab sample previously taken by the Government within a dredged portion of the borrow area suggested that fill remaining in the borrow area subsequent to dredging was mostly silt.

3. The total volume of beach fill included in your August 2, 2006 proposal is 1,965,474 cubic yards (cy). At a 1.68:1 pit to fill ratio, the volume of beach fill required to complete the base bid is 3,302,000 cy. WMI states that 3,900,000 cy are required from the borrow area. Please clarify this calculation.

4. Your proposal states that "in order to expose the additional sand, a disproportionate amount of stripping will be required." Please clarify where WMI originally intended to dredge to complete the base bid to assist the Government in assessing the need for a "disproportionate amount of stripping."

5. WMI states that the depth of stripping will increase from 4 feet to 11 feet. The Government's preliminary review does not suggest such an increase in stripping requirements. Stripping is a significant portion of your cost proposal. Please provide data and/or calculations to substantiate this increased depth of stripping.

6. WMI states that dredge productivity is reduced when dredging to "diminished depths." While there may be reduced productivity, the Government requires your assessment of the effect such reduced productivity on both stripping and beach fill to support the significant increase in your proposed unit price for beach fill.

7. Your proposal separates the beach fill into stripping and additional beach/dune fill. The cost for beach fill has effectively increased from $5.55/cy to $13.85/cy. Given this significant increase and the statement that there would be significantly more stripping required to access the proposed 160,731 cy of additional beach fill, please provide a breakdown of stripping and beach fill costs for the original bid to allow the Government to more accurately assess the significance of additional stripping requirements.

8. WMI has proposed a credit for reduced marsh fill volume of $0.65/cy. The Government understands the proposed unit price of this credit to mean that $0.65/cy is the incremental cost of marsh site layout, moving and extending the discharge pipe into marsh fill areas, pumping the material to the marsh fill area (an additional three to six miles further than that required for sidecasting), and filling the marsh to the specified grade. Based on the information provided in your proposal, this incremental cost seems disproportionately low given a base cost of $3.00/cy to strip and sidecast overburden. Please provide additional information to assist the Government in further review of your cost proposal.

9. Please clarify whether items such as overhead, profit, and bonds are included in the proposed "net change in contract price." If so, then these items should be separated from unit costs.

10. The production rate for stripping (including downtime) is 1,860 cy/hour (based on the Daily Quality Control Reports). The additional time for stripping is therefore about nine days, given the estimate of 415,000 cy to be removed. The production rate for beach fill is 1,662 cy/hour, which suggests that four days would be needed to place the additional 161,713 cy of beach fill (we do note that there will be a decrease in production rate as the fill extends further from the borrow area). WMI has requested an additional 30 days place the additional beach fill. Even assuming weather delays may increase during the fall months, the Government believes the requested 30 days may be excessive. Please substantiate your request for additional time that is almost double that which would be expected given the current production rate.

11. WMI has requested that the overdredging tolerance be increased. The Government is currently in the process of permitting the increased cut depth. Please indicate what effect such increase would have on the proposed unit cost for additional beach and dune fill.

12. Can WMI provide a current/recent borrow area survey or its calculation of the fill remaining in the borrow area to assist the Government with further analysis of your cost proposal?

The Government is very interested in resolving the above issues to allow for the additional beach fill material to be placed under this contract. As you are aware, the current construction schedule

maintained by WMI indicates that the base bid work will be completed at the end of October. Consequently, expedited resolution of this matter will be required to determine if an equitable modification to the contract can be achieved. Please reply at your earliest convenience, but not later than August 31, 2006, including a revised cost proposal if appropriate. In the meantime, do not hesitate to contact Jason Manthey, at (816) 426-7841 or email at jason.l.manthey@noaa.gov or you may contact me at (816)-426-2067 or email at pamela.l.stichweh@noaa.gov if you have questions.

Sincerely,

Pamela L. Wittler-Stichweh

Pamela L. Wittler-Stichweh
Contracting Officer

Cc:
J. Manthey, PPMD
R Sweeney, NMFS
G. Thomson, CPE
S Chatry, WMI

WEEKS MARINE, INC.

DREDGING – MARINE CONTRACTORS
STEVEDORING – EQUIPMENT RENTALS
TOWING – HEAVY LIFT – SALVAGE

304 GAILLE DRIVE • COVINGTON LA 70433 Office (985) 875-2500 Fax (985) 875-2570

CASE PROCUREMENT
2006 AUG 30 AM 9: 30

August 28, 2006

U.S. Department of Commerce / NOAA
Central Region Acquisition Division
601 East 12th Street, Room 1756
Kansas City, MO 64106

Attn: Pamela L. Wittler-Stichweh
Contracting Officer

Re: Chaland Headland Restoration
Contract No. WC133F-05-CN-1279

Ms. Wittler-Stichweh

This letter is in response to NOAA August 23, 2006 question concerning WMI cost proposal for additional dune and beachfill placement on Contract WC133F-05-CN-1279 for Chaland Headland Restoration, Louisiana. Listed below are the responses to the question addressed to WMI.

1. The "actual pit to fill ratio to date" was estimated based on WMI DDR Report #58 dated July 25, 2006. The information on this report was based on Survey Data acquired from the Borrow Area and Beachfill template. The volumes represent the total gross yardage excavated from the borrow area verses the pay yardage lying within the beach template.

2. The 22% of sand is the yardage of material left within the dredge template divided by the total available yardage. This yardage is not included in the 1.68 pit to fill ratio.

3. To calculate the estimated total borrow area volume one would take the required beach fill of 1,965,474 cy times the 1.68:1 pit to fill times the percent of material left in the borrow area. (Ex. 1,964,474 CY * 1.68 = 3,302,000 CY * 1.22 = 4,028,440 CY).

4. Please see attached drawing.

5. Please see attached drawing.

6. WMI assessment of the effects of diminished depths of sand and mud are as follows:
   - The production rate is limited to the coverage and the ability of the dredge cut sand, hence as the face of material decrease the dredge will maintain the same coverage rate therefore reducing the hourly quantity excavated.
   - The production rate for mud or stripping is dependent upon the amount of material removed per swing, which is usually 4 foot per swing or 8 foot per set. When the

dredge encounters an increase in face of mud above 8 foot it will has to double swing pre set to clear the section, which will decrease the hourly production.

7. WMI original cost breakdown was as follows:

Dune and Beachfill	1,792,200 CY	$4.45	$7,972,290.00
Estimated Stripping	1,000,000 CY	$1.9714	$1,971,420.00

8. As of Report #58 dated July 25, 2006 the stripping average daily production rate was 47,657 cy /day and the marsh fill average daily production rate was 38,066 cy/day. The marsh production is 80% of the stripping production, therefore the marsh bid unit was $3.05 times 80% equal $2.44 from the original $3.05 would yield $0.61. Therefore WMI is offering a $0.65 decrease in the unit cost for Marsh Fill.

9. Please see Revised Cost Proposal below.

10. WMI revises additional time request from 30 days to 20 days. Used Average Production rate plus Weather Delay

11. Please see Revised Cost Proposal below.

12. See attached.

Increased Scope of Dune and Beachfill:

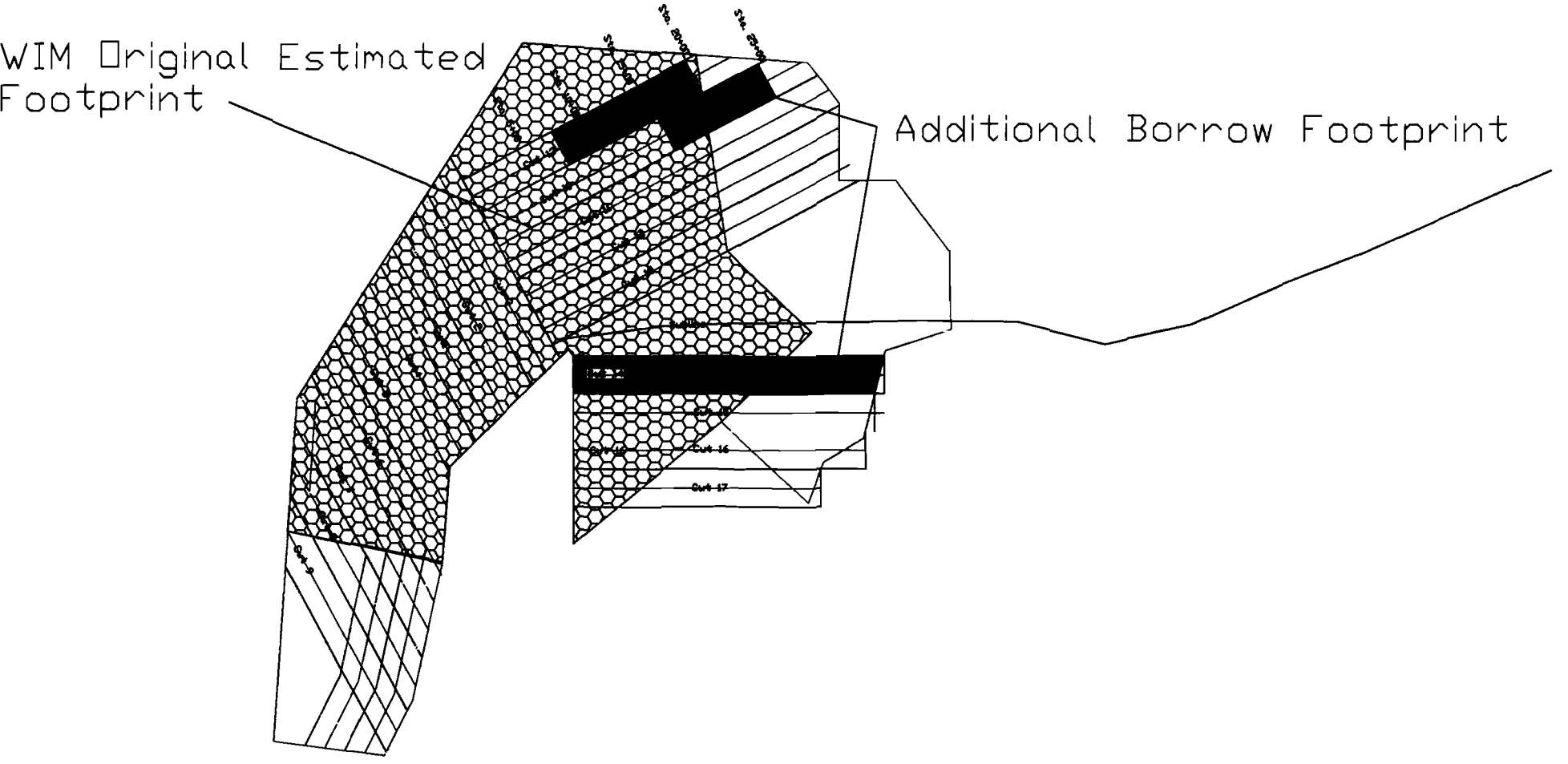
Description	Quantity	Total Cost	Unit Cost
Additional Dune/Beach Fill	160,731 CY	$ 739,363.60	$4.60
Stripping	415,000 CY	$ 987,700.00	$2.38
Composite Cost	575,731 CY	$1,727,062.60	$3.00
Deducts:			
Marsh Fill Decrease	204,483 CY	($ 104,286.33)	$0.51*
Primary Dike Decrease	4,239 CY	($ 44,891.01)	$10.59
Net Change to Total Cost		**$1,577,885.26**	
Field Admin.	**3%**	**$47,336.56**	
G & A	**10.74%**	**$174,548.82**	
Profit	**10%**	**$179,977.06**	
Bond	**0.33%**	**$6,533.17**	
Net Change in Contract Price		**$1,986,280.87**	

* Price reflects reduced cost of discharging overboard versus delivery to marsh

We look forward to working with you on this project. If you have any question or concerns please feel free to call me at (985) 875-2500.

Sincerely,
Weeks Marine Inc.,

By: Chuck Broussard
Estimator


WIM Original Estimated Footprint
Additional Borrow Footprint

Weeks Marine, Inc.

5

Chaland Headland
Contract: 12050258
CUT VOLUMES

Volume calculation date: 08/28/2006

Average station	Required dist.	Required area	Required volume	Ovr. dep area	Ovr. dep volume	Total volume	Cu. yds per ft.
* 0.0		* 5262.1					
	* 10.7		* 2088.8			* 2088.8	* 194.9
10.7		5262.1		None			
	26.8		5219.8		None	5219.8	194.9
* 37.5		* 5262.1					
	* 66.3		* 12735.2			* 12735.2	* 192.1
103.8		5113.6		None			
	95.8		17878.4		None	17878.4	186.6
199.6		4962.0		None			
	106.5		19224.1		None	19224.1	180.5
* 306.1		* 4785.4					
	* 2.9		* 511.0			* 511.0	* 177.4
309.0		4793.4		None			
	87.7		15861.3		None	15861.3	180.9
396.6		4977.4		None			
	49.3		9186.5		None	9186.5	186.5
* 445.9		* 5093.3					
	* 60.7		* 11459.7			* 11459.7	* 188.8
506.6		5100.8		None			
	104.4		19628.7		None	19628.7	188.0
611.0		5050.2		None			
	93.2		17595.6		None	17595.6	188.9
704.2		5148.0		None			
	95.2		17902.8		None	17902.8	188.0
799.4		5005.5		None			
	109.8		20347.8		None	20347.8	185.3
909.2		5000.1		None			
	96.1		17733.5		None	17733.5	184.5
1005.3		4962.4		None			
	102.7		18801.6		None	18801.6	183.0
1108.1		4919.1		None			
	104.3		19048.5		None	19048.5	182.7
1212.4		4945.5		None			
	88.2		16096.3		None	16096.3	182.5
1300.5		4911.9		None			
	107.0		19359.3		None	19359.3	180.9
1407.5		4858.8		None			
	87.0		15731.7		None	15731.7	180.8
1494.5		4906.0		None			
	109.6		19810.1		None	19810.1	180.7
1604.2		4851.7		None			
	100.2		18032.8		None	18032.8	180.0
1704.3		4870.7		None			
	92.4		16580.8		None	16580.8	179.5
1796.7		4821.9		None			
	107.7		19232.4		None	19232.4	178.6
1904.4		4823.5		None			
	97.6		17357.2		None	17357.2	177.8

CUT 14

Total Material Removed

442,358

MUD = 287,258

SAND = 155,100

Total = 442,358

6

Average station	Required dist.	Required area	Required volume	Ovr. dep area	Ovr. dep volume	Total volume	Cu. yds per ft.
2002.0		4778.9		None			
	94.1		16641.0		None	16641.0	176.8
2096.1		4770.1		None			
	104.7		18393.0		None	18393.0	175.7
2200.8		4716.1		None			
	88.7		15496.2		None	15496.2	174.8
2289.5		4721.3		None			
	102.6		17916.8		None	17916.8	174.6
* 2392.1		* 4704.6					
	* 6.9		* 1137.5			* 1137.5	* 165.3
2399.0		4219.9		None			
	30.4		3714.4		None	3714.4	122.1
* 2429.4		* 2374.2					
	* 37.2		* 1635.6			* 1635.6	* 44.0
* 2466.6		* 0.0					
	* 33.4		* 0.0			* 0.0	* 0.0
* 2500.0		* 0.0					
	* 0.0		* 0.0			* 0.0	
2501.4		0.0		None			
	None		None		None	0.0	None
	Required dist. (Total)	Required area (Avg.)	Required volume (Total)	Ovr. dep area (Avg.)	Ovr. dep volume (Total)	Total volume (Total)	Cu. yds per ft. (Avg.)
	2500.0	4411.0	442358.3	0.0	0.0	442358.3	176.9

Cut line:	Template:	Section:	Starting station:	0.0
CUT14.CUT	CUT14SND.TMP	BD	Ending station:	2500.0

Weeks Marine, Inc.

Chaland Headland
Contract: 12050258
CUT VOLUMES

7

Volume calculation date: 08/28/2006

Average station	Required dist.	Required area	Required volume	Ovr. dep area	Ovr. dep volume	Total volume	Cu. yds per ft.
795.6		4306.0		None			
	None		None		None	0.0	None
* 800.0		* 4306.0					
	* 96.3		* 15367.7			* 15367.7	* 159.6
896.3		4311.3		None			
	105.0		16779.0		None	16779.0	159.8
1001.3		4316.3		None			
	96.2		15294.4		None	15294.4	159.0
1097.5		4270.0		None			
	102.7		16270.7		None	16270.7	158.4
1200.2		4281.8		None			
	94.2		14964.6		None	14964.6	158.9
1294.4		4298.1		None			
	106.4		16957.4		None	16957.4	159.4
1400.8		4307.6		None			
	94.9		15156.7		None	15156.7	159.7
1495.7		4318.8		None			
	106.6		17038.6		None	17038.6	159.8
1602.4		4309.4		None			
	92.4		14729.6		None	14729.6	159.5
1694.7		4302.7		None			
	109.8		17574.2		None	17574.2	160.0
1804.5		4339.6		None			
	89.9		14561.5		None	14561.5	162.0
1894.4		4409.4		None			
	71.6		11767.3		None	11767.3	164.3
* 1966.0		* 4465.0					
	* 34.0		* 5246.1			* 5246.1	* 154.3
* 2000.0		* 3867.0					
	* 0.0		* 0.0			* 0.0	* 143.2
2003.1		3867.0		None			
	None		None		None	0.0	None
2393.7		None		None			
	None		None		None	None	None
	Required dist. (Total)	Required area (Avg.)	Required volume (Total)	Ovr. dep area (Avg.)	Ovr. dep volume (Total)	Total volume (Total)	Cu. yds per ft. (Avg.)
	1200.0	4267.3	191707.8	0.0	0.0	191707.8	159.8

Cut line:	Template:	Section:	Starting station: 800.0
CUT_13.CUT	CUT13SND.TMP	BD	Ending station: 2000.0

CUT 13

Total Material Removed

191,708

MUD = 62,141

SAND = 129,567

Total = 191,708

Weeks Marine, Inc.

8

Chaland Headland
Contract: 12050258
CUT VOLUMES

Volume calculation date: 08/28/2006

Average station	Required dist.	Required area	Required volume	Ovr. dep area	Ovr. dep volume	Total volume	Cu. yds per ft.
795.6		1097.0		None			
	None		None		None	0.0	None
* 800.0		* 1097.0					
	* 96.3		* 3908.5			* 3908.5	* 40.6
896.3		1094.6		None			
	105.0		4252.5		None	4252.5	40.5
1001.3		1092.0		None			
	96.2		3794.2		None	3794.2	39.4
1097.5		1038.1		None			
	102.7		3958.1		None	3958.1	38.5
1200.2		1042.3		None			
	94.2		3650.9		None	3650.9	38.8
1294.4		1050.9		None			
	106.4		4145.4		None	4145.4	39.0
1400.8		1052.8		None			
	94.9		3705.8		None	3705.8	39.1
1495.7		1056.4		None			
	17.3		676.2		None	676.2	39.1
* 1513.0		* 1056.4					
	* 89.4		* 4957.0			* 4957.0	* 55.5
1602.4		1939.3		None			
	92.4		6609.3		None	6609.3	71.6
1694.7		1925.0		None			
	109.8		7888.6		None	7888.6	71.8
1804.5		1954.3		None			
	89.9		6608.7		None	6608.7	73.5
1894.4		2016.4		None			
	105.6		7985.7		None	7985.7	75.6
* 2000.0		* 2067.0					
	* 0.0		* 0.0			* 0.0	* 76.6
2003.1		2067.0		None			
	None		None		None	0.0	None
2393.7		None		None			
	None		None		None	None	None
	Required dist. (Total)	Required area (Avg.)	Required volume (Total)	Ovr. dep area (Avg.)	Ovr. dep volume (Total)	Total volume (Total)	Cu. yds per ft. (Avg.)
	1200.0	1415.4	62140.7	0.0	0.0	62140.7	51.8

Cut line:	Template:	Section:	Starting station:	800.0
CUT_13.CUT	CUT13MUD.TMP	BD	Ending station:	2000.0

CUT 13

Total MUD REMOVED
62,141 cyds.

Weeks Marine, Inc.

(9)

Chaland Headland
Contract: 12050258
CUT VOLUMES

Volume calculation date: 08/28/2006

Average station	Required dist.	Required area	Required volume	Ovr. dep area	Ovr. dep volume	Total volume	Cu. yds per ft.
* 1600.0		* 4330.1					
	* 3.4		* 537.9			* 537.9	* 160.4
1603.4		4330.1		None			
	92.4		14783.4		None	14783.4	160.1
1695.7		4313.4		None			
	109.8		17618.3		None	17618.3	160.4
1805.5		4350.7		None			
	89.9		14576.2		None	14576.2	162.2
1895.4		4407.3		None			
	59.6		9802.8		None	9802.8	164.5
* 1955.0		* 4474.0					
	* 38.2		* 6117.7			* 6117.7	* 160.1
* 1993.2		* 4174.0					
	* 10.9		* 1671.3			* 1671.3	* 153.6
2004.1		4120.5		None			
	27.0		4001.1		None	4001.1	148.1
* 2031.1		* 3876.0					
	* 70.2		* 10163.5			* 10163.5	* 144.8
2101.3		3945.7		None			
	109.6		15888.0		None	15888.0	144.9
2210.9		3880.8		None			
	85.6		12209.1		None	12209.1	142.7
2296.5		3823.4		None			
	35.0		4942.7		None	4942.7	141.1
* 2331.5		* 3795.2					
	* 63.2		* 8945.1			* 8945.1	* 141.5
2394.7		3844.0		None			
	105.3		14966.3		None	14966.3	142.2
* 2500.0		* 3833.2					
	* 0.0		* 0.0			* 0.0	* 142.0
2503.0		3833.2		None			
	None		None		None	0.0	None
2594.1		None		None			
	None		None		None	None	None
2705.4		None		None			
	None		None		None	None	None
2801.4		None		None			
	None		None		None	None	None
	Required dist. (Total)	Required area (Avg.)	Required volume (Total)	Ovr. dep area (Avg.)	Ovr. dep volume (Total)	Total volume (Total)	Cu. yds per ft. (Avg.)
	900.0	4083.2	136223.4	0.0	0.0	136223.4	151.4

Cut line:	Template:	Section:	Starting station:	1600.0
CUT10.CUT	CUT10SND.TMP	BD	Ending station:	2500.0

CUT 10

Total Material Removed 136,223 cyds.

MUD = 81,649

SAND = 54,574

Total = 136,223

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF ACQUISITION AND GRANTS
Central Region Acquisitions Division
601 East 12th Street, Room 1756
Kansas City, Missouri 64106

September 18, 2006

Mr. Michael Ernst
Weeks Marine, Inc.
304 Gaille Drive
Innwoods Business Park
Covington, LA 70433

Dear Mr. Ernst:

This letter is in response to Weeks Marine Incorporated (WMI) August 2, 2006 cost proposal and clarifying cost proposal dated August 28, 2006 for additional dune and beach fill placement on Contract WC133F-05-CN-1279 for Chaland Headland Restoration, Louisiana.

I would like to draw your attention to clause I. 13 52.211-18 of the contract entitled Variation In Estimated Quantity. This clause states as follows:

Variation in Estimated Quantity (Apr 1984)

If the quantity of a unit-priced item in this contract is an estimated quantity and the actual quantity of the unit-priced item varies more than 15 percent above or below the estimated quantity, an equitable adjustment in the contract price shall be made upon demand of either party. The equitable adjustment shall be based upon any increase or decrease in costs due solely to the variation above 115 percent or below 85 percent of the estimated quantity. If the quantity variation is such as to cause an increase in the time necessary for completion, the Contractor may request, in writing, an extension of time, to be received by the Contracting Officer within 10 days from the beginning of the delay, or within such further period as may be granted by the Contracting Officer before the date of final settlement of the contract. Upon the receipt of a written request for an extension, the Contracting Officer shall ascertain the facts and make an adjustment for extending the completion date as, in the judgment of the Contracting Officer, is justified.

In accordance with the above clause I request that you revise your proposal as follows:

1. It appears from your proposal that your estimate for additional Dune and Beach Fill (Line Item 0004) falls within the 115% limit for quantities exceeding the original estimated quantity. Therefore your proposed increased quantity above the base bid item should be at the bid rate of $5.55/cubic yard (CY). You are also requested to review the overburden removal (stripping) calculations which your quantities are based upon.

2. Your proposed decrease in Marsh Fill appears to be less than the 85% variation from the original estimated quantity. Therefore the bid price of $3.05/CY (Line Item 0005) should be applied as a credit for those quantities between 85% and 100% of the original estimated quantity.

Quantities below 85% may require a negotiated equitable adjustment. In accordance with the VEQ Clause any equitable adjustment will be based on the increase or decrease in costs due solely to the variation of the estimated quantity below 85%. Does your proposed credit for quantities below the 85% reflect the costs/credits solely associated with that quantity of marsh fill activities? Provide a basis for your proposed rate.

3. Your proposed reduction in the Primary Dike also appears to be less than the 85% variation for the original estimated quantity. Therefore the bid price of $13.35/linear foot (lf) (Line Item 0006) should be applied as a credit for those quantities between 85% and 100% of the original estimated quantity. Quantities below 85% may require a negotiated equitable adjustment. In accordance with the VEQ Clause any equitable adjustment will be based on the increase or decrease in costs due solely to the variation of the estimated quantity below 85%. You have proposed a cost reduction of $13.35/lf that is identical to the bid unit cost for the entire amount. Please verify that this is your proposed rate.

Expedited resolution of this matter will be required to determine if an equitable modification to the contract can be achieved. Please reply at your earliest convenience, but not later than September 25, 2006, including a revised cost proposal. In the meantime, do not hesitate to contact Jason Manthey, at (816) 426-7841 or email at jason.l.manthey@noaa.gov or you may contact me at (816)-426-2067 or email at pamela.l.stichweh@noaa.gov if you have questions.

Sincerely,

Pamela L. Wittler-Stichweh
Contracting Officer

Cc:
J. Manthey, PPMD
R Sweeney, NMFS
G. Thomson, CPE
S Chatry, WMI

WEEKS MARINE, INC.

DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE

304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

September 25, 2006

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
601 East 12th Street, Room 1756
Kansas City, Missouri 64106

Attn: Pamela Stichweh
Contracting Officer

Re: Chaland Headland Restoration, Louisiana
Contract No. WC133F-05-CN-1279

Dear Ms. Stichweh:

Weeks Marine, Inc. (WMI) is in receipt of your correspondence dated September 18, 2006 regarding the Chaland Headland project. Although your letter specifically addresses the Variation in Estimated Quantity provision, a more pressing and related issue involves the quantity and quality of sand available in the borrow pit to complete the remainder of the beach and dune template.

From the outset of operations, WMI has been concerned that an insufficient quantity of sand is available to complete the beach and dune template. High percentages of silt, extremely fine sand and restrictions on the dredging operation and the containment of fill has significantly compromised our ability to achieve acceptable pit to fill ratios. That being said, a significant proportion of the material placed outside the pay template is within the near shore zone. The placement of material in this near shore zone is extremely valuable in that it provides a buffer and dampens wave energy in the beach/dune area thereby extending the life expectancy of the design profile. In an effort to more effectively utilize the available material in the borrow area, it is recommended that closed containment be allowed subsequent to the "basing-in" process. Although a marginal increase the percentage of silt in the beach/dune template will result, this approach will significantly improve the probability of completing the required template with the limited quantity of material remaining in the borrow area.

Based upon our analysis of the borrow area, location of material placed outside the template and our extensive experience in the construction of coastal restoration projects, WMI proposes the following modifications to the current operations:

1) Subsequent to "basing in" the beach/dune, construct closed containment cells to improve retention and relax the 15% allowable silt content at the upper elevations of the template

2) Reconfigure the limits of the remainder of the borrow area to minimize the percentages of silt on the beach

3) Modify the beach/dune template to accommodate the quantity of sand available in the pit

In addition to the proposed changes set forth above, WMI requests a slope adjustment in accordance with the Technical Provision entitled *"One Time Beach and Dune Slope Adjustment"* (Paragraph 21, Page TP-15). This adjustment will provide relief on account of the material placed within the near shore zone but outside the existing pay template.

In regards to your position relative to the Variation in Estimated Quantities clause, it is our opinion that the scope of the work has changed so dramatically (i.e. unfavorable pit to fill ratios), imposing the obligation of placing additional fill at the contract unit price represents an unreasonable burden on the contractor. WMI has and will continue to exhaust every effort to improve fill retention. Reducing pump speed, utilizing multiple fill lines and elbows and constructing extensive systems of training dikes are just a few examples of our efforts to compensate for the poor quality of fill and a required beach/dune template that is less than compatible with the available material.

WMI is available at your convenience to further discuss the recommendations set forth above. It is essential that the parties meet as soon as possible to address these issues and develop a plan that optimizes the material remaining to complete the project.

Sincerely,

WEEKS MARINE, INC.

J. Stephen Chatry
Vice President

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF ACQUISITION AND GRANTS
Central Region Acquisitions Division
601 East 12th Street, Room 1756
Kansas City, Missouri 64106

September 29, 2006

Mr. Michael D. Ernst,
Weeks Marine Incorporated
304 Gaille Drive
Innwoods Business Park
Covington, Louisiana 70433

Dear Mr. Ernst;

Reference is made to Mr. Stephen Chatry's letter dated September 25, 2006 regarding Contract WC133F-05-CN-1279 for Chaland Headland Restoration, Louisiana. It appears that letter was in response to my September 18, 2006 request for a revised cost proposal for an additional dune and beach fill quantity, decrease in Marsh Fill, and reduction in the quantity of the Primary Dike. However, your letter of September 25, 2006 did not include a revised cost proposal as requested in my September 18 letter. Your letter raises several issues that I would like to address before reiterating the Government's request for a revised cost proposal.

Your letter raises concerns regarding the adequacy of the borrow area to complete project construction. In light of the potential depletion of the current borrow area and also considering the Government's commitment to construction of the complete project, the Government has identified a supplemental borrow area. The Government is currently acquiring all regulatory approvals to use up to 500,000 CY from this supplemental borrow area, and we anticipate such approvals will be completed on or about October 10, 2006. The supplemental borrow area has been through geotechnical and geophysical investigations identical to those conducted on the existing borrow area. Construction drawings for the supplemental area are attached for your reference (Attachment 1). Detailed geotechnical and geophysical information will be forwarded to you electronically or posted on an ftp site by Tuesday, October 3, 2006. Note that the Government intends to allow Weeks Marine Inc. (WMI) to use only the southeastern portion of the supplemental borrow area as generally delineated by cross sections D1-B and D1-E; specific coordinates of this portion of the borrow area will be provided with the detailed borrow area information. In the event that the current borrow area is substantially depleted before construction completion, the Government intends to direct WMI to use the supplemental area to complete the project.

Your letter also proposes a slope adjustment in accordance with Section 21 of the Technical Provisions. An adjustment in project slope will not change the total beach and dune quantity, and therefore, will have little or no impact on overall project performance. However, template adjustments required to maintain a "volume neutral" template will result in narrowing of the dune width, which will reduce some project benefits and NOAA performance standards (i.e.,

Despite some reductions in project benefits, the Government does concur that a change in slope may be acceptable due to on-going construction challenges and your company's diligent efforts to effectively manage the fill. While Technical Provision 21 requires that the Contractor propose the revised slope, the Government has attached a template that it would find satisfactory (Attachment 2). The Government is proposing a 1V:90H slope below +1.0 feet, NAVD, and a 1V:30H slope above +1.0 feet, NAVD. This adjustment will allow more of the placed fill to be captured in the pay template while minimizing attendant narrowing of the dune crest and resulting reductions in created dune acres. Please notify the Government at your earliest convenience regarding the acceptability of the proposed slopes as depicted or in accordance with Technical Provision 21 submit a proposal for a revised slope with all appropriate supporting documentation.

In the event that this slope adjustment is acceptable, a contract modification may be issued. The Government will furnish revised construction plans to WMI within 5 business days of WMI and the Government accepting the slope adjustment. Based on construction progress as of September 27, 2006, the Government proposes implementing this slope adjustment from Sta 83+00 to Sta 150+19.

Regarding your recommended operations modifications, the Government does not intend to allow complete containment of the beach and dune fill nor does the Government intend to increase the allowable silt content. The Government notes that project performance is significantly dependent on the physical dynamics of a sandy template and also on the net quantity of sand placed in the template (i.e., total volume less estimated silt content). The primary purpose of the project is to re-build the shoreline with sand to minimize long-term losses over the 20-year project life. The Government believes that sand content of the beach and dune is vital to project performance and note that the contract requirements regarding containment and maximum silt content are clearly described in the bid documents. Sampling and analyses of beach and dune fill to date demonstrate that it is feasible to meet the silt content requirements.

Regarding reconfiguration of the existing borrow area; the Government does not believe that increased efficiency can be achieved within the current horizontal and vertical limits of that area. The supplemental borrow area should address concerns regarding material availability. Furthermore, in the event that a mutually agreeable slope adjustment is implemented, WMI operations should proceed with increased efficiency.

Your last specific recommendation is to adjust the beach and dune template to accommodate the volume of material remaining in the current borrow area. As stated above, the supplemental borrow area is anticipated to provide ample material to complete the originally estimated volume of 1,792,200 cubic yards (CY), as well as the additional 160,000 CY beach and dune fill requested by the Government. Total project volume requirements to maintain a full project life have been calculated by the design team and the Government is committed to construction of the complete project.

Please prepare a revised cost estimate for the additional 160,000 CY of beach and dune fill. Your proposal should consider the provision of the supplemental borrow area and a change in slope (either the Government's proposed change in slope if acceptable or your recommended

alternative). Please provide a detailed breakdown that quantifies any increase over the base bid unit price and any costs associated with relocation to the supplemental borrow area. Your proposal should also address any additional contract time extensions that you believe are necessary to complete the project and place the additional 160,000 CY.

The proposal should represent a reasonable assessment of costs for only the additional 160,000 CY in light of all provisions of your contract with the Government, and considering the above technical issues and current operational considerations. Your proposal may include consideration of leaving minor (i.e., less than 50,000 CY) of unexcavated material in the existing borrow area prior to relocating to the supplemental borrow area provided that you clearly demonstrate overall benefits to the efficiency of your operations to obtain the additional 160,000 CY. You may also propose at your discretion and in addition to your required proposal for the 160,000 CY, a lesser volume of at least 90,000 CY that WMI believes may represent an optimal efficiency. Your proposal is requested by October 10, 2006 (one week after posting of the detailed geotechnical and geophysical data).

The Government remains committed to resolution of these final project issues and completion of a complete project. Please remember that your proposal is still subject to negotiation and acceptance by the Government and the terms and conditions of the contract. Please do not hesitate to contact me (816)-426-2067 or email at pamela.l.stichweh@noaa.gov if you have questions about this matter.

Sincerely,

Pamela L. Wittler-Stichweh
Contracting Officer

Attachment 1 – Sheet 34 BA D-1 Bathymetric Survey; Sheet 35 BA D-1 silt/clay elevation; Sheet 36 BA D-1 beach/dune material; Sheet 37 BA D-1 cross sections; and Sheet 38 BA D-1 cross sections
Attachment 2 – Slope adjustment typical cross-section

CC (w/out Attachments): J. Manthey, PPMD
R. Sweeney, NMFS
G. Thomson, CPE

WEEKS MARINE, INC.
DREDGING - MARINE CONTRACTORS
STEVEDORING - EQUIPMENT RENTALS
TOWING - HEAVY LIFT - SALVAGE
304 GAILLE DRIVE • COVINGTON, LA 70433 Office (985) 875-2500 Fax (985) 875-2572

October 10, 2006

United States Department of Commerce
National Oceanic and Atmospheric Administration
Central Region Acquisition and Grants
601 East 12th Street, Room 1756
Kansas City, Missouri 64106

Attn: Pamela L. Wittler-Stichweh
Contracting Officer

Re: Chaland Headland Restoration Project
Contract No. WC133F-05-CN-1279

Dear Ms. Stichweh:

Weeks Marine, Inc. (WMI) is in receipt of your request for proposal dated September 29, 2006. In response to your request, WMI offers the following information for your review and consideration.

In an effort to demonstrate the cost to perform the additional work, WMI has analyzed its performance to date and based its projections for the additional work on this information. Attachment No. 1 details our performance to date and provides projections for the completion of the additional work. It should be noted that the projections are likely to be aggressive as a result of two factors:

1) Historical productions are influenced by very favorable weather conditions (i.e. less than 6% lost time due to weather to date). It is anticipated that the onset of winter will result is a significant increase in lost time due to weather.

2) The location of the additional borrow source is farther from the dredge area. The increase in transport distance will result in reduced production.

Attachment No. 2 includes the daily cost associated with the dredging operation. The costs associated with equipment, labor, supplies and other indirect costs are included in this attachment. Based upon our past production and the actual daily costs, the additional quantity of 160,000 cy will require 17.9 days to complete at a total cost of $1,834,657.00. Again, it is anticipated that, due to adverse weather conditions and the proximity of the new borrow area to the fill area, the total time and cost is likely understated. Due to the unfavorable pit-to-fill ratios to date and the uncertainty associated with the alternate borrow source, WMI is unable to warrant that the additional quantity of 160,000 cy is sufficient to complete the project as currently designed.

The projections are based upon utilizing the alternate borrow area for the entire amount of the additional quantity. In your letter you indicate that only 50,000 cy of sand will be remaining in the primary borrow area. WMI estimates the remaining quantity to exceed 300,000 cy of sand. The large quantity of sand remaining is predominantly a function of tight dredging tolerances during a significant potion of the contract. Furthermore, the sand remaining in the borrow area has been covered with stripping and is no longer available for mining.

Unfavorable weather and dismal pit-to-fill ratios significantly limit out ability to quantify the risk associated with the completion of the work. For example, if the operation was to sustain one weather event during the eighteen day performance period, the total cost could increase by over 20%. Furthermore, an unfavorable variation in the pit-to-fill ratio exponentially increases our exposure to additional performance time and cost. Poor pit-to-fill ratios result in increased gross quantities, additional stripping and ultimately increased exposure to other operational perils. In light of these complications and uncertainties, WMI proposes that the work be accomplished on a time and materials basis. Under the circumstances, WMI believes that this approach is in the best interest of both parties.

In summary, it is anticipated that approximately 700,000 cy of in-place sand is required to complete the revised contract quantity (i.e. 1,792,200 cy {base} plus 160,000 cy {mod}). At a pit-to-fill ratio of 2 to 1, a gross volume of 1,400,000 cy must be dredged to construct the design template. Approximately 1,000,000 cy from the primary borrow pit and 400,000 cy from the alternate borrow pit will be required to complete the template.

If you have any questions or require additional information regarding the proposal please contact me.

Sincerely

WEEKS MARINE, INC.

J. Stephen Chatry
Vice President

ATTACHMENT NO. 1

CHALAND HEADLAND RESTORATION PROJECT
CONTRACT NO. WC133F-05-CN-1279

HISTORICAL PRODUCTION:

Beach/Dune (10/7/06)

Total Pay Quantity Placed	1,242,349 cy
Operating Time	1,233 hrs
Production (Pay CY/HR)	**1,008 cy/hour**
Total Time	1,585 hrs
Operating Time	1,233 hrs
Operating Efficiency (Total/Operating)	**78%**

Stripping (10/7/06)

Total Quantity Stripped	2,376,457 cy
Operating Time	892 hrs
Production (Pay CY/HR)	**2,664 cy/hour**
Total Time	1,249 hrs
Operating Time	892 hrs
Operating Efficiency (Total/Operating)	**71%**

PROJECTION:

Beach/Dune

Total Pay Quantity Required	160,000 cy
Production Rate (cy/hr)	1,008 cy/hr
Pumping Time Required	159 hrs
Operational Efficiency	0.78
Total Time Required to Place	204 hrs
	8.5 days

Stripping

Total Stripping Quantity Required	431,000 cy
Production Rate (cy/hr)	2,664 cy/hr
Pumping Time Required	162 hrs
Operational Efficiency	0.71
Total Time Required to Strip	227 hrs
	9.4 days

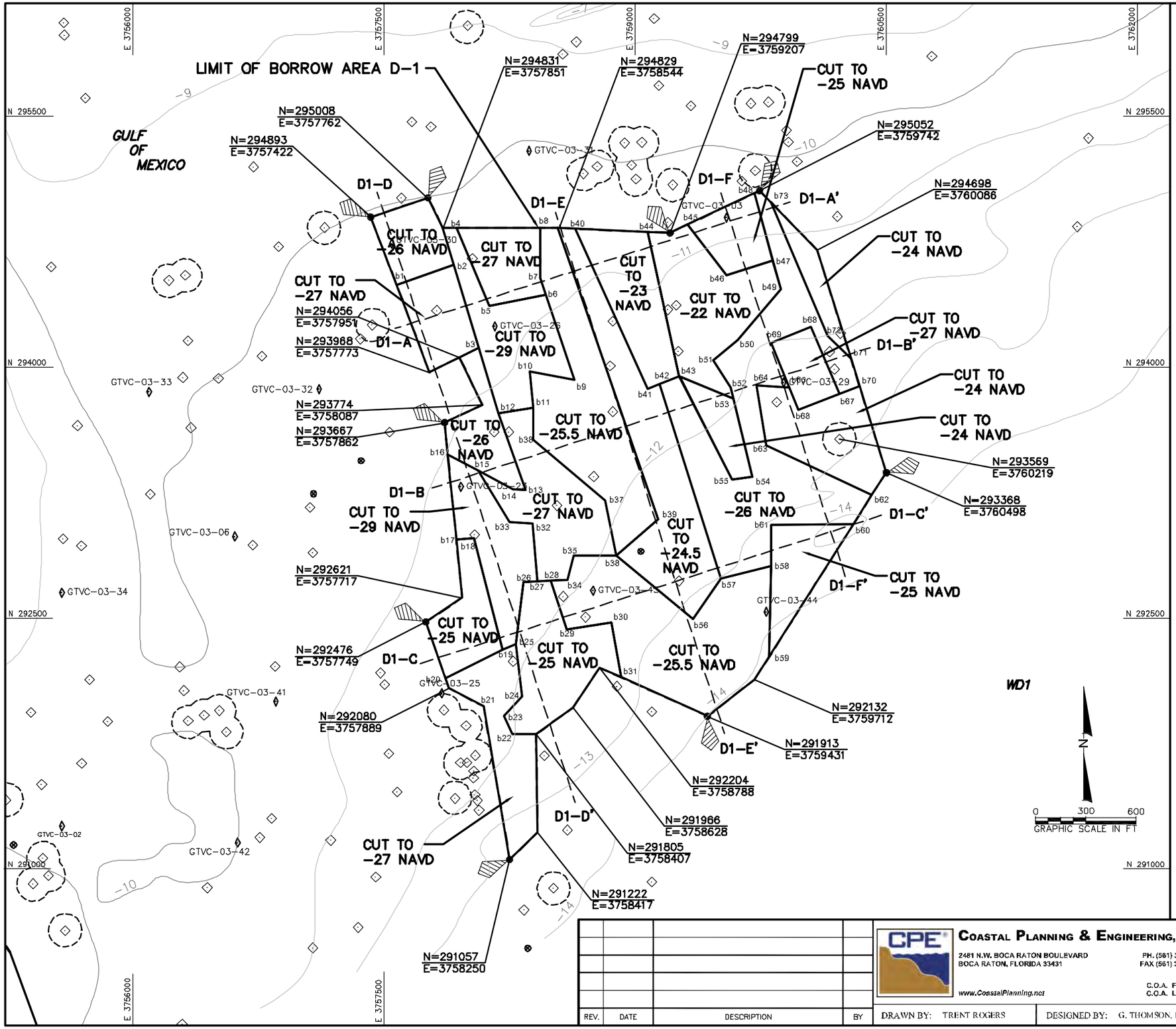
Total Time Required to Place Additional Beach/Dune	**17.9 days**
Daily Cost	**$102,353**
Total Cost	**$1,834,657**

ATTACHMENT NO. 2

CHALAND HEADLAND RESTORATION PROJECT
CONTRACT NO. WC133F-05-CN-1279

DAILY COST SUMMARY

NUMBER	DESCRIPTION		Daily cost	units/day	$/unit
BTD-100	Tom James	$	11,000		
	Fuel	$	15,000	6,667	$ 2.25
AW-802	Welding Machine(Fill Site)	$	25		
70361	Welding Machine(Derrick)	$	25		
70004	Lincoln Welder (Water Cool)	$	25		
AW-190	Elect. Wld Machine	$	25		
70420	Elect. Wld Machine	$	25		
70232	LN-25 Wire Feed Welder	$	25		
70267	LN-25 Wire Feed Welder	$	25		
WMI585	Skadgit Anchor Barge	$	310		
BT-138	Skadgit Anchor Barge	$	100		
BT-207	Welding Barge	$	40		
BT-171	Supply Barge	$	140		
BT-841	Water Barge/Deck	$	40		
WMI 92	Supply Barge	$	90		
WMI 565	WMI Crane	$	1,375		
BTB-27	Jeanne James	$	400		
BTB-25	Shai James	$	400		
BT-236	Air Compressor Brg	$	40		
AC-257	Air Comp on BT-236 Air Comp Brg	$	25		
100310	Crown Victoria Frank Gill	$	25		
100290	2500HD Chevy M.Frederick	$	25		
BTB-444	Steve L.	$	600		
T100451	Ford PickUp Truck(Survey)	$	25		
26028	Light Tower	$	25		
BT-105	QUARTERS BARGE	$	320		
BT-785	WATER BARGE	$	40		
BTB-46	TUG "MISS HELEN"	$	350		
14109	20' ALUM. SKIFF W / 115HP	$	25		
8827	D6 LGP Dozer	$	700	4	$ 175.00
8850	D6 LGP Dozer	$	700	4	$ 175.00
8833	D6 LGP Dozer	$	700	4	$ 175.00
8848	D6 LGP Dozer	$	700	4	$ 175.00
8835	D6 LGP Dozer	$	700	4	$ 175.00
8820	D6 LGP Dozer	$	700	4	$ 175.00
8409	Cat 966 Loader	$	840	8	$ 105.00
AW-750	Welding Machine (Fill)	$	25		
8849	D6 LGP Dozer	$	700	4	$ 175.00
	Fuel on beach	$	1,125	500	$ 2.25
35006	Honda 4 Wheeler 2WD Yellow	$	50		
35007	Kawasaki Mule Green (NEW)	$	50		
35008	Kawasaki Mule Red (NEW)	$	50		
26042	Light Tower	$	25		
26024	Light Tower	$	25		
865	Cat 325C Marsh Backhoe	$	3,000	24	$ 125.00
878	Cat 325B Marsh Backhoe	$	3,000	24	$ 125.00
879	Cat 325BL Marsh Backhoe	$	3,000	24	$ 125.00
100286	03 FORD CROWN VIC	$	25		
T-10446	FORD F150 PICKUP	$	25		
100344	CHEV K-2500 4X4	$	25		
Crewboat "Bayou Princess"	Corken Boat Rentals	$	735		
	Fuel	$	450	200	$ 2.25
Tug Augusta	Calliou Island	$	3,000		
	Fuel	$	1,125	500	$ 2.25
CHEYENE	CHERMIE	$	755		
	Fuel	$	450	200	$ 2.25
Delta Ranger	Delta Towing	$	3,300		
	Fuel	$	1,125	500	$ 2.25
Delta Fox	Delta Towing	$	3,000		
	Fuel	$	1,125	500	$ 2.25
Pump wear		$	1,000		
Pipeline wear		$	3,000		
Equip subtotal		$	65,800		
Hourly labor		$	11,292		
Salaried labor		$	2,764	est.	
Total M & L Subtot		$	79,857		
Field Admin	3%	$	2,396		
subtot1		$	82,253		
G & A	10.74%	$	8,834		
subtot2		$	91,086		
Profit	12%	$	10,930		
subtot3		$	102,017		
Bond	0.33%	$	337		
Grand total		**$**	**102,353**		



BORROW AREA-INTERIOR COORDINATE TABLE

ID	X	Y	ID	X	Y
b1	3757575	294490	b38	3758393	293566
b2	3757918	294609	b39	3759138	293088
b3	3758066	294114	b40	3758642	294827
b4	3757933	294831	b41	3759072	293868
b5	3758128	294363	b42	3759146	293899
b6	3758466	294429	b43	3759263	293945
b7	3758432	294532	b44	3759073	294806
b8	3758432	294831	b45	3759312	294849
b9	3758635	293922	b46	3759544	294547
b10	3758371	293972	b47	3759821	294633
b11	3758389	293757	b48	3759710	295036
b12	3758183	293722	b49	3759867	294464
b13	3758346	293265	b50	3759612	294158
b14	3758272	293268	b51	3759467	294037
b15	3758061	293382	b52	3759569	293877
b16	3757881	293478	b53	3759585	293810
b17	3757932	292968	b54	3759700	293345
b18	3758039	292975	b55	3759576	293326
b19	3758209	292313	b56	3759344	292493
b20	3757868	292140	b57	3759510	292734
b21	3758095	291971	b58	3759810	292810
b22	3758265	291805	b59	3759798	292267
b23	3758216	291917	b60	3760304	293061
b24	3758326	292031	b61	3759810	293057
b25	3758289	292344	b62	3760412	293234
b26	3758334	292713	b63	3759780	293530
b27	3758415	292718	b64	3759725	293891
b28	3758497	292723	b65	3759917	293878
b29	3758592	292432	b66	3759971	293744
b30	3758858	292473	b67	3760218	293837
b31	3758915	292147	b68	3760048	294238
b32	3758389	293065	b69	3759811	294142
b33	3758249	293072	b70	3760339	293883
b34	3758596	292729	b71	3760288	294045
b35	3758632	292873	b72	3760148	294184
b36	3758887	292873	b73	3759811	294981
b37	3758820	293200			

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- WESTON 2001 VIBRACORE LOCATION
- USGS VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- b30 BORROW AREA INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED JANUARY 2004 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. IF CONTRACTOR PLANS TO CROSS EXISTING OIL AND GAS INFRASTRUCTURE WITH SUBMERGED PIPE LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE PIPELINE OWNER BEFORE LAYING HIS PIPELINE.
6. CONTOURS REPRESENT BATHYMETRIC ELEVATIONS.

REV.	DATE	DESCRIPTION	BY

COASTAL PLANNING & ENGINEERING, INC.
2481 N.W. BOCA RATON BOULEVARD
BOCA RATON, FLORIDA 33431
PH. (561) 391-8102
FAX (561) 391-9116
www.CoastalPlanning.net
C.O.A. FL. #4028
C.O.A. LA. #2531

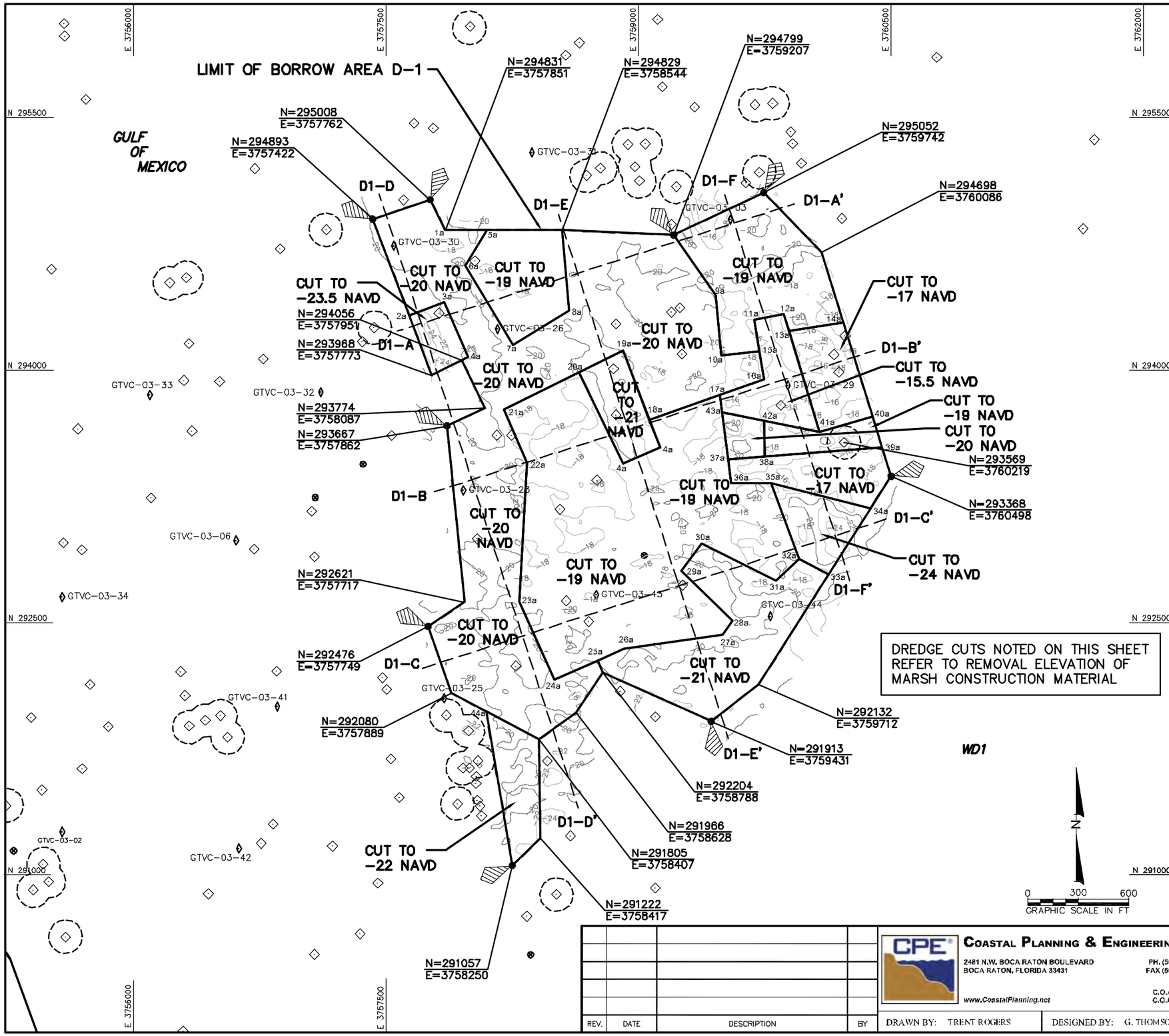
DRAWN BY: TRENT ROGERS
DESIGNED BY: G. THOMSON, P.E.

CHALAND HEADLAND RESTORATION
CWPPRA PROJECT

STATE PROJECT NUMBER: BA-38-2
FEDERAL PROJECT NUMBER: BA-38-2
APPROVED BY: DOUG MANN, P.E.

BA D-1
BATHYMETRIC SURVEY

DATE: 11/13/2005
SHEET 34 OF 38



DREDGE CUTS NOTED ON THIS SHEET REFER TO REMOVAL ELEVATION OF MARSH CONSTRUCTION MATERIAL

BORROW AREA-INTERIOR COORDINATE TABLE

ID	X	Y
1a	3757851	294831
2a	3757639	294321
3a	3757846	294401
4a	3757988	294075
5a	3758099	294831
6a	3757971	294618
7a	3758254	294148
8a	3758588	294350
9a	3759455	294443
10a	3759490	294085
11a	3759685	294298
12a	3759861	294332
13a	3759892	294229
14a	3760215	294281
15a	3759716	294110
16a	3759744	293943
17a	3759483	293851
18a	3759061	293703
19a	3758907	294113
20a	3758646	293984
21a	3758198	293764
22a	3758338	293448
23a	3758293	292622
24a	3758500	292160
25a	3758756	292273
26a	3758912	292343
27a	3759497	292428
28a	3759555	292509
29a	3759253	292808
30a	3759373	292968
31a	3759816	292749
32a	3759951	292878
33a	3760128	292785
34a	3760377	293177
35a	3759787	293328
36a	3759549	293326
37a	3759531	293468
38a	3759746	293485
39a	3760444	293541
40a	3760388	293721
41a	3760073	293631
42a	3759745	293697
43a	3759496	293747
44a	3758095	291971

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- WESTON 2001 VIBRACORE LOCATION
- USGS VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- b30 BORROW AREA OVERBURDEN INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED JANUARY 2004 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. IF CONTRACTOR PLANS TO CROSS EXISTING OIL AND GAS INFRASTRUCTURE WITH SUBMERGED PIPE LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE PIPELINE OWNER BEFORE LAYING HIS PIPELINE.
6. CONTOURS REPRESENT BOTTOM OF SILT/CLAY LAYER AND TOP OF SAND LAYER.

REV.	DATE	DESCRIPTION	BY

CPE
COASTAL PLANNING & ENGINEERING, INC.
2481 N.W. BOCA RATON BOULEVARD
BOCA RATON, FLORIDA 33431
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C.O.A. FL. #4028
C.O.A. LA. #2531

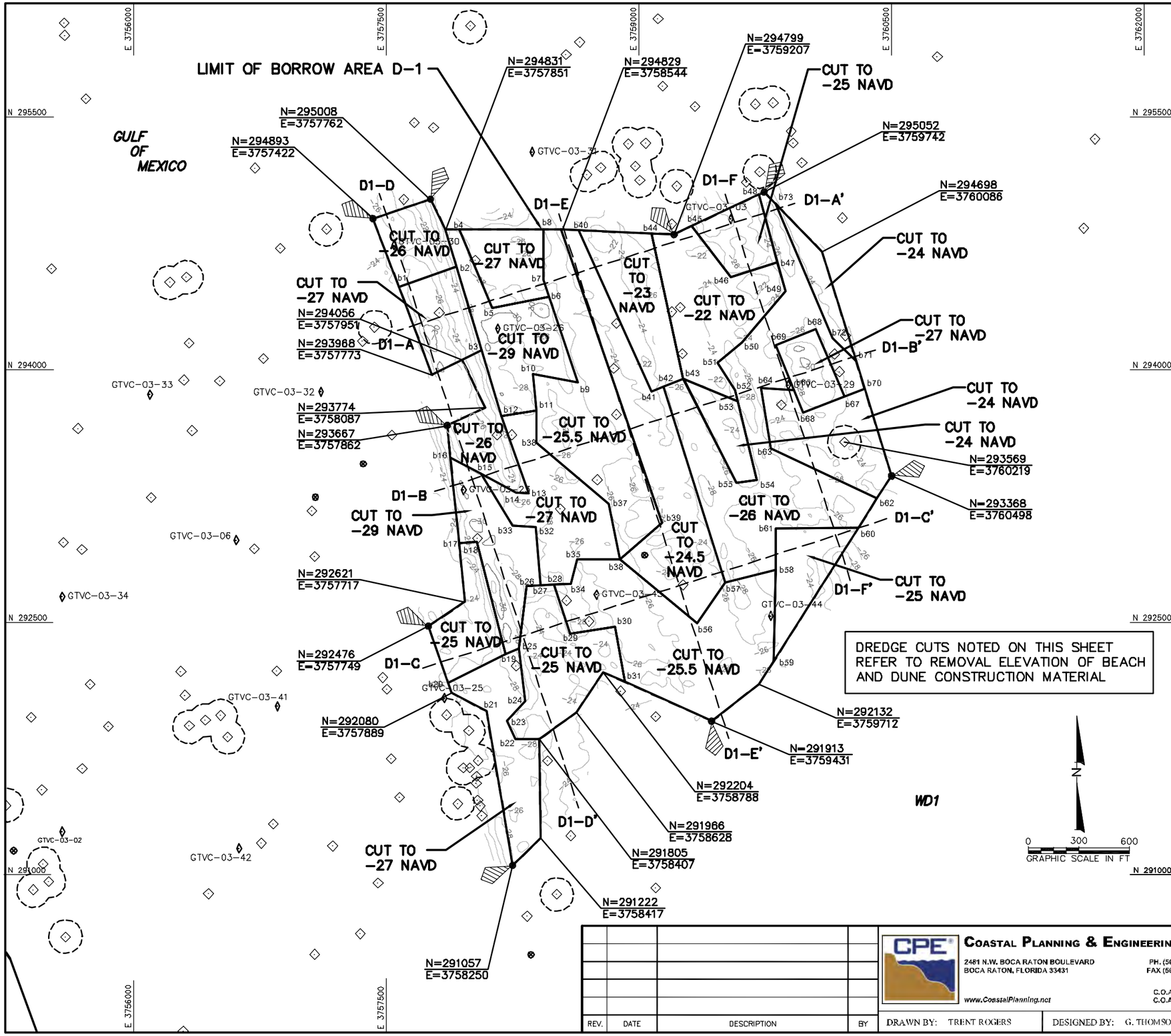
DRAWN BY: TRENT ROGERS
DESIGNED BY: G. THOMSON, P.E.

CHALAND HEADLAND RESTORATION
CWPPRA PROJECT

STATE PROJECT NUMBER: BA-38-2
FEDERAL PROJECT NUMBER: BA-38-2
APPROVED BY: DOUG MANN, P.E.

BA D-1
SILT/CLAY ELEVATION

DATE: 11/13/2005
SHEET 35 OF 38



DREDGE CUTS NOTED ON THIS SHEET REFER TO REMOVAL ELEVATION OF BEACH AND DUNE CONSTRUCTION MATERIAL

BORROW AREA-INTERIOR COORDINATE TABLE

ID	X	Y	ID	X	Y
b1	3757575	294490	b38	3758393	293566
b2	3757918	294609	b39	3759138	293088
b3	3758066	294114	b40	3758642	294827
b4	3757933	294831	b41	3759072	293868
b5	3758128	294363	b42	3759146	293899
b6	3758466	294429	b43	3759263	293945
b7	3758432	294532	b44	3759073	294806
b8	3758432	294831	b45	3759312	294849
b9	3758635	293922	b46	3759544	294547
b10	3758371	293972	b47	3759821	294633
b11	3758389	293757	b48	3759710	295036
b12	3758183	293722	b49	3759867	294464
b13	3758346	293265	b50	3759612	294158
b14	3758272	293268	b51	3759467	294037
b15	3758061	293382	b52	3759569	293877
b16	3757881	293478	b53	3759585	293810
b17	3757932	292968	b54	3759700	293345
b18	3758039	292975	b55	3759576	293326
b19	3758209	292313	b56	3759344	292493
b20	3757868	292140	b57	3759510	292734
b21	3758095	291971	b58	3759810	292810
b22	3758265	291805	b59	3759798	292267
b23	3758216	291917	b60	3760304	293061
b24	3758326	292031	b61	3759810	293057
b25	3758289	292344	b62	3760412	293234
b26	3758334	292713	b63	3759780	293530
b27	3758415	292718	b64	3759725	293891
b28	3758497	292723	b65	3759917	293878
b29	3758592	292432	b66	3759971	293744
b30	3758858	292473	b67	3760218	293837
b31	3758915	292147	b68	3760048	294238
b32	3758389	293065	b69	3759811	294142
b33	3758249	293072	b70	3760339	293883
b34	3758596	292729	b71	3760288	294045
b35	3758632	292873	b72	3760148	294184
b36	3758887	292873	b73	3759811	294981
b37	3758820	293200			

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- WESTON 2001 VIBRACORE LOCATION
- USGS VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- b30 BORROW AREA INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.
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6. CONTOURS REPRESENT BOTTOM OF SAND LAYER.

REV.	DATE	DESCRIPTION	BY

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C.O.A. FL. #4028
C.O.A. LA. #2531

DRAWN BY: TRENT ROGERS | DESIGNED BY: G. THOMSON, P.E.

CHALAND HEADLAND RESTORATION
CWPPRA PROJECT

STATE PROJECT NUMBER: BA-38-2

FEDERAL PROJECT NUMBER: BA-38-2

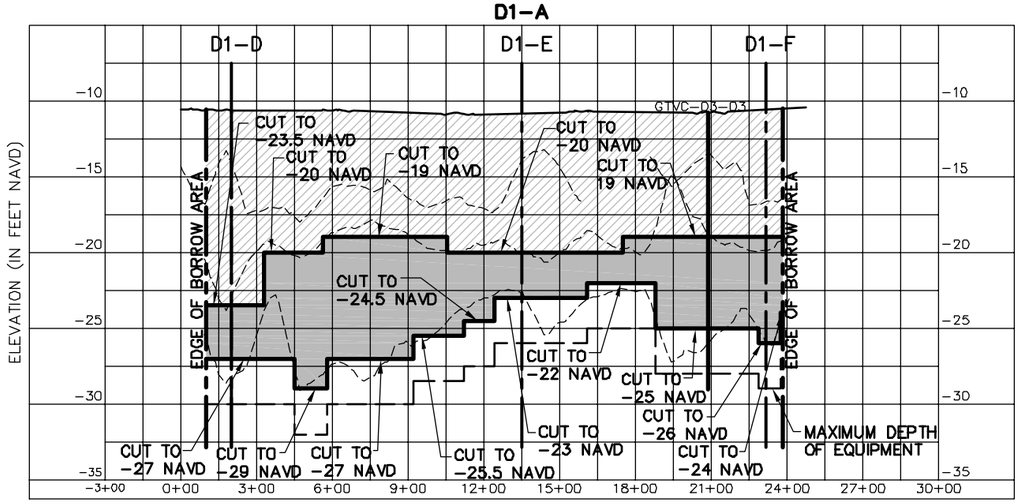
APPROVED BY: DOUG MANN, P.E.

BA D-1
BEACH & DUNE MATERIAL

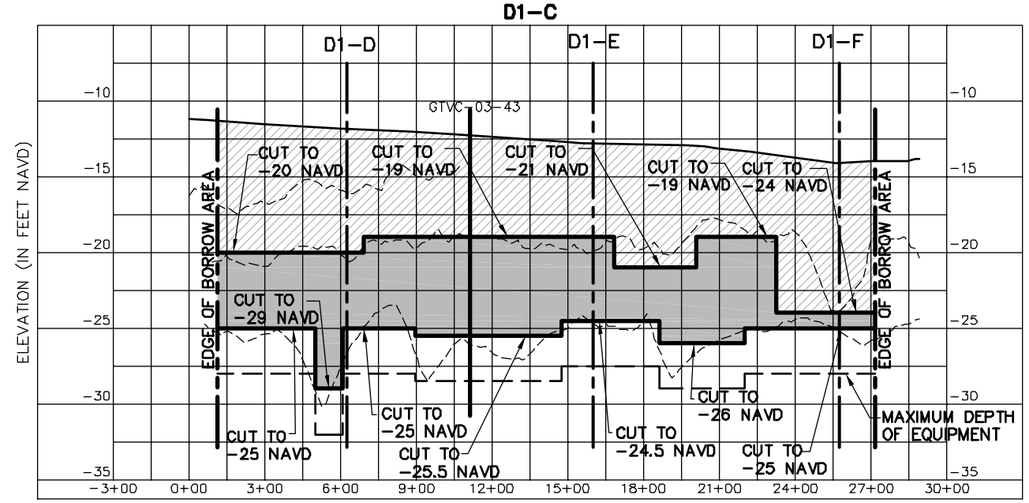
DATE: 11/13/2005

SHEET 36 OF 38

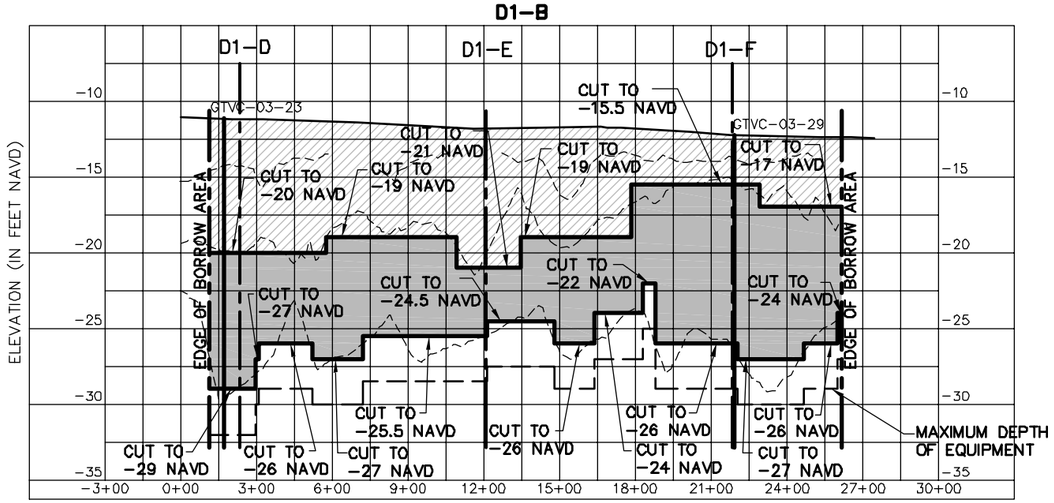
D1–A



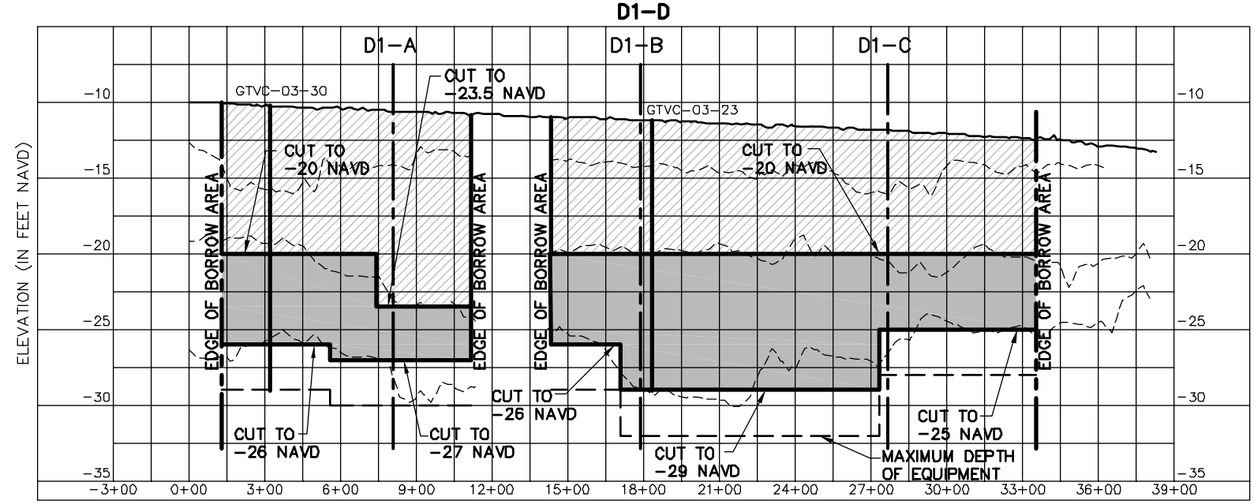
D1–C



D1–B



D1–D



LEGEND:

- – – – – SEISMIC REFLECTOR
- MARSH FILL MATERIAL
- BEACH FILL MATERIAL

NOTES:

1. SEE SHEETS 34–36 FOR LOCATIONS OF CROSS SECTION LINES
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).
3. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.

REV.	DATE	DESCRIPTION	BY

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COASTAL PLANNING & ENGINEERING, INC.
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DRAWN BY: TRENT ROGERS
DESIGNED BY: G. THOMSON, P.E.

CHALAND HEADLAND RESTORATION
CWPPRA PROJECT

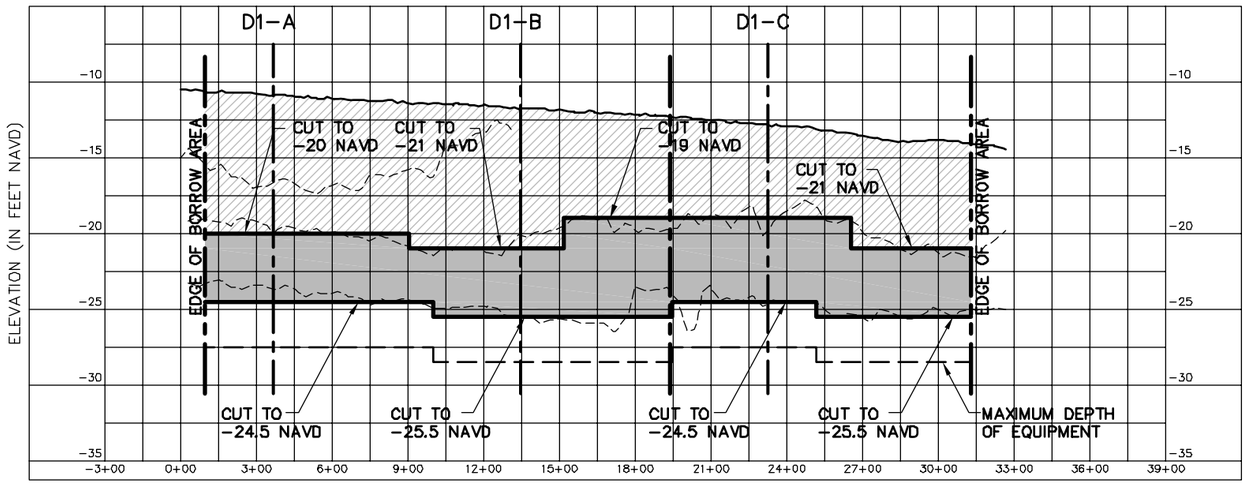
STATE PROJECT NUMBER: BA-38-2
FEDERAL PROJECT NUMBER: BA-38-2

APPROVED BY: DOUG MANN, P.E.

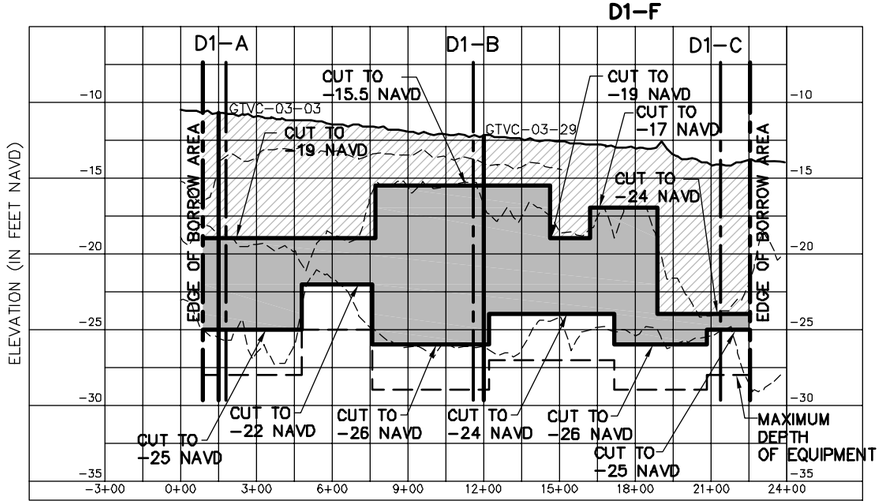
BA D-1
CROSS SECTIONS

DATE: 11/13/2005

D1–E



D1–F



LEGEND:

- – – – – SEISMIC REFLECTOR
- MARSH FILL MATERIAL
- BEACH FILL MATERIAL

NOTES:

1. SEE SHEETS 34–36 FOR LOCATIONS OF CROSS SECTION LINES
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).
3. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.

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CHALAND HEADLAND RESTORATION
CWPPRA PROJECT

BA D-1
CROSS SECTIONS

STATE PROJECT NUMBER: BA-38-2

FEDERAL PROJECT NUMBER: BA-38-2

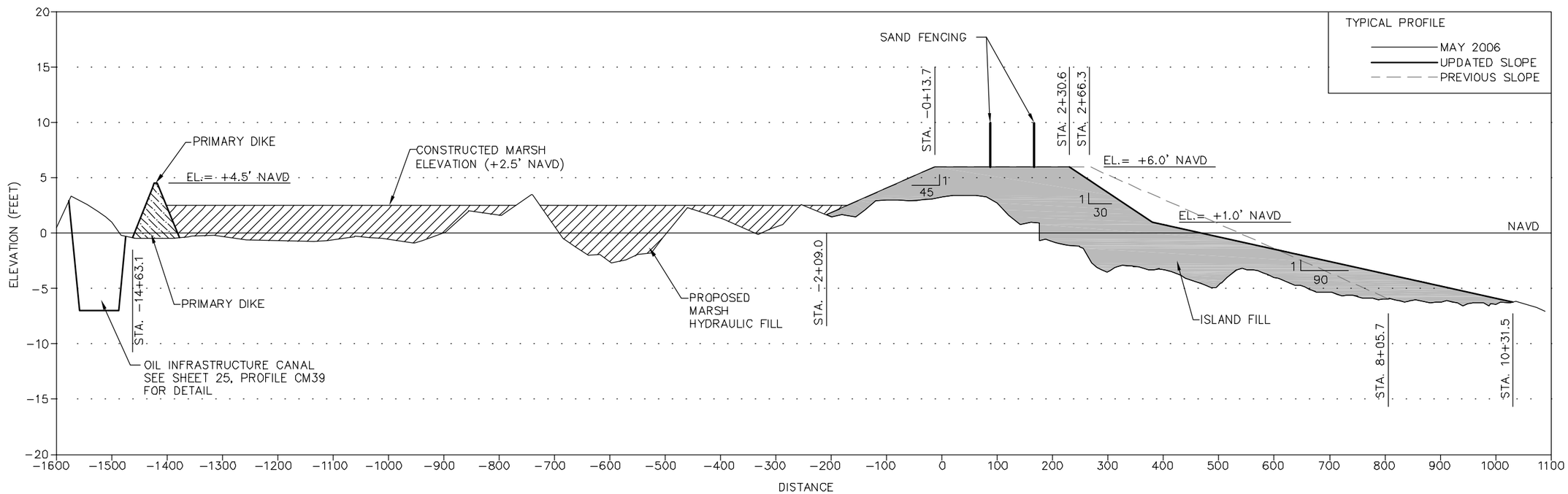
DATE: 11/13/2005

DRAWN BY: TRENT ROGERS

DESIGNED BY: G. THOMSON, P.E.

APPROVED BY: DOUG MANN, P.E.

SHEET 38 OF 38



NOTES:

1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

COASTAL PLANNING & ENGINEERING, INC.
LOUISIANA BUSINESS & TECHNOLOGY CENTER
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www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA #2531

No.	Date	Description

Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No: 7281.00

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED

Reference Files: BORDER-CHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

TYPICAL PROPOSED SLOPE ADJUSTMENT

DRAWING NO.

SHEET OF 33

Submitted 11-17-06
Revised 11-18-06

Chaland Headland Restoration (BA-38-2) CWPPRA Project

Beach Fill Template

Submitted 11-17-06
Revised 11-18-06

Project	Northern Toe of Beach Fill		Northern Dune Crest		Southern Dune Crest		Southern Toe of Beach Fill	
Station	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)
8+00	-6+27.3	2.2	-4+56.3	6.0	-4+36.5	6.0	-0+94.5	-1.6
9+00	-5+82.0	2.3	-4+15.5	6.0	-3+61.6	6.0	-0+16.9	-1.7
9+84	-5+45.2	2.4	-3+81.3	6.0	-2+98.7	6.0	0+48.3	-1.7
11+00	-5+42.1	1.4	-3+34.0	6.0	-2+11.9	6.0	1+29.1	-1.6
12+00	-4+86.8	1.7	-2+93.1	6.0	-1+37.0	6.0	2+06.9	-1.6
13+00	-4+39.0	1.9	-2+52.3	6.0	-0+62.1	6.0	3+30.5	-2.7
14+00	-3+83.8	2.2	-2+11.5	6.0	0+12.9	6.0	3+51.0	-1.5
14+68	-3+57.6	2.1	-1+83.8	6.0	0+24.6	6.0	4+23.2	-2.9
16+00	-3+62.9	2.0	-1+83.7	6.0	0+44.2	6.0	4+20.3	-2.4
17+00	-3+52.8	2.2	-1+83.7	6.0	0+59.0	6.0	4+87.5	-3.5
18+00	-3+33.8	2.7	-1+83.8	6.0	0+73.7	6.0	5+13.7	-3.8
19+00	-3+41.3	2.5	-1+83.8	6.0	0+88.5	6.0	5+31.9	-3.9
19+52	-3+68.3	1.9	-1+83.8	6.0	0+96.2	6.0	5+46.5	-4.0
21+00	-3+71.9	1.8	-1+82.9	6.0	0+97.1	6.0	5+21.8	-3.4
22+00	-3+69.2	1.8	-1+82.2	6.0	0+97.8	6.0	5+10.2	-3.2
23+00	-3+54.5	2.2	-1+81.6	6.0	0+98.5	6.0	5+11.8	-3.2
24+36	-3+61.4	2.0	-1+80.7	6.0	0+99.3	6.0	5+11.7	-3.2
25+00	-3+75.8	1.6	-1+79.9	6.0	1+00.1	6.0	5+24.3	-3.4
26+00	-3+45.8	2.3	-1+78.8	6.0	1+01.2	6.0	5+50.5	-4.0
27+00	-3+62.1	1.9	-1+77.6	6.0	1+02.4	6.0	5+56.9	-4.1
28+00	-3+50.0	2.1	-1+76.4	6.0	1+03.6	6.0	5+26.3	-3.4
29+20	-4+99.1	-1.2	-1+74.9	6.0	1+05.1	6.0	5+46.1	-3.8
30+00	-4+91.9	-1.1	-1+73.8	6.0	1+06.2	6.0	5+06.3	-2.9
31+00	-4+77.5	-0.8	-1+72.3	6.0	1+07.7	6.0	5+62.2	-4.1
32+00	-4+67.4	-0.6	-1+70.9	6.0	1+09.1	6.0	5+64.1	-4.1
33+00	-3+99.2	0.9	-1+69.4	6.0	1+10.6	6.0	5+86.3	-4.6
34+04	-4+06.8	0.7	-1+68.0	6.0	1+12.0	6.0	5+62.0	-4.0
35+00	-3+78.2	1.3	-1+65.3	6.0	1+14.7	6.0	5+33.2	-3.3
36+00	-4+39.7	-0.2	-1+62.4	6.0	1+17.6	6.0	4+92.5	-2.3
37+00	-4+36.1	-0.1	-1+59.5	6.0	1+20.5	6.0	4+72.8	-1.8
38+00	-3+51.6	1.7	-1+56.7	6.0	1+23.4	6.0	4+72.4	-1.8

Submitted 11-17-06
Revised 11-18-06

Project Station	Northern Toe of Beach Fill		Northern Dune Crest		Southern Dune Crest		Southern Toe of Beach Fill	
	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)
38+88	-3+38.8	1.9	-1+54.2	6.0	1+25.9	6.0	4+82.7	-1.9
40+00	-3+89.4	0.7	-1+50.9	6.0	1+29.2	6.0	5+50.8	-3.4
41+00	-4+23.8	-0.1	-1+48.0	6.0	1+32.1	6.0	5+73.1	-3.8
42+00	-4+21.4	-0.1	-1+45.2	6.0	1+34.8	6.0	5+76.1	-3.8
43+00	-5+09.0	-2.1	-1+42.4	6.0	1+37.7	6.0	5+97.9	-4.2
43+72	-5+07.7	-2.2	-1+40.2	6.0	1+39.8	6.0	5+78.3	-3.7
45+00	-4+99.2	-1.9	-1+44.0	6.0	1+36.0	6.0	5+50.1	-3.2
46+00	-4+66.7	-1.1	-1+47.0	6.0	1+33.1	6.0	5+14.0	-2.5
47+00	-4+45.0	-0.6	-1+49.9	6.0	1+30.1	6.0	5+06.0	-2.4
48+00	-4+54.3	-0.7	-1+52.8	6.0	1+27.2	6.0	4+91.7	-2.1
48+56	-4+94.8	-1.6	-1+54.4	6.0	1+25.5	6.0	5+02.4	-2.4
50+00	-5+75.0	-3.4	-1+53.9	6.0	1+26.1	6.0	5+40.4	-3.2
51+00	-6+53.1	-5.1	-1+53.5	6.0	1+26.4	6.0	5+69.5	-3.8
52+00	-3+32.2	2.0	-1+53.1	6.0	1+26.8	6.0	5+82.0	-4.1
53+40	-3+70.9	1.1	-1+52.5	6.0	1+27.4	6.0	6+02.1	-4.5
54+00	-3+99.8	0.6	-1+56.8	6.0	1+23.2	6.0	6+30.7	-5.3
55+00	-3+93.3	0.9	-1+63.8	6.0	1+16.2	6.0	6+11.8	-5.0
56+00	-3+74.1	1.5	-1+70.8	6.0	1+09.2	6.0	6+25.2	-5.5
57+00	-3+75.8	1.6	-1+77.8	6.0	1+02.2	6.0	5+88.2	-4.8
58+23	-3+81.3	1.7	-1+86.5	6.0	0+93.5	6.0	5+98.7	-5.2
59+00	-3+97.6	1.3	-1+86.7	6.0	0+93.2	6.0	5+78.6	-4.8
60+00	-4+25.3	0.7	-1+87.0	6.0	0+93.0	6.0	5+88.9	-5.0
61+00	-4+10.1	1.0	-1+87.2	6.0	0+92.8	6.0	5+98.3	-5.2
62+00	-4+36.6	0.5	-1+87.5	6.0	0+92.5	6.0	6+11.7	-5.5
63+08	-3+76.4	1.8	-1+87.7	6.0	0+92.3	6.0	6+00.8	-5.3
64+00	-3+45.0	2.5	-1+87.5	6.0	0+92.5	6.0	6+27.0	-5.9
65+00	-3+69.0	2.0	-1+87.2	6.0	0+92.8	6.0	6+40.7	-6.2
66+00	-3+94.6	1.4	-1+86.9	6.0	0+93.1	6.0	5+95.1	-5.2
67+00	-4+18.3	0.9	-1+86.7	6.0	0+93.3	6.0	6+42.3	-6.2
67+91	-4+64.5	-0.2	-1+86.4	6.0	0+93.6	6.0	5+65.2	-4.5
69+00	-2+96.4	3.5	-1+84.9	6.0	0+95.1	6.0	5+75.9	-4.7
70+00	-3+16.8	3.0	-1+83.5	6.0	0+96.5	6.0	5+51.0	-4.1
71+00	-3+26.5	2.8	-1+82.1	6.0	0+97.9	6.0	5+77.7	-4.7
72+00	-3+54.4	2.1	-1+80.7	6.0	0+99.4	6.0	5+96.8	-5.1
72+75	-3+67.3	1.8	-1+79.6	6.0	1+00.4	6.0	5+82.0	-4.7
74+00	-3+82.6	1.4	-1+77.3	6.0	1+02.8	6.0	6+13.6	-5.4
75+00	-3+88.8	1.3	-1+75.5	6.0	1+04.5	6.0	5+54.9	-4.0
76+00	-2+28.4	4.8	-1+73.6	6.0	1+06.4	6.0	5+62.9	-4.1

Submitted 11-17-06
Revised 11-18-06

Project	Northern Toe of Beach Fill		Northern Dune Crest		Southern Dune Crest		Southern Toe of Beach Fill	
Station	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)
77+00	-5+99.3	-3.5	-1+71.8	6.0	1+08.2	6.0	5+53.7	-3.9
77+60	-4+37.7	0.1	-1+70.7	6.0	1+09.3	6.0	5+45.8	-3.7
79+00	-3+76.8	1.4	-1+69.7	6.0	1+10.3	6.0	5+25.3	-3.2
80+00	-4+15.7	0.5	-1+69.0	6.0	1+11.0	6.0	5+20.5	-3.1
81+00	-4+47.4	-0.2	-1+68.3	6.0	1+11.7	6.0	5+25.7	-3.2
82+44	-4+89.1	-1.2	-1+67.3	6.0	1+12.7	6.0	5+47.9	-3.7
83+00	-4+84.2	-1.2	-1+61.5	6.0	0+84.3	6.0	5+17.1	-3.6
84+00	-3+43.9	1.7	-1+50.9	6.0	0+95.0	6.0	8+93.0	-6.2
85+00	-3+16.9	2.1	-1+40.2	6.0	1+06.0	6.0	9+12.7	-6.3
86+00	-2+87.6	2.5	-1+29.6	6.0	1+16.4	6.0	9+41.4	-6.5
87+28	-2+61.1	2.8	-1+16.1	6.0	1+30.1	6.0	9+73.1	-6.7
88+00	-2+55.8	2.7	-1+08.4	6.0	1+37.7	6.0	9+88.9	-6.8
89+00	-3+43.2	0.5	-0+97.8	6.0	1+48.3	6.0	9+80.4	-6.6
90+00	-2+90.8	1.5	-0+87.2	6.0	1+58.9	6.0	9+70.0	-6.3
91+00	-3+42.3	0.1	-0+76.8	6.0	1+69.4	6.0	9+64.2	-6.2
92+12	-2+58.0	1.7	-0+64.9	6.0	1+81.3	6.0	10+04.7	-6.5
93+00	-2+67.4	1.3	-0+55.6	6.0	1+90.3	6.0	10+36.2	-6.7
94+00	-2+52.1	1.4	-0+45.0	6.0	2+00.5	6.0	10+03.9	-6.3
95+00	-2+39.7	1.4	-0+34.4	6.0	2+10.7	6.0	10+06.2	-6.2
96+00	-2+53.3	0.9	-0+23.8	6.0	2+20.9	6.0	10+25.1	-6.3
96+96	-2+08.4	1.7	-0+13.7	6.0	2+30.6	6.0	10+80.9	-6.8
98+00	-2+23.2	1.1	-0+02.7	6.0	2+41.7	6.0	10+84.7	-6.3
99+00	-2+12.7	1.1	0+07.8	6.0	2+52.1	6.0	11+02.9	-6.8
100+00	-1+30.1	2.7	0+18.4	6.0	2+62.7	6.0	11+04.0	-6.7
101+00	-1+10.6	2.9	0+28.9	6.0	2+73.2	6.0	11+07.1	-6.6
101+80	-2+90.1	-1.3	0+37.4	6.0	2+82.2	6.0	11+44.2	-6.9
103+00	-2+65.4	-0.8	0+39.6	6.0	2+83.9	6.0	11+51.7	-7.0
104+22	-2+47.2	-0.4	0+41.9	6.0	2+86.2	6.0	11+36.6	-6.8
105+00	-2+10.8	0.4	0+43.3	6.0	2+88.5	6.0	11+34.7	-6.7
106+00	-1+82.4	0.9	0+45.1	6.0	2+89.8	6.0	11+46.7	-6.9
106+64	-1+83.3	0.9	0+46.2	6.0	2+90.5	6.0	11+55.8	-6.9
108+00	-1+63.0	1.2	0+50.8	6.0	2+96.4	6.0	11+38.2	-6.7
109+06	-1+47.8	1.5	0+54.5	6.0	2+98.9	6.0	11+50.9	-6.8
110+00	-1+14.9	2.2	0+57.7	6.0	3+02.1	6.0	11+43.9	-6.7
111+48	-1+34.1	1.6	0+62.7	6.0	3+07.1	6.0	11+81.0	-7.0
112+00	-0+91.0	2.6	0+63.8	6.0	3+08.3	6.0	11+71.8	-6.9
113+00	-0+89.1	2.6	0+66.0	6.0	3+10.4	6.0	11+99.4	-7.2
113+90	-1+03.0	2.2	0+68.0	6.0	3+12.4	6.0	11+91.1	-7.1

Submitted 11-17-06
Revised 11-18-06

Project	Northern Toe of Beach Fill		Northern Dune Crest		Southern Dune Crest		Southern Toe of Beach Fill	
Station	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)	Range	Elevation (ft, NAVD)
115+00	-1+18.6	1.8	0+70.4	6.0	3+14.7	6.0	11+70.4	-6.8
116+32	-1+30.9	1.5	0+73.2	6.0	3+17.5	6.0	11+64.7	-6.7
117+00	-1+44.9	1.1	0+74.9	6.0	3+19.2	6.0	11+49.6	-6.6
118+00	-1+76.0	0.4	0+77.4	6.0	3+21.7	6.0	11+72.0	-6.8
118+74	-1+88.1	0.1	0+79.2	6.0	3+23.6	6.0	11+64.7	-6.7
120+00	-2+20.9	-0.7	0+82.3	6.0	3+26.7	6.0	11+12.4	-6.1
121+16	-2+46.0	-1.4	0+85.1	6.0	3+29.5	6.0	11+63.5	-6.6
122+00	-0+37.0	3.2	0+86.8	6.0	3+24.3	6.0	11+58.3	-6.6
123+00	-0+52.9	2.9	0+88.7	6.0	3+18.1	6.0	11+20.5	-6.2
124+00	-0+81.7	2.2	0+90.4	6.0	3+17.2	6.0	11+33.2	-6.4
125+00	-0+96.4	1.8	0+92.3	6.0	3+16.5	6.0	11+05.5	-6.1
126+00	-0+76.1	2.2	0+94.2	6.0	3+16.0	6.0	10+71.1	-5.7
127+00	-1+11.9	1.6	0+86.1	6.0	3+14.9	6.0	10+63.1	-5.6
128+00	-1+16.1	1.7	0+78.0	6.0	3+14.1	6.0	10+51.7	-5.5
129+00	-1+44.8	1.2	0+69.9	6.0	3+13.3	6.0	10+39.3	-5.4
130+00	-1+79.0	0.6	0+61.8	6.0	3+12.6	6.0	10+67.6	-5.7
130+84	1+50.0	3.8	2+30.2	6.0	3+11.8	6.0	10+63.6	-5.7
132+00	1+50.0	5.0	2+33.3	6.0	3+10.9	6.0	10+52.4	-5.6
133+00	1+50.0	3.5	2+36.0	6.0	3+10.1	6.0	10+50.5	-5.6
134+00	1+50.0	3.6	2+38.8	6.0	3+09.3	6.0	10+19.0	-5.2
135+00	1+50.0	4.2	2+41.5	6.0	3+08.6	6.0	10+16.6	-5.2
135+68	1+50.0	3.6	2+43.3	6.0	3+08.0	6.0	10+16.0	-5.2
137+08	1+50.0	4.2	2+47.2	6.0	3+07.0	6.0	10+10.0	-5.1
138+00	1+50.0	4.2	2+49.6	6.0	3+06.2	6.0	10+22.3	-5.3
138+75	1+50.0	3.8	2+51.7	6.0	3+05.9	6.0	10+40.0	-5.5
140+00	1+50.0	3.7	2+55.0	6.0	3+04.6	6.0	10+12.6	-5.2
140+51	1+50.0	3.0	2+83.0	6.0	3+04.2	6.0	10+03.2	-5.1
142+00								
143+00								
144+00								
145+35								
145+77								
146+77								
147+77								

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
J	1 | 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
0007	Dec 15, 2006	NFFKH300-7-03783	

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
U.S DEPT OF COMMERCE/NOAA CENTRAL REGION ACQUISITION DIVISION 601 E 12TH STREET, RM 1756 KANSAS CITY, MISSOURI 64106 PAMELA L. STICHWEH 816-426-2067	AJ830023	SEE BLOCK 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)		(X)	9A. AMENDMENT OF SOLICITATION NO.
WEEKS MARINE INC 4 COMMERCE DRIVE CRANFORD NJ 07016-3598	VENDOR ID: 00009531 DUNS: 189601636 CAGE: 1RHV3		9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. WC133F-05-CN-1279
			10B. DATED (SEE ITEM 13) Aug 17, 2005

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

___The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers __is extended, ___ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Attached

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: CHANGES CLAUSE
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [X] is requested to sign this document and return 1 copy to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

a. Necessity for the Change: This unilateral modification is needed to provide for the following changes in exchange for the Government not assessing liquidated damages for the completion of the Chaland Headland Restoration Project, Gulf of Mexico, Louisiana.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
J. STEPHEN CHATRY VICE PRESIDENT		Pamela L. Stichweh 816-426-2067 Contracting Officer Pamela.L.Stichweh@noaa.gov	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 2/6/07	16B. UNITED STATES OF AMERICA BY Pamela L. Stichweh (Signature of Contracting Officer)	16C. DATE SIGNED 12/15/2006

b. The Change: The changes are considered in the best interest of the Government and are as follows: Modification 0006 is canceled in its entirety. Line item corrections and deobligations are as follows:

Line item 4 - Dune and Beach fill	Quantity	Unit cost	Total cost
Base Bid	1,792,200	$5.55	$9,946,710.00
Decrease in dune and beach fill added in modification 0006	-93,020	$12.62	-$1,173,912.40
Revised total(restored to original bid amount	1,792,200		$9,946,710.00
Line item 5 - Marsh fill	Quantity	Unit cost	Total cost
Base bid	950,200	$3.05	$2,898,110.00
Restore Reduction in marsh fill made in Modification 0006	+204,819	+$0.65	+133,132.35
Revised total (restored to original	950,200		$2,898,110.00
Bid amount.			
Line item 6 - Primary dikes	Quantity	Unit cost	Total cost
Base bid	20,294	$13.35	$270,924.90
Restore Reduction in primary dikes made in Modification 0006	+3,936	+$13.35	+$52,545.60
Revised total (restored to original	20,294		$270,924.90
Bid Amount			
Net adjustment of contract price			**-$1,002,088.07**

The New line of FY07 accounting obligated under modification 0006 for Line item 00044 will be de-obligated in it's entirety in the amount of $988,234.45.

Weeks Marine Inc. (WMI) is required to place at least 1,741,278 cubic yards (i.e. base bid of 1,792,200 cubic yards less 50,922 cubic yards under fill east of Sta 96=96) within the revised template, dated 11/15/06 The volume required to place this fill may be dredged from Quatre Bayou, scraped from the seaward side of the beach template (fill placed within the footprint but above the template), or dredged from borrow area D-1, at the unit cost of $5.55/cy presented in WMI's bid.

The contractor is directed to dredge all remaining beach fill material within the Quatre Bayou borrow area from cuts 5, 6, 6a, 7a, 8a, and 9a as depicted in Weeks Marine plot provided on 11/29/06

Weeks Marine Inc. agrees to place the minimum requirement of 1,741,278 cy at no additional cost to the government whether borrow is obtained from Quatre Bayou or additional borrow location identified previously as "D1".

c. Time: The project completion date is extended an additional 90 days from November 24, 2006 to February 22, 2007.

d. Payment: Pricing Summary:

1. Original contract price: $15,549,195.40

2. Net Adjustment of Contract price pursuant to previous modification(s):

Modification P00001	0.00
Modification 0002	238,887.00
Modification 0003	32,993.62
Modification 0004	0.00
Modification 0005	(5,478.00)
Modification 0006	988,234.45

3. Net adjustment of contract price pursuant to this modification:

Modification 0007 (988,234.45)

4. Total Contract Price: $15,815,598.02

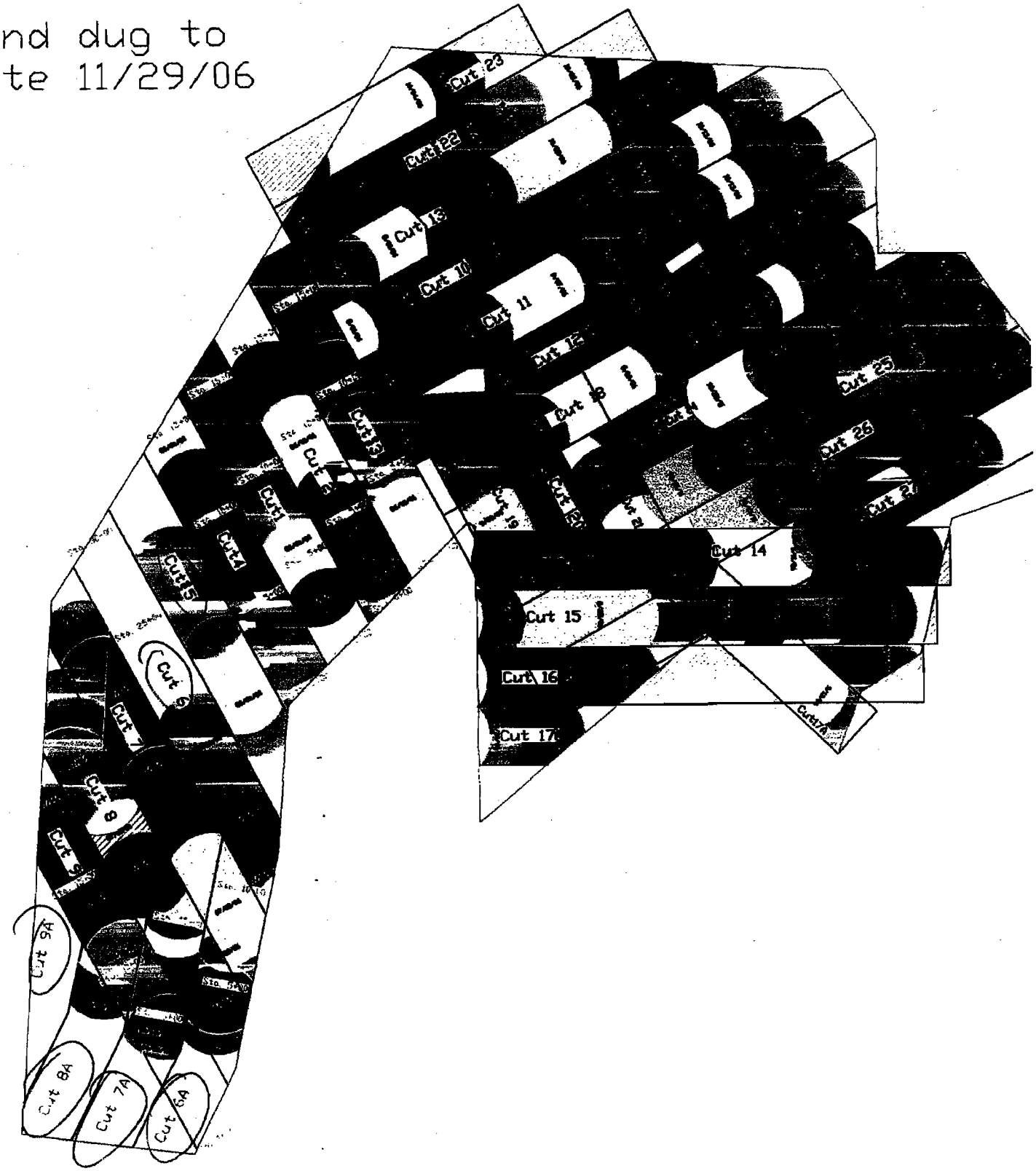
In consideration of the modification agreed to herein, Contractor hereby agrees to remise, release and forever discharge the Government, its officers, agents and employees of and from all liabilities, obligations, claims, appeals and demands, whether known or unknown, asserted or unasserted, directly or indirectly, whether administrative or judicial, legal or equitable, arising under or related to such facts or circumstances giving rise to the changes to CLIN 0004, 0005, and 0006 and the contract completion date agreed to in this modification except for (if none, write "none below):

___None_____

By signature of this modification, Contractor AGREES to the terms and conditions identified above, and AGREES to the Release of Claims as stated above.

SCHEDULE Continued					
Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0004	DUNE AND BEACH FILL	1,792,200	CY	5.55	9,946,710.00
	Accounting and Appropriation Data:				
	14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000 $9,946,710.00				
0004a	Dune and Beach Fill Decrease – Mod 0007 Reduce 93,020 CY to 0	0	CY	12.62	0.00
	Accounting and Appropriation Data:				
	14.07.2RL6RRS.P00.07.021002000.301300030000 0000.25270000.000000 $0.00 This line item is being deobligated in the amount of $988,234.45. Additional capacity is being transferred back to line items 0005 and 0006 as a reversal of action taken on modification 0006. This line item is deleted in it's entirety.				
0005	MARSH FILL	950,200	CY	3.05	2,898,110.00
	Accounting and Appropriation Data:				
	14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000 $2,898,110.00				
0005a	Marsh Fill – Credit – Mod 0007. Increase credited quantity to 0.	0	CY	.065	0.0
	Accounting and Appropriation Data:				
	14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000 0.00 This item line item is deleted in its entirety.				
0006	PRIMARY DIKES Credit 3,936 LF @13.35/lf – ($52,545.60)	20294	LF	13.35	270,924.90
	Accounting and Appropriation Data:				
	14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000 $270,924.90 This line item is returned to original quantity and bid amount by transfer from line 0004a.				

Sand dug to
date 11/29/06



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
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2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req. No.	5. Project No. (if applicable)
0008	Apr 10, 2007	NFFKH300-7-08230 -01	

6. Issued By Code AJ830023
U.S. DEPT OF COMMERCE/NOAA
CENTRAL REGION ACQUISITION DIVISION
601 EAST 12TH STREET, RM. 1756
KANSAS CITY, MO 64106
PAMELA L. STICHWEH 816-426-2067

7. Administered By (If other than Item 6) Code
SEE BLOCK 6

8. Name and Address of Contractor (*No., Street, County, and Zip Code*)
WEEKS MARINE INC
4 COMMERCE DRIVE
CRANFORD NJ 070163598

Vendor ID: 00009531
DUNS: 189601636
CAGE: 1RHV3

Code | Facility Code

(X) 9A. Amendment of Solicitation No.

9B. Date (*See Item 11*)

X 10A. Modification of Contract/Order No.
WC133F-05-CN-1279

10B. Date (*See Item 13*)
Aug 17, 2005

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (*if required*)
See Schedule $ US -952,572.95

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (*Specify authority*) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
X Changes Clause

B. The above numbered Contract/Order is modified to reflect the administrative changes (*such as changes in paying office, appropriation date, etc.*) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (*Specify type of modification and authority*)

E. **IMPORTANT:** Contractor ☐ is not, X is required to sign this document and return 1 copies to the issuing office.

14. Description of Amendment/Modification (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.*)

a. Necessity for the Change: This modification is needed to provide for the reduction of various line item quantities to reflect final placement quantity for the completion of the Chaland Headland Restoration Project, Gulf of Mexico, Louisiana.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (*Type or Print*)		16A. Name and title of Contracting Officer (*Type or Print*) PAMELA L. STICHWEH 816-426-2067 Contracting Officer Pamela.L.Stichweh@noaa.gov	
15B. Contractor/Offeror (Signature of person authorized to sign)	15C. Date Signed	16B. United States of America (Signature of Contracting Officer)	16C. Date Signed Apr 10, 2007

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0004	DUNE AND BEACH FILL	1748443	CY	5.55	9,703,858.65
	Accounting and Appropriation Data: 14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000.000000 US$ 9,703,858.65				
0005	MARSH FILL	735206	CY	3.05	2,242,378.30
	Accounting and Appropriation Data: 14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000.000000 US$ 2,242,378.30				
0006	PRIMARY DIKES	16273	LF	13.35	217,244.55
	Accounting and Appropriation Data: 14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000.000000 US$ 217,244.55				
0009	SAND FENCING	27349	LF	7.55	206,484.95
	Accounting and Appropriation Data: 14.05.2RL6RRS.P00.07.021002000.301300030000 0000.25270000.000000 US$ 206,484.95				

Block 14 Continued.

b. The Change: The changes are considered in the best interest of the Government and are as follows:

Line item 4 - Dune and Beach fill	Quantity	Unit cost	Total
Base Bid	1,792,200	$5.55/CY	$9,946,710.00
Decrease in dune and beach fill for this modification 0008	-43,757	$5.55/CY	-$242,851.35
Revised total price	1,748,443	$5.55/CY	$9,703,858.65
Line item 5 - Marsh fill	Quantity	Unit cost	Total
Base bid	950,200	$3.05/CY	$2,898,110.00
Decrease in marsh fill for this modification 0008	-214,994	$3.05/CY	-$655,731.70
Revised total price	735,206	$3.05/CY	$2,242,378.30
Line item 6 - Primary dikes	Quantity	Unit cost	Total
Base bid	20,294	$13.35/LF	$270,924.90
Decrease in primary dikes for this modification 0008	-4,021	$13.35/LF	-$53,680.35
Revised total price	16,273	$13.35/LF	$217,244.55
Line item 9 - Sand Fencing	Quantity	Unit Cost	Total
Base Bid	27,390	$7.55/LF	$206,794.50
Decrease in Sand Fencing for this modification 0008	-41	$7.55/LF	-$309.55
Revised total price	27349	$7.55/LF	$206,484.95
Net adjustment of contract price			**-$952,572.95**

c. Time: There is no change in time as a result of this modification. Substantial completion and final inspection occurred on January 10, 2007. Period of performance ended February 22, 2007.

d. Payment: Pricing Summary:

1. Original contract price: $15,549,195.40

2. Net Adjustment of Contract price pursuant to previous modification(s):

Modification P00001	0.00
Modification 0002	238,887.00
Modification 0003	32,993.62
Modification 0004	0.00
Modification 0005	-5,478.00
Modification 0006	988,234.45
Modification 0007	-988,234.45

3. Net adjustment of contract price pursuant to this modification:

Modification 0008 -952,572.95

4. Total Contract Price: $14,863,025.07

In consideration of the modification agreed to herein, Contractor hereby agrees to remise, release and forever discharge the Government, its officers, agents and employees of and from all liabilities, obligations, claims, appeals and demands, whether known or unknown, asserted or unasserted, directly or indirectly, whether administrative or judicial, legal or equitable, arising under or related to such facts or circumstances giving rise to the changes to CLIN 0004, 0005, 0006, and 0009 except for (if none, write "none below):

___None_____
_____
_____
_____

By signature of this modification, Contractor AGREES to the terms and conditions identified above, and AGREES to the Release of Claims as stated above.

APPENDIX F

FIELD ADJUSTMENT REPORTS

Contractor: Weeks Marine, Inc.	Field Adj Number: JLM-001
Construction Contract Number: WC133F-05-CN-1279	Date: January 11, 2006

Chaland Headland Restoration (BA38-2) CWPPRA Project

Spec Paragraph and/or Drawing Number:	Ref (Shop Drawing):
Technical Provisions-16.2-Payment Requests	N/A

Description of Work Affected:

As per Request for Interpretation (R.F.I) number 02-Payment for Pre-Const Surveys dated January 11, 2006 delete the following requirement from technical provisions paragraph 16-Payment for Pre-Construction Survey-subparagraph 16.2-Payment Requests:

(1). The Contractor may apply for payment for the pre-construction survey once the completed survey of the dune and beach fill area has been submitted to the Government in a survey format provided in Appendix III. If the Contractor elects to perform their own marsh pre-construction survey, and submit this survey as the basis for payment, then completed marsh fill area and dune and beach fill area surveys must be submitted to qualify for payment. There will be no partial payment for the pre-construction survey.

As per Request for Interpretation (R.F.I) number 02-Payment for Pre-Const Surveys dated January 11, 2006 replace the above deleted requirement from the technical provisions paragraph 16-Payment for Pre-Construction Survey-subparagraph 16.2-Payment Requests with the following:

(1). The Contractor shall invoice for pre-construction surveys based on the percentage of the pre-construction survey that has been completed. The percent complete will be based on the number of lines completed and submitted out of a total of 200 lines to be surveyed (58 marsh survey lines and 142 beach survey lines). Marsh survey lines shall be defined as extending from the landward crest of the dune to 5 feet north of the toe of the primary dike. Beach surveys shall be defined as extending from 10 feet north of the landward toe of dune to 250 feet seaward of the toe of fill. Survey lines shall be surveyed per TP-35 and TP-36. Data shall be submitted in an ASCII file in one of the formats provided in Appendix III of the Technical Provisions.

Reason for Adjustment:

The Government granted permission to the Contractor to submit partial pre-construction survey data in accordance with RFI number 01-Fill Placement.

** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION **

Recommended By:			***Prime CONTRACTOR Agreement:***	***C.O. Agreement:***
	Initials	Date	Date/Signature & Title:	✓ Approved Disapproved
Jason Manthey	JLM	01/11/06		
A/E				Date/Signature/Title
CO			J STEPHEN CHATFIELD, V.P.	Amelia Rutledge Michael
ACO			13 JAN 2006	

Contractor: Weeks Marine, Inc.	Field Adj Number: GGT-002
Construction Contract Number: WC133F-05-CN-1279	Date: May 17, 2006

Chaland Headland Restoration (BA38-2) CWPPRA Project

Spec Paragraph and/or Drawing Number:	Ref (Shop Drawing):
Technical Provision 33- Settlement Plates, Subparagraph 33.2- Materials	Drawing DE-3, Sheet 33

Description of Work Affected:

The Contractor shall install settlement plates with top of pipe elevations between 5 and 8 feet above finished grade.

Replace the following requirement to technical provisions paragraph 33 –Settlement Plates - subparagraph 33.2-Materials:

Plates shall be fabricated with a four foot (4') x four foot (4') x one fourth inch (1/4") steel plate with a three inch (3") diameter galvanized riser pipe connected to the center of the plate with a 3/16" continuous filet weld. The pipe length shall be of sufficient length to facilitate the placement in the areas as in the plans, extending a minimum of 5 feet above finished grade and a maximum of 8 feet above finished grade. The top of the pipe will be closed with a galvanized cap. After fabrication, the settlement plate shall be hot dipped galvanized.

The Government will provide extensions for the settlement plate posts to facilitate the change if required.

Reason for Adjustment:

The contract drawings and technical specifications do not indicate a maximum top of pipe elevation for the settlement plates. The Louisiana Department of Natural Resources has requested a maximum top of pipe elevation between 5 and 8 feet above target ground elevation.

** THIS FIELD ADJUSTMENT SHALL NOT REBULT IN A CHANGE IN CONTRACT [illegible] OR THE TIME FOR COMPLETION **

Recommended By:			*Prime CONTRACTOR Agreement:*	*C.O. Agreement:*
	Initials	Date	Date/Signature & Title:	✓ Approved
Jason Manthey				Disapproved
A/E	GGT	05/17/06		Date/Signature/Title
CO			5/23/06 Proj. Mgr.	Pam Stichwel
ACO				Contracting Officer 6/6/06

Contractor: Weeks Marine, Inc.	Field Adj Number: GGT-003
Construction Contract Number: WC133F-05-CN-1279	Date: May 17, 2006

Chaland Headland Restoration (BA38-2) CWPPRA Project

Spec Paragraph and/or Drawing Number:	Ref (Shop Drawing):
Technical Provision 34-Navigation Warning Signs	Drawing DE-2, Sheet 32

Description of Work Affected:

The locations of the navigation warning signs shown in the plans shall be changed as follows:

Sign #1 – N=299921, E=3775118 (Sta 7+42)
Sign #2 – N=299518, E=3780144 (Sta 57+20)
Sign #3 – N=299658, E=3781897 (Sta 74+45)
Sign #4 – N=299081, E=3783475 (Sta 91+00)
Sign #5 – N=297980, E=3786781 (Sta 125+00)

Temporary navigation warning signs shall be installed immediately after closure of the canal. These temporary signs do not initially have to be placed on the timber pilings, as directed in TP 34. However, the Contractor will be eligible for payment once the permanent signs have been installed per the specifications.

Reason for Adjustment:

The location of the signs has to be revised due to realignment of the dikes and reassessment of the originally proposed location of the signs.

** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION **

Recommended By:			*Prime CONTRACTOR Agreement:*	*C.O. Agreement:*
	Initials	Date	Date/Signature & Title:	✓ Approved Disapproved
Jason Manthey			Gary W Johnson	
A/E	GGT	05/17/06	5-29-06	Date/Signature/Title 6/1/06
CO			Project Manager	Contracting Officer
ACO				

Contractor: Weeks Marine Incorporated	Field Adj. Number:	JLM-004
Construction Contract Number:WC133F-05-CN-1279	Date:	August 18, 2006

Chaland Headland Restoration (BA38-2) CWPPRA Project

Spec Paragraph and/or Drawing Number:	Ref (Shop Drwg):
Drawing numbers BA-3 (sheet 8 of 33) and BA-4 (sheet 9 of 33), Appendix I of Technical Provisions, Sheets 4, 5 and 6	

Description of Work Affected:

The bottom elevation of all dredge cuts as indicated on drawing BA-3 (Sheet 8 of 33) shall be increased by five (5) feet. Therefore the maximum excavation depths are adjusted as follows:

Cuts to – 24 feet NAVD88 are increased to a maximum cut depth of – 29 feet NAVD88
Cuts to – 26 feet NAVD88 are increased to a maximum cut depth of – 31 feet NAVD88
Cuts to – 28 feet NAVD88 are increased to a maximum cut depth of – 33 feet NAVD88
Cuts to – 29 feet NAVD88 are increased to a maximum cut depth of – 34 feet NAVD88
Cuts to – 30 feet NAVD88 are increased to a maximum cut depth of – 35 feet NAVD88
Cuts to – 32 feet NAVD88 are increased to a maximum cut depth of – 37 feet NAVD88

Once the revised drawings BA-3 (sheet 8 of 33) and BA-4 (sheet 9 of 33) are completed they will be electronically sent out to all concerned parties.

Project permits have been accordingly amended by the U.S. Army Corps of Engineers, Louisiana Department of Environmental Quality, and the Louisiana Department of Natural Resources. Modified permit plats are appended hereto and are substituted for Sheets 4, 5 and 6 of Appendix I of the Technical Provisions.

Reason for Adjustment:

To allow for more efficient excavation of borrow area sands and compensate for Contractor's difficulty in managing beach and dune fill operations.

*** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION ***

Recommended By:			*Prime CONTRACTOR Agreement:*	*C.O. Agreement:*
	Initials	Date	Date/Signature & Title:	✓ Approved
Jason Manthey	JLM	8/18/06		Disapproved
A/E				Date/Signature/Title
CO			J. STEPHEN CHATRY VP August 18, 2006	Stephen L.

Contractor:	Field Adj Number:	GGT-005-R1
Weeks Marine Incorporated	Date:	August 31, 2006

Chaland Headland Restoration (BA38-2) CWPPRA Project

Spec Paragraph and/or Drawing Number: PV-1/2 **Ref (Shop Drwg):**

Drawing numbers PV-1 (sheet 4 of 33) and PV-2 (sheet 5 of 33), Techncial Provision 32.3.1.

Description of Work Affected:

Minor adjustments have been made to the sand fence locations shown in the bid plans. The length of sand fence to be installed has remained the same. The coordinates show the start, end, and bend points of the fence line as depicted in the revised plans. The coordinates are provided in State Plane, NAD '83, LA South.

Northern Fence		Southern Fence	
Easting	Northing	Easting	Northing
3775935.2	299044.8	3776243.0	298926.4
3776282.6	299002.1	3776753.7	298860.4
3776761.6	298940.2	3777233.7	298795.6
3777240.8	298875.3	3777714.1	298729.5
3777719.6	298809.4	3778193.5	298656.5
3778197.5	298736.7	3778669.2	298584.0
3778678.9	298663.4	3779150.0	298539.2
3779162.2	298618.3	3779628.1	298478.5
3779644.4	298557.0	3780112.2	298453.1
3780129.1	298531.6	3780596.4	298394.8
3780606.1	298474.1	3781077.3	298334.2
3781085.4	298413.9	3781557.6	298268.2
3781564.1	298348.2	3782036.9	298200.3
3782044.0	298280.0	3782521.5	298137.2
3782520.0	298218.2	3783000.6	298026.1
3782989.5	298109.2	3783474.7	297916.2
3783463.6	297999.3	3783948.7	297806.3
3783937.7	297889.4	3784418.6	297697.5
3784416.1	297778.6	3784894.3	297630.1
3784898.9	297710.2	3785372.9	297554.7
3785377.0	297634.8	3785851.5	297485.1
3785856.6	297565.2	3786330.3	297414.3
3786335.6	297494.2	3786804.2	297346.9
3786820.1	297425.4	3787284.3	297327.0
3787310.2	297405.1	3787773.8	297306.7
3787790.5	297385.2	3788257.9	297242.0
3788265.4	297321.7	3788736.0	297178.1
3788701.1	297263.4		
3788785.7	297253.3		

Reason for Adjustment:				
To facilitate accurate installation of the sand fence per the revised construction plans.				
*** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION ***				
Recommended By: Gordon Thomson			***Prime CONTRACTOR Agreement:***	***C.O. Agreement:***
	Initials	Date	Date/Signature & Title:	✓ Approved
Jason Manthey	JLM	9/15/06	Gary W. Johnson	Disapproved
A/E				Date/Signature/Title
CO			Proj. Mgr. 9-31-06	Pamela L. Whittle Contract C
ACO				9/25/06

Contractor:	**Field Adj Number:** GGT-006
Weeks Marine Incorporated	**Date:** September 9, 2006

Chaland Headland Restoration (BA35-2) CWPPRA Project

Spec Paragraph and/or Drawing Number: PV-1/2	**Ref (Shop Drwg):**
Technical Provision 32.1	

Description of Work Affected:

Minor adjustments have been made to the required sand fence wiring wraps at the end of fence sections described in the project specifications. Technical Provision 32.1 states that "At the end of fence sections, two wraps of wiring shall be used at each fence wire and at the top and the bottom." The upper and lower fence wires are near the extremities of the wood slats making fence wire attachments at the top and bottom of the sand fence redundant. At the end of fence sections, two wraps shall be used at each fence wire.

Reason for Adjustment:

To facilitate efficient installation of the sand fence.

***** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION *****

Recommended By: Gordon Thomson			***Prime CONTRACTOR Agreement:***	***C.O. Agreement:***
	Initials	Date	Date/Signature & Title:	✓ Approved Disapproved
Jason Manthey	JLM	9/15/06	Gary W. Johnson	Date/Signature/Title
A/E			Proj. MGR. 9-15-06	Pamela J. Walker-Stakwell 9/25/06
CO				
ACO				

Contractor:	Field Adj Number: GGT-007-R1
Weeks Marine Incorporated	Date: October 11, 2006

Chaland Headland Restoration (BA38-2) CWPPRA Project

Spec Paragraph and/or Drawing Number:	Ref (Shop Drwg):
Drawing Numbers: PV-1 (sheet 4 of 33), PV-2 (sheet 5 of 33), and DE-2 (sheet 32 of 33) Technical Provision 32.3.1.	

Description of Work Affected:

The gap in the sand fence at the 30-foot section overlaps has been changed from 3 feet to 6 feet. The Government understands that the sand fencing has been staked out between Sta 40+00 and Sta 67+91 with a 3-foot gap. The Government requests that WMI incorporate the 6-foot gap in this section. Approximation of the additional 3 feet will suffice; precise surveying of the layout is not required.

The spacing between the north and south sand fence lines shall be 80 feet.

The sand fence location has been revised so that a single row of sand fence extends to the western end of the project. The length of sand fence to be installed has remained the same as a portion of the southern row of sand fence was removed from the east end of the project. The coordinates below show the start, end, and bend points of the fence line as depicted in the revised plans with the new coordinates shown in bold. The coordinates are provided in State Plane, NAD '83, LA South.

North Sand Fence		South Sand Fence	
Easting	Northing	Easting	Northing
3775201.6	**299497.5**	3776243.0	298926.4
3775813.7	**299154.8**	3776753.7	298860.4
3775935.2	299044.8	3777233.7	298795.6
3776282.6	299002.1	3777714.1	298729.5
3776761.6	298940.2	3778193.5	298656.5
3777240.8	298875.3	3778669.2	298584.0
3777719.6	298809.4	3779150.0	298539.2
3778197.5	298736.7	3779628.1	298478.5
3778678.9	298663.4	3780112.2	298453.1
3779162.2	298618.3	3780596.4	298394.8
3779644.4	298557.0	3781077.3	298334.2
3780129.1	298531.6	3781557.6	298268.2
3780606.1	298474.1	3782036.9	298200.3
3781085.4	298413.9	3782521.5	298137.2
3781564.1	298348.2	3783000.6	298026.1

(continued)

North Sand Fence		South Sand Fence	
Easting	Northing	Easting	Northing
3782044.0	298280.0	3783474.7	297916.2
3782520.0	298218.2	3783948.7	297806.3
3782989.5	298109.2	3784418.6	297697.5
3783463.6	297999.3	3784894.3	297630.1
3783937.7	297889.4	3785372.9	297554.7
3784416.1	297778.6	3785851.5	297485.1
3784898.9	297710.2	3786330.3	297414.3
3785377.0	297634.8	3786804.2	297346.9
3785856.6	297565.2	3787284.3	297327.0
3786335.6	297494.2	3787773.8	297306.7
3786820.1	297425.4	3787878.3	297292.8
3787310.2	297405.1		
3787790.5	297385.2		
3788265.4	297321.7		
3788701.1	297263.4		
3788785.7	297253.3		

Reason for Adjustment:
The gap in the sand fence at the 30 foot section overlaps has been changed from 3 feet to 6 feet to facilitate efficient monitoring and field assessments of the beach following construction. The sand fence was extended further west to promote dune creation in the project area where the constructed berm crest elevation was below 6 foot NAVD design crest elevation.

***** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION *****

Recommended By: Gordon Thomson			***Prime CONTRACTOR Agreement:***	***C.O. Agreement:***
	Initials	Date	Date/Signature & Title:	✓ Approved 11/8/06
Jason Manthey	JLM	10/11/06	Barry W Johnson	Disapproved
A/E				Date/Signature/Title
CO			Proj. Mgr. 10/11/06	Pamela Nettles-Mitchell
ACO				Contracting Officer

Contractor:	**Field Adj Number:**	JLM-008
Weeks Marine Incorporated	**Date:**	October 20, 2006

Chalaud Headland Restoration (BA38-2) CWPPRA Project

Spec Paragraph and/or Drawing Number:	**Ref (Shop Drwg):**
XS-12 and XS-13 (Sheets 21 of 33 and 22 of 33) and Technical Provision 9.6, Fill Tolerances.	

Description of Work Affected:

The affected work is marsh fill operations in the former water discharge area between STA 104+22 and STA 124+40 (i.e., CM42 to CG25A). This Field Adjustment Report waives the lower template tolerance in the referenced area. **The upper tolerance remains unchanged**. Payment will be made for material placed in this area regardless of whether the lower tolerance is achieved.

The Contractor shall not use tracked equipment in this area to facilitate the flow and distribution of fill materials. The use of tracked equipment in this area shall be avoided to prevent rutting of existing vegetated wetlands.

Reason for Adjustment:

To minimize tracked equipment crossing the existing marsh between STA 104+22 and STA 124+40, which can cause rutting and channeling of the existing marsh area that will adversely impact the existing marsh in this area.

**** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION ****

Recommended By:			***Prime CONTRACTOR Agreement:***	***C.O. Agreement:***
	Initials	Date	Date/Signature & Title:	✓ Approved 11/14/06
Jason Manthey	JLM	10/20/06	Gary W. Johnson	Disapproved
A/E				Date/Signature/Title
CO			Proj. MGR. 10-29-06	Pamela Stewart Stickney
ACO				Contracting Officer

Contractor:	**Field Adj Number:**	JLM-009
Weeks Marine Incorporated	**Date:**	December 11, 2006

Chaland Headland Restoration (BA38-2) CWPPRA Project

Spec Paragraph and/or Drawing Number:	**Ref (Shop Drwg):**
N/A	

Description of Work Affected:

The Government requests that WMI use existing on-site equipment to create three gaps in retention dikes in the locations generally depicted on the attached drawings. Gaps shall be created only after fill operations in the vicinity are complete, and the Government has accepted adjacent marsh fill sections.

The gaps shall be created by removing material in the containment dikes to an elevation approximately equal to the created marsh platforms. Gaps should be about twenty (20) to twenty-five (25) feet wide. Gaps should not be excavated below the elevation of the marsh platform. Any material excavated during gapping may be scraped onto adjacent dike sections or compressed in place; in no case shall material be placed outside the project limits.

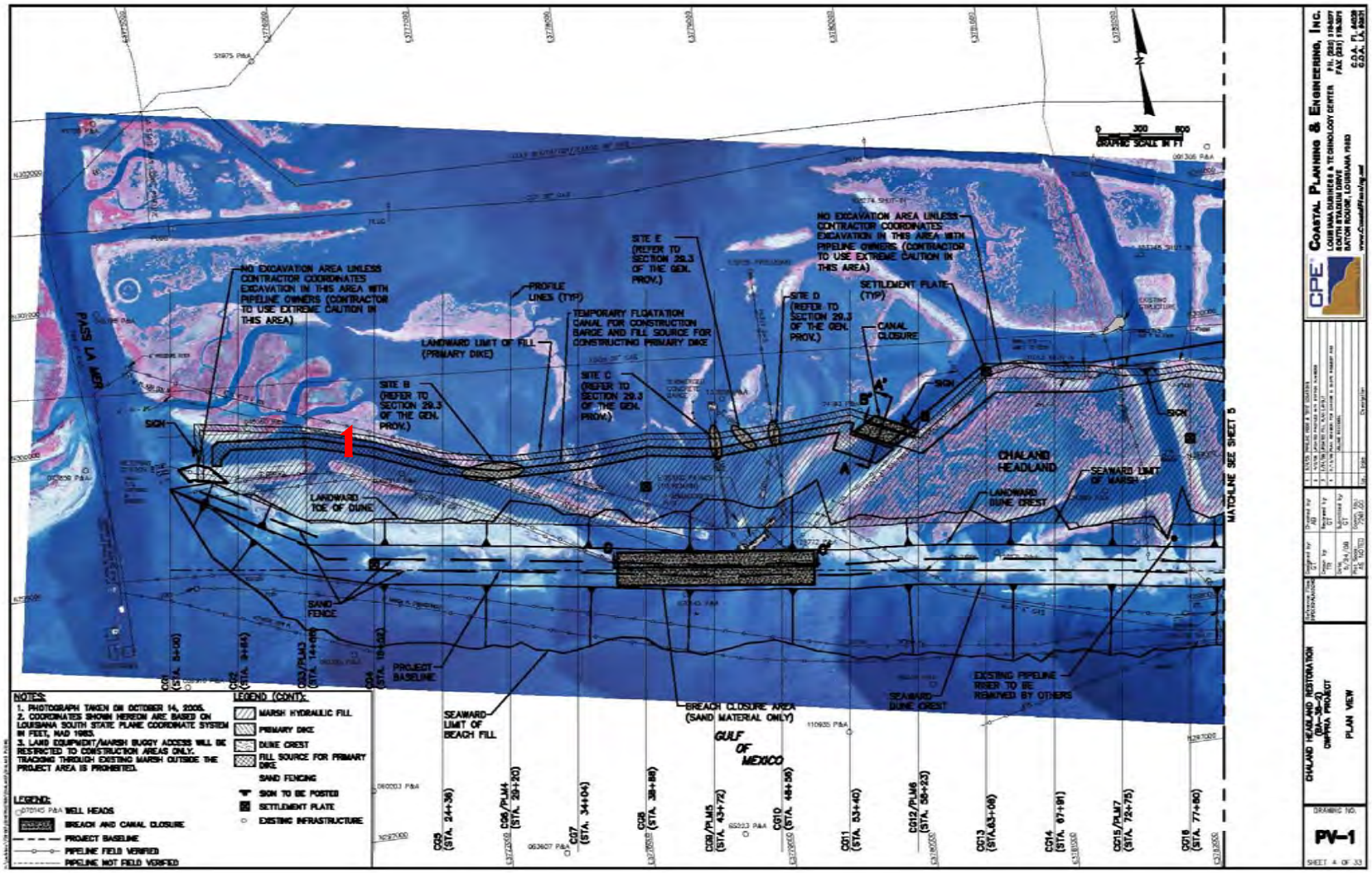
The locations of Gaps 2 and 3 are intended to be where there are currently drainage pipes (Gap 2) and dewatering structures (Gap 3) in place.

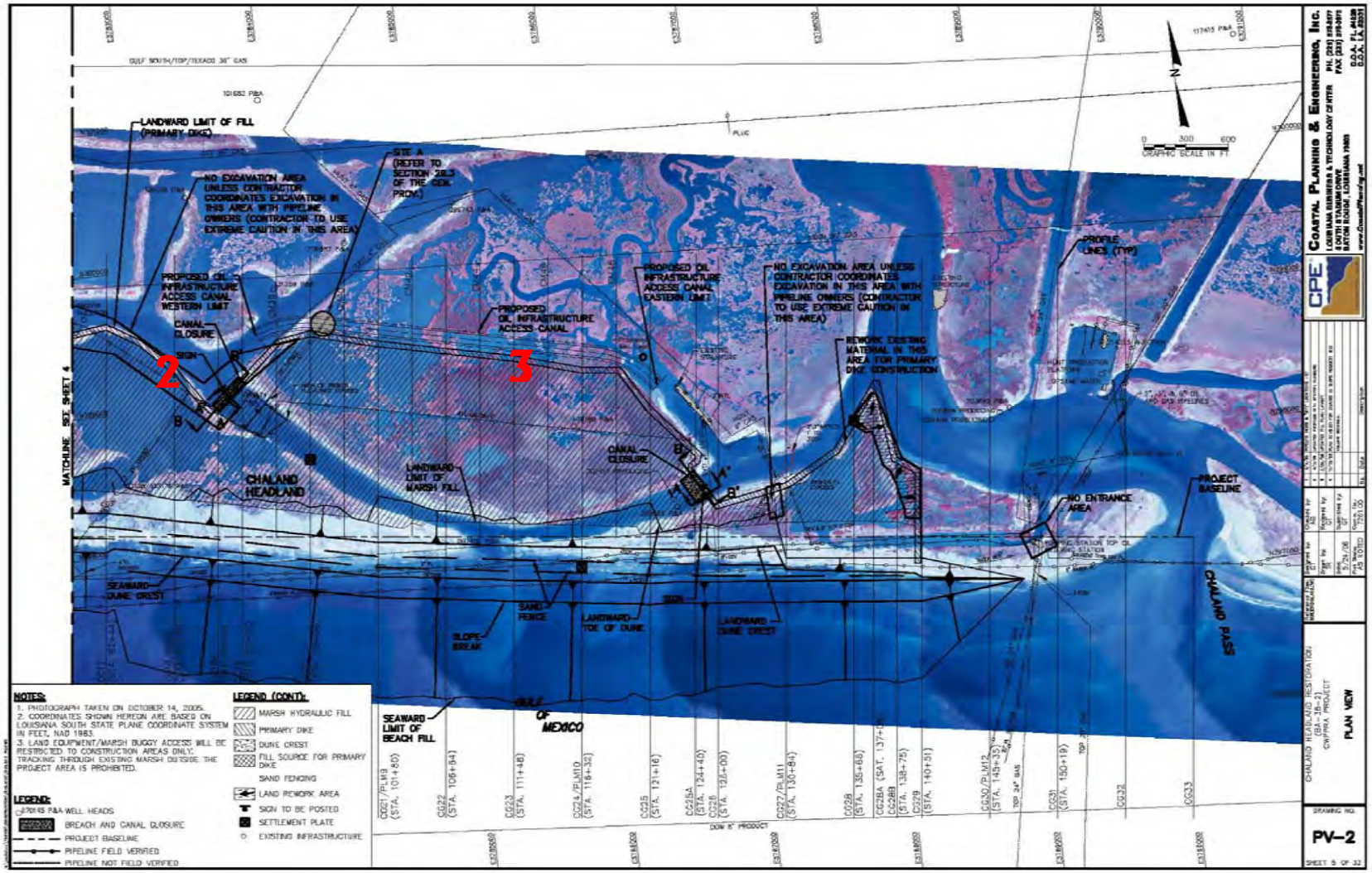
Reason for Adjustment:

To allow water trapped within the disposal area to drain, and to encourage tidal flushing to contribute to marsh establishment within the project area.

** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION **

Recommended By:			***Prime CONTRACTOR Agreement:***	***C.O. Agreement:***
	Initials	Date	Date/Signature & Title:	✓ Approved
Jason Manthey	JM	12/11/06	Larry W. Johnson Pres. MGR. 12-12-06	Disapproved
A/E				Date/Signature/Title
CO				Pamela Stubblefield Contracting Officer 12/19/06
ACO				


NO EXCAVATION AREA UNLESS CONTRACTOR COORDINATES EXCAVATION IN THIS AREA WITH PIPELINE OWNERS (CONTRACTOR TO USE EXTREME CAUTION IN THIS AREA)
PROFILE LINES (TYP)
LANDWARD LIMIT OF FILL (PRIMARY DIKE)
TEMPORARY FLOATATION CANAL FOR CONSTRUCTION BARGE AND FILL SOURCE FOR CONSTRUCTING PRIMARY DIKE
SITE E (REFER TO SECTION 29.3 OF THE GEN. PROV.)
SITE D (REFER TO SECTION 29.3 OF THE GEN. PROV.)
SITE C (REFER TO SECTION 29.3 OF THE GEN. PROV.)
SITE B (REFER TO SECTION 29.3 OF THE GEN. PROV.)
SETTLEMENT PLATE (TYP)
CANAL CLOSURE
SIGN
CHALAND HEADLAND
SEAWARD LIMIT OF MARSH
LANDWARD DUNE CREST
LANDWARD TOE OF DUNE
SAND FENCE
PROJECT BASELINE
SEAWARD LIMIT OF BEACH FILL
BREACH CLOSURE AREA (SAND MATERIAL ONLY)
SEAWARD DUNE CREST
EXISTING PIPELINE RISER TO BE REMOVED BY OTHERS
GULF OF MEXICO
PASS LA MER
MATCHLINE SEE SHEET 5
GRAPHIC SCALE IN FT
NOTES:
1. PHOTOGRAPH TAKEN ON OCTOBER 14, 2005.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.
LEGEND:
WELL HEADS
BREACH AND CANAL CLOSURE
PROJECT BASELINE
PIPELINE FIELD VERIFIED
PIPELINE NOT FIELD VERIFIED
LEGEND (CONT):
MARSH HYDRAULIC FILL
PRIMARY DIKE
DUNE CREST
FILL SOURCE FOR PRIMARY DIKE
SAND FENCING
SIGN TO BE POSTED
SETTLEMENT PLATE
EXISTING INFRASTRUCTURE
C01 (STA. 5+00)
C02 (STA. 9+65)
C03/PLM3 (STA. 14+00)
C04 (STA. 19+52)
C05 (STA. 24+36)
C06/PLM4 (STA. 29+20)
C07 (STA. 34+04)
C08 (STA. 38+88)
C09/PLM5 (STA. 43+72)
C010 (STA. 48+56)
C011 (STA. 53+40)
C012/PLM6 (STA. 58+23)
C013 (STA.63+06)
C014 (STA. 67+91)
C015/PLM7 (STA. 72+75)
C016 (STA. 77+60)
COASTAL PLANNING & ENGINEERING, INC.
CHALAND HEADLAND RESTORATION (BA-38-2) OMPRA PROJECT
PLAN VIEW
DRAWING NO.
PV-1
SHEET 4 OF 33


LANDWARD LIMIT OF FILL (PRIMARY DIKE)
NO EXCAVATION AREA UNLESS CONTRACTOR COORDINATES EXCAVATION IN THIS AREA WITH PIPELINE OWNERS (CONTRACTOR TO USE EXTREME CAUTION IN THIS AREA)
SITE A (REFER TO SECTION 2B.3 OF THE GEK PROV.)
PROPOSED OIL INFRASTRUCTURE ACCESS CANAL WESTERN LIMIT
CANAL CLOSURE
SIGN
PROPOSED OIL INFRASTRUCTURE ACCESS CANAL
PROPOSED OIL INFRASTRUCTURE ACCESS CANAL EASTERN LIMIT
NO EXCAVATION AREA UNLESS CONTRACTOR COORDINATES EXCAVATION IN THIS AREA WITH PIPELINE OWNERS (CONTRACTOR TO USE EXTREME CAUTION IN THIS AREA)
REWORK EXISTING MATERIAL IN THIS AREA FOR PRIMARY DIKE CONSTRUCTION
PROFILE LINES (TYP)
2
3
MATCHLINE SEE SHEET 4
CHALAND HEADLAND
LANDWARD LIMIT OF MARSH FILL
CANAL CLOSURE
NO ENTRANCE AREA
PROJECT BASELINE
CHALAND PASS
SEAWARD DUNE CREST
SAND FENCE
LANDWARD TOE OF DUNE
LANDWARD DUNE CREST
SIGN
SLOPE BREAK
SEAWARD LIMIT OF BEACH FILL
GULF OF MEXICO
CG21/PLM13 (STA. 101+80)
CG22 (STA. 106+94)
CG23 (STA. 111+48)
CG24/PLM10 (STA. 116+32)
CG25 (STA. 121+16)
CG25A (STA. 124+40)
CG26 (STA. 126+00)
CG27/PLM11 (STA. 130+84)
CG28 (STA. 135+68)
CG28A (SAT. 137+0
CG28B (STA. 138+75)
CG29 (STA. 140+51)
CG30/PLM12 (STA. 145+35)
CG31 (STA. 150+19)
CG32
CG33
DOW 6" PRODUCT
TOP 24" GAS
NOTES:
1. PHOTOGRAPH TAKEN ON OCTOBER 14, 2005.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.
LEGEND:
P&A WELL HEADS
BREACH AND CANAL CLOSURE
PROJECT BASELINE
PIPELINE FIELD VERIFIED
PIPELINE NOT FIELD VERIFIED
LEGEND (CONT):
MARSH HYDRAULIC FILL
PRIMARY DIKE
DUNE CREST
FILL SOURCE FOR PRIMARY DIKE
SAND FENCING
LAND REWORK AREA
SIGN TO BE POSTED
SETTLEMENT PLATE
EXISTING INFRASTRUCTURE
COASTAL PLANNING & ENGINEERING, INC.
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT
PLAN VIEW
PV-2
SHEET 5 OF 32

Contractor: Weeks Marine, Inc.	Field Adj Number:	JLM-010
Construction Contract Number: WC133F-05-CN-1279	Date:	February 23, 2007

Chaland Headland Restoration (BA38-2) CWPPRA Project

Spec Paragraph and/or Drawing Number:	Ref (Shop Drawing):
Technical Provision 32.3.1	Drawing PV-1 (Sheet 4 of 33) and PV-2 (Sheet 5 of 33)

Description of Work Affected:

Based on the sand fencing layout that was staked out prior to the December 14, 2006 bi-weekly meeting is now required to be changed due to the fill materials being too soft to support the fence posts east of station 110+00.

The new revised fencing coordinates are shown below. It should be noted that these coordinates are provided in State Plane, NAD '83, LA South.

Northern Fence		Southern Fence	
Easting	Northing	Easting	Northing
3775201.6	299497.5	3776243.0	298926.4
3775813.7	299154.8	3776753.7	298860.4
3775935.2	299044.8	3777233.7	298795.6
3776282.6	299002.1	3777714.1	298729.5
3776761.6	298940.2	3778193.5	298656.5
3777240.8	298875.3	3778669.2	298584.0
3777719.6	298809.4	3779150.0	298539.2
3778197.5	298736.7	3779628.1	298478.5
3778678.9	298663.4	3780112.2	298453.1
3779162.2	298618.3	3780596.4	298394.8
3779644.4	298557.0	3781077.3	298334.2
3780129.1	298531.6	3781557.6	298268.2
3780606.1	298474.1	3782036.9	298200.3
3781085.4	298413.9	3782521.5	298137.2
3781564.1	298348.2	3783000.6	298026.1

(continued)

3782044.0	298280.0	3783474.7	297916.2
3782520.0	298218.2	3783948.7	297806.3
3782989.5	298109.2	3784418.6	297697.5
3783463.6	297999.3	3785031.5	297608.5
3783937.7	297889.4		
3784416.1	297778.6		
3784898.9	297710.2		
3785156.6	297669.6		
3785251.9	297806.4		
3786629.5	297604.0		
3786663.6	297488.1		
3787187.2	297450.2		
3788250.3	297192.1		

Eastern Fence		Western Fence	
Easting	Northing	Easting	Northing
3787017.9	297422.3	3775166.5	299608.8
3787181.0	297410.5	3775935.9	299178.1
3788240.9	297153.3	3776075.4	299162.6
3789003.9	297020.6		
3789115.0	297025.6		
3789176.3	297074.6		

** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION **

Recommended By:			***Prime CONTRACTOR Agreement:***	***C.O. Agreement:***
	Initials	Date	Date/Signature & Title:	✓ Approved
Jason Manthey	JDM	2/23/07		Disapproved
A/E				Date/Signature/Title
CO			Proj. MGR. 2/23/07	3/5/07 Contracting Officer
ACO				

APPENDIX G

REQUESTS FOR INTERPRETATION

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project

To: Jason Manthey, COR

Re: Permission to commence fill placement prior to completion of all surveys.

R.F.I. Number: 01

From: Larry DaVico, Division Engineer

Date: 07 January 2006

Contract Number: WC133F-05-CN-1279

Location: Plaquemines Parish, LA

Specification Section:Tech. Prov. Paragraph:35.6 Drawing:N/A Reference:N/A Detail:N/A

Request: The Contract Specifications state:
35.6 Pre-Construction Survey: Pre-construction surveys will be conducted by the CONTRACTOR. The surveys will be used by the GOVERNMENT to update the plans and prepare the final cross-sections for the Plans. The CONTRACTOR shall not commence construction until all cross-sections, based upon the CONTRACTOR's dune and beach fill area pre-construction survey, have been incorporated into the Plans for the project, unless permission to proceed is provided in writing by the GOVERNMENT.
Per Weeks Marine, Inc. (WMI) Serial Letter No. H-16 and Order of Work submittal WMI seeks the option to commence dredging operations prior to the completion of all land surveys. WMI requests interpretation of Technical Specifications, Para. 35.6 and further requests permission to proceed with the order of work per the referenced documents, in writing.

Signed by: Larry J. DaVico, Division Engineer

Response:

The Contractor may commence with primary dike construction and oil infrastructure access canal dredging between sections where marsh surveys have been completed. The marsh survey must extend from the landward dune crest to a minimum of 5 feet north of the toe of the primary dike for the marsh survey to be considered complete. Marsh surveys shall be conducted at intervals discussed in TP-9.3. Surveys that do not extend to the required limits will be deemed incomplete and work shall not be performed in these areas.

Beach/dune construction may not commence until pre-construction beach and marsh surveys for the western third of the island have been completed (CG1 to CG10). (The order of work indicated that beach construction would progress west to east from CG-1.) Beach fill may not be placed east of CG9 until pre-construction marsh and beach surveys have been completed through CG20. Beach fill may not be placed east of CG19 until pre-construction marsh and beach surveys have been completed for the entire project.

Pre-construction beach surveys shall be conducted as outlined in TP-8 and TP-35. The pre-construction beach surveys shall be at 100-foot intervals and shall extend a minimum of 250 feet seaward of the toe of fill.

The Government requires that survey information be provided at least five (5) days prior to work in the associated section (TP-35.6).

Given the modification to the work, the Government requests that surveys be submitted as soon as possible after collection.

Weeks Marine may proceed with the order of work in the referenced documents with the following stipulations:

1. The pre-construction surveys are completed prior to the work, as described above.

2. Weeks Marine clarifies the use of the water discharge area. Weeks Marine stated in an e-mail dated 10/21/05 that they plan to construct a secondary containment dike (north-south) at CG-7 to contain the marsh material. Runoff from the marsh placed between CG1 and CG7 would then be directed into the Gulf of Mexico. Weeks Marine must indicate if this secondary containment dike is to be degraded at the end of construction. Also, if the grade between CG1 and CG7 is too low and Weeks Marine is required to add additional marsh fill, where will the effluent be discharged if the beach has already been constructed?

[ ] Attachments

Response From: Gordon Thomson To: Jason Manthey Date Rec'd: 01/09/06 Date Ret'd: 01/10/06

Signed by: Jason L. Manthey, COTR Date: 01/11/06

Copies: [X] COTR [X] A/E [X] Project Manager [X] File

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project	R.F.I. Number: 02
To: Jason Manthey, COR	From: Larry DaVico, Division Engineer
	Date: 09 January 2006
Re: Payment for Bid Item 12, Pre Construction Surveys	Contract Number: WC133F-05-CN-1279
	Location: Plaquemines Parish, LA

Specification Section:Tech. Prov. Paragraph:16.2 Drawing:N/A Reference:N/A Detail:N/A

Request: The Contract Specifications state:

16.2 Payment Requests: The CONTRACTOR may apply for payment for the pre-construction survey once the completed survey of the dune and beach fill area has been submitted to the GOVERNMENT in a survey format provided in Appendix III. If the CONTRACTOR elects to perform their own marsh pre-construction survey, and submit this survey as the basis for payment, then completed marsh fill area and dune and beach fill area surveys must be submitted to qualify for payment. There will be no partial payment for the pre-construction survey.

If Weeks Marine, Inc. (WMI) receives permission, as a result of RFI #01, to commence fill operations in advance of the completion of all Pre Construction Surveys then WMI requests permission to invoice for Pre Construction Surveys, Bid Item 12, based on percentage of line item completed per pay period.

Signed by: Larry J. DaVico, Division Engineer

Response:

WMI may invoice for pre-construction surveys based on the percentage of the pre-construction survey that has been completed. The percent complete will be based on the number of lines completed and submitted out of a total of 200 lines to be surveyed (58 marsh survey lines and 142 beach survey lines). Marsh survey lines shall be defined as extending from the landward crest of the dune to 5 feet north of the toe of the primary dike. Beach surveys shall be defined as extending from 10 feet north of the landward toe of dune to 250 feet seaward of the toe of fill.

Survey lines shall be surveyed per TP-35 and TP-36. Data shall be submitted in an ASCII file in one of the formats provided in Appendix III of the Technical Provisions.

It should be noted that the Government will be issue a “Field Adjustment Report” documenting this change to the specifications.

[ ] Attachments

Response From: Gordon Thomson To: Jason Manthey Date Rec'd: 01/10/06
Date Ret'd: 01/10/06

Signed by: Jason L. Manthey, COTR Date: 01/11/06

Copies: [X] COTR [X] A/E [X] Project Manager [X] File

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project
To: Jason Manthey, COR
Re: Field Adjustments to the alignment of the Primary Dike

R.F.I. Number: 03
From: Gary Johnson
Date: 10 April 2006
Contract Number: WC133F-05-CN-1279
Location: Plaquemines Parish, LA

Specification Section: Tech.Prov. 28 Paragraph:28.1 Drawing:N/A Reference: N/A Detail:N/A

Request: We are requesting permission to make field adjustments in the alignment of the primary dike and / or fill source in approximately 5 different locations.
#1. Located west of line CG-1, this location (the western limits of the end dike) has eroded badly and is now in the surf zone. It needs to be moved eastward (out of the surf zone) approximately 150 feet into the footprint of the marsh platform.
#2. Located starting at CG-6 thru CG-3, the primary dike borrow area needs to be moved northward no more than 25 to 90 feet at the most in order for the dredge "542" to be able to reach it. WMI will work with Hunt Petroleum to cut and cap any abandoned flow lines impacted by the realignment at this location at no expense to the government.
#3. Located starting at line CG-14 thru CG-16, this alignment needs to be moved northward no more than 25 to 100 feet at the most in order for the dredge "542" to be able to reach it.
#4 Located at line CG-18A, this point of intersection of the primary dike and the canal closure falls into the canal. We are requesting to move it back to the waters edge approximately 25 feet to the south where the dike and the closure will intersect on land.
#5 Located between lines CM-46 and CM-48, we would like to move the alignment northward approximately 30 feet to straighten it out. At line CM-45 in the plans there appears to be an error in the locations given for the oil infrastructure canal at that location. The baseline distances to the canal are approximately 100 feet off and we would like to correct this.
#6 Located at line CG-28A, this location is now in approximately 8 to 10 feet of water and needs to be relocated on land approximately 50 feet to the south.

Signed by: Gary W. Johnson, Project Manager
[X] Attachments: The attached files present the realignment in state plane coordinates (NAD83) in ASCII text and Autocad dwg format.

Response:

Items #1 through #6 are acceptable to the Government. These revisions will be incorporated into the plan revisions described in Technical Provision 35.6. The quantities included in the schedule of prices shall be revised following the plan revisions, which will occur once the pre-construction survey has been submitted. The only quantities that may change in the schedule of prices due to the proposed changes will be to the quantity of marsh fill and the length of the primary dike. The contractor will be responsible for any other costs associated with the requested changes.

The Government has the following specific comments on the 6 items.

Item #1. This change is acceptable to the Government. This revision will be incorporated into the plan changes. The westernmost station of the marsh fill for pay surveys and computations will be Sta 5+71.

Item #2. This proposal is acceptable to the Government. It appears as though an additional length of abandoned flow lines will need to be cut and capped to facilitate the dredge operating in

this area. As these flow lines were shown in the bid documents, the Government does not consider this a changed site condition. Weeks Marine will be responsible for any and all expenses related to this change.

Item #3. The Government will accept moving the dike alignment north. However, the Government requires that the bend point in the dike be located along the intermediate marsh pay line at Sta 65+50, and that the proposed dike alignment rejoin the existing dike alignment at Sta 72+75.

Item #4. This shift is acceptable to the Government. For pay purposes, the length of the primary dike can be measured along the centerline of the primary dike, as shown. Line CG18A will be shifted 63.1 feet west so that this pay line falls at the apex of the bend in the primary dike.

Item #5. This change is acceptable to the Government as proposed.

Item #6. This change is acceptable to the Government as proposed.

[ ] Attachments:

Response From: Gordon Thomson, P.E. To: Jason Manthey Date Rec'd: 4/11/06
Date Ret'd: 4/12/06

Signed by: Jason L. Manthey, COTR Date: 4/13/06

Copies: [ ] COTR [ ] A/E [ ] File

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project	R.F.I. Number: 04
To: Jason Manthey, COR	From: Gary Johnson
	Date: 23 April 2006
Re: Field Adjustments to the alignment of the Primary Dike	Contract Number: WC133F-05-CN-1279
	Location: Plaquemines Parish, LA

Specification Section: Tech.Prov. 28 Paragraph:28.1 Drawing:N/A Reference:N/A Detail:N/A

Request: We are requesting permission to make field adjustments in the alignment of the primary dike and / or fill source in approximately 5 different locations.
#1. Located west of line CG-1, this location (the western limits of the end dike) is now in the surf zone. It needs to be moved eastward (out of the surf zone). Attached are the new coordinate points of the back toe of the dike.
#2. Located starting at CG-12 thru CG-13, we are requesting to utilize the existing waters edge as the outside toe of the retaining dike wherever possible. This will allow the dike to be constructed on ground instead of in the water. This change would move the dike alignment inside the footprint. The coordinates of the proposed alignment of the outside toe are attached.
#3. Located starting at line CG-14 thru CG-16, this alignment needs to be moved northward no more than 50 to 100 feet at the most in order for the dredge "542" to be able to reach it. The coordinates of the proposed alignment of the outside toe are attached
#4 Located at line CG-17 thru CG-18a, we are requesting to utilize the existing waters edge as the outside toe of the retaining dike wherever possible. This will allow the dike to be constructed on ground instead of in the water. The coordinates of the proposed alignment of the outside toe are attached.
#5 Located between lines CM-48 and CG-25a, we are requesting to utilize the existing waters edge as the outside toe of the retaining dike wherever possible. This will allow the dike to be constructed on ground instead of in the water. The coordinates of the proposed alignment of the outside toe are attached.
#6 Located between lines CG- 27 thru CG28, we are requesting to utilize the existing waters edge as the outside toe of the retaining dike wherever possible. This will allow the dike to be constructed on ground instead of in the water. The coordinates of the proposed alignment of the outside toe are attached.

Signed by: Gary W. Johnson, Project Manager

Response:
#1. **Correct and Resubmit.** Do not proceed. Insufficient data has been provided to determine the complete alignment of the primary dike. The Contractor shall submit additional data detailing where they propose to tie in the primary dike with the beach fill.

#2. **Accepted as Noted.** This change is acceptable to the Government with the following clarification. The survey points provided with this RFI do not tie in to the proposed primary dike shown on the plans. It is therefore assumed that the dike alignment will connect directly with the primary dike alignment at Sta 63+08. The Contractor should confirm that this is their intent.

#3. **Correct and Resubmit.** Do not proceed. While the Government agrees with the concept of moving the primary dike based on the data provided, it is not clear where the proposed

dike will join the primary dike shown on the construction plans. Additional data should be provided to show this alignment.

#4. **Accepted.** This change is acceptable to the Government. This revision will be incorporated into the plan changes.

#5. **Accepted as Noted.** This change is acceptable to the Government. This revision will be incorporated into the plan changes. Please note that the Government has assumed that the end of the proposed dike will tie in with the primary dike at Sta 118+72. As there are no pay profiles between these stations, the data supplied has been deemed acceptable.

#6. **Correct and Resubmit.** Do not proceed. The survey data provided for the northern limit of the primary dike does not toe in with the limits of the primary dike shown on the construction plans. Please provide data showing where the proposed primary dike will join the dike shown in the construction plans. Based on previous requests, it appears as though WM may return and ask for additional changes within this area. Please review the data submitted and determine whether additional requests will be submitted.

During the bi-weekly progress meeting on April 19, the Contractor suggested using a geotextile to stabilize the primary dikes at the west end during construction. The Government does not have a favorable opinion of this option unless the Contractor can provide evidence that the material is 100% biodegradable within 1 year. The Contractor will assume any and all costs associated with lining the primary dike with geotextile. If the Contractor plans to use geotextile, they should submit a formal request which includes at a minimum the material specification, description of the work, and a drawing of the proposed work.

Revised Response to RFI #4-May 9, 2006:

The responses below are based on additional data provided by the Contractor, requested in the comments above.

#1 Accepted as Noted. During the update of the project, the Government will extend the beach fill to the northwest by 400 feet. The western edge of the dune crest will extend to Sta 7+42, Range -4+80. The beach fill will provide a southern boundary for the marsh fill. The centerline of the primary dike of the dike will be located at Sta 7+23 (based on a 5 foot dike top width and side slopes of 1V:8H). The concept is that marsh pay line 7+42 will be the westernmost pay line for marsh fill. The northern limit will be the primary dike shown in the existing construction plans. The southern limit of the primary dike will be the 4.5' contour of the revised beach fill. Existing beach material may be used to construct the primary dike, once the material is within the footprint of the project.

The pay quantity for the primary dike will be updated when the final construction plans are updated (per TP-35.6).

#2 Accepted as Previously Noted.

#3 Accepted. This change is acceptable to the Government. This revision will be incorporated into the plan changes.

#4 Previously Accepted.

#5 Accepted as Previously Noted.

#6 Accepted. This change is acceptable to the Government. This revision will be incorporated into the plan changes.

[ ] Attachments:

1st Response From: Gordon Thomson, P.E. To: Jason Manthey Date Rec'd: 4/25/06 Date Ret'd: 4/26/06

2nd Response From: Gordon Thomson, P.E. To: Jason Manthey Date Rec'd: 5/3/06 Date Ret'd: 5/9/06

Signed by: Jason L. Manthey, COTR Date: 5/9/06

Copies: [X] COTR [X] A/E [X] File

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project

To: Jason Manthey, COR

Re: Grade stakes in marsh fill area

R.F.I. Number: 05

From: Gary Johnson

Date: 5 May 2006

Contract Number: WC133F-05-CN-1279

Location: Plaquemines Parish, LA

Specification Section: Tech. Prov.36 Paragraph: 36.3 Drawing: N/A Reference: N/A Detail N/A

Request: We are requesting permission to make changes in the number of grade elevations that will be established on each metal grade stake. Specification paragraph 36.3 states in part "These stakes shall have the minimum and maximum tolerance elevation delineated in non-identical colors" and "Each stake shall clearly indicate the target marsh elevation of +2.5' NAVD 88". Since the tolerances are only 3 tenths of a foot above and below the target marsh elevation, there will be three different marked grades in only 6 tenths of a foot. We feel that this is too close together and will be too hard to tell apart by our equipment operators, especially at night. Our operators are used to seeing only two grades (Minimum and Maximum) and further apart than 3 tenths, which is normal for fill projects. The flagging used to mark the grades will touch each other and tend to confuse the operators.

Signed by: Gary W. Johnson, Project Manager

Response:

The specifications shall be followed when marking the metal grade stakes and therefore, your request to change these specifications is denied.

[ ] Attachments:

Response From: Gordon Thomson, P.E. To: Jason Manthey Date Rec'd: 5/8/06 Date Ret'd: 5/8/06

Signed by: Jason L. Manthey, COTR Date: 5/9/06

Copies: [X] COTR [X] A/E [X] File

REQUEST FOR INTERPRETATION

Chaland Island Restoration (BA38-2)
Project: CWPPRA Project
To: Jason Manthey, COR

Re: Sand Fencing, Material Specifications

R.F.I. Number: 06
From: Gary Johnson
Date: 12 May 2006
Contract Number: WC133F-05-CN-1279
Location: Plaquemines Parish, LA

Specification Section: Tech. Prov.32 Paragraph: 32.2.1 Drawing: DE-2 Reference: N/A Detail N/A

Request: **We are requesting to change the post for the sand fence on behalf of our subcontractor "Soil Erosion Services, Inc."**
Attached please find our subcontractor's request for the change.

Signed by: Gary W. Johnson, Project Manager
[X] Attachments: 2 ea. Letters

Response:

The use of the untreated round 4" x 8' fence post instead of the treated 4" x 4" x 10' post is acceptable to the Government.

Based on the fact that this untreated round post is now two (2) feet shorter than what was original shown in the fencing details on drawing DE-2 (Sheet 32), the Contractor will now be required to install fence posts to a depth of four (4) feet and then the wooden fence shall be installed at the heights indicated in this detail. It should be noted the Government will be inspect the depth of these holes prior to and after the installation of these posts, if any posts fail to meet these requirements, the Contractor will be required to removed and re-install the post to its correct depth. NO TRIMMING OF THE FENCE POSTS SHALL BE ALLOWED. THE TOP OF THE FENCE POST SHALL BE FLUSH WITH WOODEN FENCE.

The Contractor will be required to submit to the Government as soon as possible a deduct cost proposal for the deletion of the treated 4" x 4" x 10' post to an untreated round 4" x 8' post.

[] Attachments:

Response From: Jason L. Manthey Date Rec'd: 5/12/06 Date Returned: 5/19/06

Signed by: Jason L. Manthey, COTR Date: 5/19/06

Copies: [X] COTR [X] A/E [X] File

SOIL EROSION SERVICES, INC.
307 Gauthier Lane
Simmesport, LA
Office: (318) 941-2461 *Fax:* (318) 941-2465

May 3, 2006

Weeks Marine, Inc.
Attn: Mr. Gary Johnson
304 Gaille Drive
Covington, LA 70433

Re; Chaland Headland Sand Fence

Dear Mr. Gary,

Enclosed please find the letter for the request to change the post for the sand fence. If there is anything else that I need to do for this request, please give me a call.

Thanks,

Anita Galland

Anita Galland

Enclosure

SOIL EROSION SERVICES, INC.
307 Gauthier Lane
Simmesport, LA
Office: (318) 941-2461 *Fax:* (318) 941-2465

May 3, 2006

Mr. Jason Manphey
US Department of Commerce – NOAA
601 East 12th Street, Room 1756
Kansas City, MO 64106

RE: Contract No. WC1330-05-CN-127
Dredging for the Construction of Chaland Headland
Restoration Project, Gulf of Mexico
Sand Fence Item

Dear Mr. Manphey,

I am requesting a modification in the plans and specifications for the post used with the sand fence on the above referenced project. I am requesting to use an untreated round 4" x 8' post, instead of the treated 4" x 4" x 10'. We have completed a previous DNR sand fence project that specified using the untreated round 4" x 8' post which worked out very well.

I have spoken with project manager Mr. Greg Grandy of DNR recently; he does not see where this modification would be a problem.

If you need further information regarding this request, please feel free to contact me.

Thank you for your help with this matter, it is greatly appreciated.

Sincerely,

Stanley Bordelon

REQUEST FOR INTERPRETATION

Chaland Island Restoration (BA38-2)
Project: CWPPRA Project
To: Jason Manthey, COR

Re: Existing spoil banks located in fill areas as Per discussions at bi-weekly progress meeting of 5-17-06.

R.F.I. Number: 07
From: Gary Johnson
Date: 26 May 2006
Contract Number: WC133F-05-CN-1279
Location: Plaquemines Parish, LA

Specification Section: Tech. Prov. Paragraph: Drawing: Reference: N/A Detail N/A

Request:
We are requesting to degrade, trench, and / or install drainpipe, as needed in order to prevent blockage of dredge effluent flow in order to maintain a uniform fill area. This primarily concerns the existing spoil banks adjacent to the existing canals that cross the fill areas. The spoil banks are a lot higher than the fill elevations and will impede the flow of marsh fill material. We will also need to utilize the existing high spoil bank located on the eastern side of Robinson Canal in the fill area as an access to and from the beach for the remainder of the project. This access does not quite reach the beach. We will need to degrade some of the highest spoil close to the beach and push it across an existing canal in order to complete the access. We will not use the existing spoil banks for any other reasons.

Signed by: Gary W. Johnson, Project Manager
[ ] Attachments:

1st Response from Gordon Thomson, CPE:

1. Degrading, Trenching, and Installing Drainpipes Across Existing Spoil Banks.

Please provide to the Government these proposed specific locations to accomplish the requested operation. The Government is concerned about the variable methods that your company is planning to use. If your company installs drain pipes, then these pipes will have to be removed at a later date, further disturbing the completed marsh. If your company plan to notch, degrade, or trench the banks, the marsh fill will then settle in the impacted areas and not require further disturbance. Therefore, the Government requests that your company propose for each location the method of establishing dredge slurry flow.

2. Eastern Bank of Robinson Canal.

WM has indicated that they want to degrade the eastern bank of the Robinson Canal to allow access to the beach. EP-6.1 states that, “The Contractor shall not remove, cut, deface, injure, or destroy land resources, including sand dune… without written permission from the Government”. TP-40 requires that “accesses must be restored to the pre-construction condition upon project completion, at the cost of the Contractor”. In WMI’s Environmental Protection Plan submittal (approved 10/28/05) you indicated that “WM will identify all resources to be preserved in their present condition and/or will restore these resources to a condition that will provide a natural appearance after completion of the work”.

Therefore, the Government does not object to WM degrading the eastern bank of the Robinson Canal and pushing this material south once the canal bank is returned to its original condition. The bank should be rebuilt to its initial height and width prior to final acceptance of the project. WMI shall provide pre-construction and post-construction survey data in the areas to be degraded so that the Government can check that the area has been returned to its approximate pre-construction condition.

The Government would prefer that WMI evaluate whether sand from the beach (and within the beach fill footprint) can be used to construct the access. If it is determined that this is not feasible then the canal bank may be pushed into the canal.

Existing dense vegetative stands along the canal bank (access) should be preserved to their maximum extent possible. The Government understands that the vegetation cannot be returned to its original condition but will accept this loss once WMI minimizes the vegetation that is impacted.

[ ] Attachments:

1st Response from Gary Johnson, WMI:

1. All of the enclosed 10 locations may be needed to accomplish the request. If we see that we don't need all of them we will not dig them. This is my best estimate, conditions may dictate additional ditches or fewer ditches. Nine of the locations will be ditches cut thru the existing high spoil banks and will not be disturbed again except to unblock the ditch if it gets plugged up. One of the locations, #9, will be cut and pipe installed under the access route so that we can still use the access. The pipe will be removed at the end of the project and the ditch will be filled back in to its current condition. The locations will be degraded to approximately +2.0 to + 3.0 Elev. and to a width of approximately 20 to 25 feet wide.

2. We will not be degrading the eastern bank of Robinson Canal. We will use sand from the beach to complete the access. We do not plan on disturbing any existing vegetation along the canal banks except what may exist in the ditch locations and on top of the high spoil bank where the access will be located.

Signed by: Gary W. Johnson, Project Manager
[X] Attachments:

2nd Response from Gordon Thomson, CPE:

The proposed cut at Sta 56+82 is approved.

The proposed cuts at Sta 73+75, Rng -13+25 and Sta 75+00, Rng -8+90 are approved. Is it possible to eliminate one of these cuts in favor of a cut at Sta 69+00, Rng -6+00?

The proposed cut at Sta 90+87, Rng -8+35 is approved. Can this cut be eliminated in favor of the channels between Sta 90+47, Rng -5+50 and -7+50?

The proposed cuts at Sta 93+15, Rng -10+16 and Sta 99+38, Rng -5+29 are approved.

The proposed cut at Sta 113+90, Rng -0+38 is rejected. The Government is aware that there is a small section of marsh fill to be filled in this area. The Contractor will make a best effort to

construct the marsh fill in this area and will be paid for the marsh volume placed. The Contractor will not be penalized for not completely filling the marsh template between Sta 103+00 and Sta 121+16, south of Rng -2+70.

The proposed cut at Sta 123+32, Rng -3+38 is approved.

The proposed cut at Sta 124+25, Rng -1+74 is approved with the provision that the material excavated to create the cut be stockpiled south of the cut and outside of the beach/dune fill construction template. The material shall be replaced upon completion of the marsh fill.

The approved cuts shall be kept to a minimum width, length, and depth that will still allow dewatering of the marsh fill area. Cuts shall be no wider than 25 feet or deeper than 0 feet, NAVD. Material that is excavated to create the cut shall be stockpiled above the marsh construction template and replaced upon completion of the marsh fill. Equipment shall access the cuts using the existing bank that is to be cut/filled.

WMI constructed a sand bridge at Sta 78+30 to allow vehicular access from the northern side of the project area (Robinson Canal) to the beach. If a drainage pipe is required to cross the eastern bank of the Robinson Canal, the Government would prefer that the drainage pipe be placed in the vicinity of the sand bridge (Sta 78+30, Rng -3+20).

If a comparison of the pre-construction and post-construction surveys shows that fill excavated as part of the cut has been placed within the fill template, this volume shall be deducted from the pay due WMI.

The cut labeled as NE Canal (Cut 9) did not plot within the limits of the project. The coordinates for this point should be resubmitted.

1st Response From: Gordon Thomson, P.E. To: Jason Manthey, COTR. Date Rec'd: 6/6/06 Date Ret'd: 6/7/06

2nd Response From: Gordon Thomson To: Jason Manthey, COTR Date Rec'd: 6/26/06 Date Ret'd: 6/26/06

Signed by: Jason L. Manthey, COTR Date: 6/27/06

Copies: [X] COTR [X] A/E [ ] File

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project

To: Jason Manthey, COR

Re: Temporary Erosion Protection for the West End of Primary Dike @ B/L Sta 7+00

R.F.I. Number: 08

From: Gary Johnson

Date: 7 June 2006

Contract Number: WC133F-05-CN-1279

Location: Plaquemines Parish, LA

Specification Section: Tech. Prov. Paragraph: Drawing: Reference: N/A Detail N/A

Request:

We are requesting to protect the west end dike of the marsh fill area from erosion caused by waves from the surf. We plan to use a geotextile fabric called ProPex 2002 which ahs a tensile strength of 200 psi. The fabric will be temporary and will be in place for approximately 45 days and then removed in its entirety. Attached please find the manufacturers specifications and web site.

Signed by: Gary W. Johnson, Project Manager

[X] Attachments:

Response:

This request is denied. When the use of geotextile fabric to protect the west end dike was first discussed (5/3/06 bi-weekly meeting), the Government indicated that it would only consider geotextile fabric that was biodegradable. The manufacturer's specifications (Special Provision for Geotextile, 1 of 2, Material) states that, "This material shall be inert to biological degradation…"

Should Weeks Marine consider the use of geotextile fabric a preferred method for maintenance of the west dike, the Government will only consider a biodegradable geotextile fabric. The specifications of the geotextile should be submitted to the Government for review prior to its placement.

[ ] Attachments:

Response From: Gordon Thomson, P.E. To: Jason Manthey, COTR Date Rec'd: 6/08/06 Date Ret'd: 6/12/06

Signed by: Jason J. Manthey, COTR Date: 6/12/06

Copies: [X] COTR [X] A/E [X] File

JASON; THIS IS WHAT WE WANT TO USE AS A TEMPORARY EROSION CONTROL "PROPEX 2002"

Technical Data Sheet

PROPEX FABRICS

2002

Propex 2002 is a polypropylene woven fabric that meets AASHTO M-288 Class III Standards. This engineered geotextile is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. Polypropylene is stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today. We wish to advise that **Propex 2002** meets the following minimum average roll values:

Property	Test Method	Minimum Average Roll Value (English)	Minimum Average Roll Value (Metric)
Grab Tensile	ASTM-D-4632	200 lbs	0.890 kN
Grab Elongation	ASTM-D-4632	15 %	15 %
Mullen Burst	ASTM-D-3786	460 psi	3170 kPa
Puncture	ASTM-D-4833	95 lbs	0.422 kN
Trapezoidal Tear	ASTM-D-4533	75 lbs	0.330 kN
UV Resistance	ASTM-D-4355	70 % at 500 hr	70 % at 500 hr
AOS(1)	ASTM-D-4751	40 sieve	0.425 mm
Permittivity	ASTM-D-4491	0.05 sec^{-1}	0.05 sec^{-1}
Flow Rate	ASTM-D-4491	4 $gal/min/ft^2$	160 $L/min/m^2$

Propex Fabrics manufactures Propex 2002 in the USA. The values are a result of testing conducted in on-site laboratories at the time of production. A letter certifying the minimum average roll values will be issued from the manufacturing plant by the Quality Control Manager at the time of the shipment.

DATE ISSUED: 03/10/05

Propex Fabrics Inc.
260 The Bluffs
Austell, GA 30168
PH: 770-944-4569
PH: 800.445.7732
FX: 770.944.4584 (Quotes)
FX: 770.944.4678 (Technical)
www.geotextile.com

Exclusion of Liability
This publication should not be construed as engineering advice. While information contained in this publication is accurate to the best of our knowledge, Propex Fabrics Inc. does not warrant its accuracy or completeness. The only warranty made by Propex Fabrics for its products is set forth in our Certificate of Compliance that accompanies our shipment of the product, or such other written warranty as may be agreed by Propex Fabrics and individual customers. **Propex Fabrics specifically disclaims all other warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or arising from provision of samples, a course of dealing or usage of trade.**

PROPEX FABRICS

civil engineeri

our products

Propex Fabrics
Civil Engineering Fabrics
260 The Bluffs
Austell, Georgia 30168
PH:800-445-7732 (SPEC)
Fax:770-944-4584
email: geotextile
web: geotextiles homepage

Propex Fabrics has developed a wide variety of:

- **Woven geotextiles**
- **Nonwoven geotextiles**
- **Paving Products**
- **Silt Fences**
- **Landscape and Erosion Control**

Our prodcuts provide superior performance even under the most demanding construction cor
These fabrics are made of polypropylene with ultraviolet stabilizers to resist degradation caus
exposure to sunlight. Polypropylene is one of the most inert textile polymers available and hi
resistant to commonly encountered soil chemicals, mildew, and bacteria.

Propex WOVEN GEOTEXTILES

The material properties of our complete Woven Geotextiles Product Line are found below. Click on the links below to view or print the table.

- Woven Geotextiles Product Line - English Units .pdf
- Woven Geotextiles Product Line - Metric Units .pdf

Propex Woven Datasheets .pdf. Click on the number to view or print the style

1198		2006
1199		2016
2000		2019
→ 2002	ON SITE	2033
2004		2044

back to top

Propex NONWOVEN GEOTEXTILES

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project
To: Jason Manthey, COR
Re: Primary Dike/Maintenance Dredging for Hunt Oil

R.F.I. Number: 09
From: Tim Vestal
Date: 21 June 2006
Contract Number: WC133F-05-CN-1279
Location: Plaquemines Parish, LA

Specification Section: Tech. Prov. Paragraph: Drawing: Reference: N/A Detail N/A

Request:

Hunt Oil has a maintenance permit to dredge a slip located on the east end of the project between CM48 and CG25A. The permit for this dredging is attached. The dike has been relocated to the northeast in this area. The primary dike is now in the disposal area for the maintenance dredging for Hunt Oil. Because the dike has been relocated, it is possible that a portion of the disposal from Hunt Oil's dredging may reach into the marsh platform.

Signed by: Tim Vestal
[X] Attachments:

Response:

The request cannot be evaluated at this time, as the permit sketches provided are illegible and cannot be overlayed on the Chaland Construction Plans.

Please provide a scaled drawing overlaying the proposed disposal area on a plan view sheet (in NAD '83) showing the location of the primary dike for the project and the disposal area for the Hunt maintenance dredging. Also, please provide a scaled drawing (in feet, NAVD '88) showing the marsh fill template and the Hunt Petroleum disposal dike.

[ ] Attachments:

Response From: Gordon Thomson, P.E. To: Jason Manthey, COTR. Date Rec'd:6/21/06 Date Ret'd: 6/23/06

Signed by: Jason L. Manthey, COTR Date: 6/26/06

Copies: [X] COTR [X] A/E [ ] File

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project
To: Jason Manthey, COR
Re: Disposal of Debris on Island

R.F.I. Number: 10
From: Gary Johnson
Date: 21 June 2006
Contract Number: WC133F-05-CN-1279
Location: Plaquemines Parish, LA

Specification Section: Env. Prov. 6 Paragraph: 6.4 Drawing: Reference: N/A Detail N/A

Request:

We are requesting to dispose of some of the debris on the island by burning it. We have acquired a burning permit from the Louisiana DEQ. We will be burning only the large trees, driftwood, snags, etc. that are not hazardous to burn. We will not be burning anything that is treated or creosoted. All other trash and debris will be collected and transferred offsite via large dumpsters and barge.

Signed by: Gary W. Johnson, Project Manager
[X] Attachments:

Response:

This request is approved with the following notes. The conditions specified in the Louisiana Department of Environmental Quality (DEQ) permit shall be followed. In addition to the DEQ permit requirements, only vegetative and non-treated wood materials may be burned.

Chaland Headland Site #2, N29.3131° W89.7492°, is on the north side of the Oil Infrastructure Access Canal and appears to be an inappropriate location for burning. Prior to the initiation of burn activities at this site, please confirm the site location and resubmit.

Burn activities at Chaland Headland Site #1, N29.3123° W89.7758°, and at Chaland Headland Site #3, N29.3092° W89.7492°, are approved.

[ ] Attachments:

Response From: Gordon Thomson, P.E. To: Jason Manthey, COTR Date Rec'd: 6/22/06 Date Ret'd: 6/22/06

Signed by: Jason L. Manthey, COTR Date: 6/26/06

Copies: [X] COTR [X] A/E [ ] File

REQUEST FOR INTERPRETATION

Chaland Island Restoration (BA38-2)
Project: CWPPRA Project
To: Jason Manthey, COR

Re: Problem with Pass La Mer and Problem Completing West End of Project as Designed.

R.F.I. Number: 11
From: Gary Johnson
Date: 8-9-2006
Contract Number: WC133F-05-CN-1279
Location: Plaquemines Parish, LA

Specification Section: Tech. Prov. 8.6 & 20.5 Paragraph: Drawing: Reference: N/A Detail N/A

Request:

It is requested that the Government address the issue associated with the completion of beach/dune template at the westernmost limit of the project (Station 16+00 to 5+00). Due to the character of material in the borrow area and the prohibition of construction of containment cells, achieving required grade elevation in this area is not possible. Although WMI has made every effort to complete this section in accordance with the specification, a significant amount of fill material was unavoidably placed outside the limits of the beach/dune template. Under the existing circumstances, further pumping in this area will only exacerbate the placement of material outside the template.

Given the character of the fill material and the mandatory method of placement, WMI strongly recommends that the fill template be redesigned to accommodate the as-built condition. Along these lines, WMI proposes that the area in question be dressed as-is and accepted by the government. WMI looks forward to your resolution of this issue, particularly in light of the fact that a similar situation will most likely be encountered on the eastern end of the project.

Signed by: Gary W. Johnson, Project Manager

Response:

There is no evidence that there is a differing site condition that has resulted in WMI being incapable of filling the template. However, the Government will waive the requirement that each pay profile be filled to at least 95% of the template volume and the minimum tolerance (TP 8.6 and 20.5), in order to avoid additional fill being placed in Pass La Mer. The Government will only pay WMI for beach fill placed within the construction template.

As the east end taper does not extend into Pass Chaland as far as the west end taper extended into Pass La Mer, the Government still requires that the east end be filled as shown in the plans.

[ ] Attachments:

Response From: Gordon Thomson, P.E. To: Jason Manthey, COTR Date Rec'd: 8/09/06

Date Returned: 8/10/06

Signed by: Jason L. Manthey, COTR Date: 8/14/06

Copies: [ ] COTR [ ] A/E [ ] File

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project
To: Jason Manthey, COR
Re: Dewatering marsh where water is trapped.

R.F.I. Number: **12 (REVISED)**
From: Paul Stewart
Date: 10-20-2006
Contract Number: WC133F-05-CN-1279
Location: Plaquemines Parish, LA

Specification Section: Envir. Prov. Paragraph: 6.10.1 Drawing: Reference: N/A Detail N/A

Request:
We are requesting to install discharge pipes at several locations to assist in dewatering the finished marsh fill. Pipes will only be placed in completed areas. This will help get rid of standing rainwater and speed the process of consolidation. All pipe will be removed and dikes dressed when area is accepted. All work will be done in accordance to EP 6.10.1

Signed by: Paul Stewart, Project Superintendent

ATTACHED PLEASE FIND DRAWING SHOWING THREE (3) PROPOSED DRAIN PIPE LOCATIONS. APPROXIMATE STA.S 43+72, 89+00, AND 137+00 (IF NEEDED).

Response: The requested locations are approved for the placement of drainage pipes. The Contractor shall follow the approved turbidity control plan. This plan required stated that a turbidity curtain would be placed around the discharge pipe.

The discharge pipe shall be installed only after the marsh fill has been placed and no further discharge of marsh fill will occur in the vicinity of the discharge pipe area.

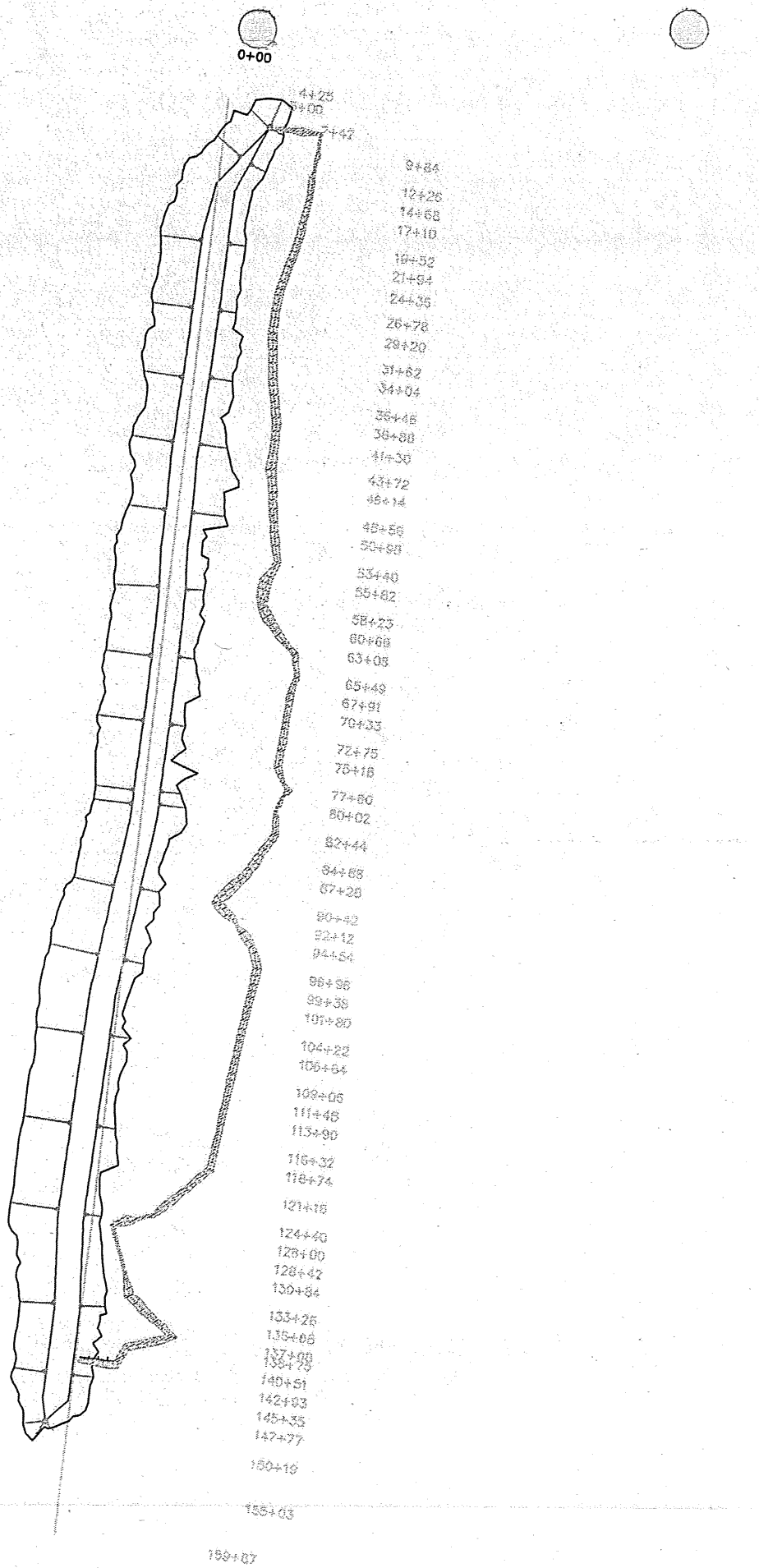
[ ] Attachments:

Response From: Gordon Thomson To: Rachel Sweeney Date Rec'd: 10/30/06 Date

:

Signed by: Rachel M Sweeney Date: 10/30/06

Copies: [X] COTR [X] A/E [X] File


0+00
4+25
6+00
7+47
9+84
12+26
14+68
17+10
19+52
21+94
24+36
26+78
29+20
31+62
34+04
36+46
38+88
41+30
43+72
46+14
48+56
50+98
53+40
55+82
58+23
60+65
63+06
65+49
67+91
70+33
72+75
75+16
77+60
80+02
82+44
84+86
87+28
90+42
92+12
94+54
96+96
99+38
101+80
104+22
106+64
109+06
111+48
113+90
116+32
118+74
121+16
124+40
126+00
128+42
130+84
133+25
135+66
137+08
139+79
140+51
142+93
145+35
147+77
150+19
155+03
159+87

APPENDIX H

WEEKS MARINE INC.

DAILY QUALITY CONTROL REPORTS

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	1
Date	10/24/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	75	Temp (HI)	80
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	1	3	4:00	16:00
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. consited of a party chief and 2 survey techs. The survey party traveled from Lafayette,LA to Grand Isle,LA to perform surveys for the Chaland Project. However, due to high winds and rough seas the survey party was unable to reach the job site.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: Crew was reminded to were proper PPE.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	2
Date	10/25/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	75	Temp (HI)	80
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	1	3	6:30 to 18:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. was able to reach the job site on this day. The survey party spent the day searching for Ronquille monument. The monument was located, but appeared to be disturbed. The party returned to the landing to await instructions.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: Crew was reminded to were proper PPE.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	3
Date	10/26/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)		Temp (HI)	
Weather:			
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00

Worked Performed On This Day.
No Data

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: Crew was reminded to were proper PPE.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	4
Date	10/27/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	75	Temp (HI)	80
Weather:			
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	0	2	4:00 to 18:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:30

Worked Performed On This Day.
The survey party for C&C Technology Inc. searched for monuments 8760849 A Tidal, Reggio 2, Lafettie 2, and 8762084 C Tidal on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	5
Date	10/28/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)		Temp (HI)	
Weather:			
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	6
Date	10/29/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)		Temp (HI)	
Weather:			
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	7
Date	10/30/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)		Temp (HI)	
Weather:			
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:30

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	8
Date	10/31/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)		Temp (HI)	
Weather:			
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	9
Date	11/1/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)		Temp (HI)	
Weather:			
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	10
Date	11/2/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)		Temp (HI)	
Weather:			
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Tecnology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	11
Date	11/3/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	75	Temp (HI)	85
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	2	1	4	4:00 to 19:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:30

Worked Performed On This Day.
The survey party for C&C Technology Inc. traveled to Venice,LA and Lafitte,LA to perform static survey.
The survey party also traveled to the job site to reset Ronquille monument.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	12
Date	11/4/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	75	Temp (HI)	80
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
2	2	2	6	4:00 to 18:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:30

Worked Performed On This Day.
C&C Technology Inc. had 2 survey parties on this day. One survey party traveled to Venice, LA to perform second static survey. The other party performed a static survey on the jobsite.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	13
Date	11/5/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)		Temp (HI)	
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0	4:00 to 18:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	14
Date	11/6/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)		Temp (HI)	
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0	4:00 to 18:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	15
Date	11/7/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Foggy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	1	3	4:00 to 16:00	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. traveled from Lafayette, LA to Grand Isle,LA on this day. The survey party was delayed due to the fog. After leaving the landing for the jobsite the survey party experienced boat troubles. The party was instructed to return to the landing to have the boat repaired. No surveys were taken on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	16
Date	11/8/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc.

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	1	3	5:30 to 17:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. traveled to the job site to perform a Mag. Survey. The Mag survey was ran with a MAG Program and a C-NAV 2050 DGPS.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	17
Date	11/9/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	2	1	4	6:00 to 18:00	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00
	Air Boat	Mag Survey	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. continued to perform a Mag. Survey. The Mag survey was ran with a MAG Program and a C-NAV 2050 DGPS. The surveys were taken along the profile lines.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	18
Date	11/10/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	2	1	4	6:00 to 18:00	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00
	Air Boat	Mag Survey	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. continued to perform a Mag. Survey. The Mag survey was ran with a MAG Program and a C-NAV 2050 DGPS. The surveys were taken along the profile lines. The survey party for C&C Technology Inc.experienced 1 hour of problems with the GPS in the morning and afternoon.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	19
Date	11/11/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	1	3	5:30 to 17:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00
	Air Boat	Mag Survey	

Worked Performed On This Day.
The survey party for C&C Technology Inc. took cross sections of the Robinson Canal for dredge access.
The survey party for C&C Technology Inc. experienced 2 hours of GPS problems.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	20
Date	11/12/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	2	1	4	5:30 to 17:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00
	Air Boat	Mag Survey	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. continued to perform a Mag. Survey. The Mag survey was ran with a MAG Program and a C-NAV 2050 DGPS. The surveys were taken along the profile lines. The survey party for C&C Technology Inc. also performed a Mag. Survey along the mouth of Robinson Canal for dredge access.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	21
Date	11/13/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	2	1	4	5:30 to 17:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00
	Air Boat	Mag Survey	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. continued to perform a Mag. Survey. The Mag survey was ran with a MAG Program and a C-NAV 2050 DGPS. The surveys were taken along the profile lines on the beach area.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	22
Date	11/14/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	2	1	4	5:30 to 17:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00
	Air Boat	Mag Survey	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. continued to perform a Mag. Survey. The Mag survey was ran with a MAG Program and a C-NAV 2050 DGPS. The surveys were taken along the profile lines on the beach area. Also tied in Mag. Contacts with GPS system.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	23
Date	11/15/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	1	3	6:30 to 11:30	
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. drove from Grand Isle,LA to Lafayette, LA on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	24
Date	11/16/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	25
Date	11/17/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	26
Date	11/18/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	27
Date	11/19/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	28
Date	11/20/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	29
Date	11/21/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	30
Date	11/22/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	31
Date	11/23/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	32
Date	11/24/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	33
Date	11/25/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	34
Date	11/26/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	35
Date	11/27/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	36
Date	11/28/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	37
Date	11/29/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0	0		

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Mag Survey	0:00

Worked Performed On This Day.
No work performed on this day

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	38
Date	11/30/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	1	3	4:00 to 16:00	
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	12:00
	Air Boat	Layout	0:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. drove from Lafayette, LA to Grand Isle, LA on this day.
Arrived at the boat landing to find that the bay was to rough for the air boat. The survey skiff was used to get the job site. Due to the low water level the party was unable to get the Monument Ronuille.
The survey party for C&C Technology Inc. also drove around the job area to set benchmarks.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	39
Date	12/1/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	2	1	4	5:30 to 17:30	
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Layout	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. performed layout for the oil infastructure canal, and placed 33 points along the landward limits of the fill area. (back toe of dike)

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	40
Date	12/2/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Clear	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	2	1	4	5:30 to 17:30	
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Layout	12:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. performed layout for the temporary flotation canal and placed 7 points along the landward limits of the fill area. (back toe of dike)
The survey party for C&C Technology Inc. had 2 hours down time due to the GPS system.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	41
Date	12/3/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	2	1	4	5:30 to 15:30	
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Layout	10:00

Worked Performed On This Day.
The survey party for C&C Technology Inc. was unable to get the job site on this day due to high winds and rough seas.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: The crew was reminded to wear life vest at all times while in the survey skiff.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	42
Date	12/4/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Layout	0:00

Worked Performed On This Day.
No work performed onthis day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	43
Date	12/5/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	45	Temp (HI)	60
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Layout	0:00

Worked Performed On This Day.
No work performed onthis day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	44
Date	12/6/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	40	Temp (HI)	60
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Layout	0:00

Worked Performed On This Day.
No work performed onthis day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	44
Date	12/7/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	65	Temp (HI)	70
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Layout	0:00

Worked Performed On This Day.
No work performed onthis day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	46
Date	12/8/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	40	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Layout	0:00

Worked Performed On This Day.
No work performed onthis day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	47
Date	12/9/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	40	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM		Tide PM	

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor C&C Technology Inc., Trappers Inc Air Boats

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
	20' Survey Skiff	Layout	0:00
	Air Boat	Layout	0:00

Worked Performed On This Day.
No work performed onthis day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety:

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	48
Date	12/10/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	40	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	0.5	Tide PM	0.7

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees

	Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
Weeks Marine Inc	1	1	1	3		
		0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	12:00

Worked Performed On This Day.

A Weeks Marine survey party performed cross sections of Robinson Canal on this day. The cross sections were taken on 200' intervals. The cross sections extended approximately 200' each side of the center of Robinson Canal. The cross section taken on this day started at the mouth of Robinson Canal and continued 2400' down the canal.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: All employees were reminded to wear personal floatation devices while boating.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	49
Date	12/11/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	40	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.1	Tide PM	0.7

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	1	3		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	12:00

Worked Performed On This Day.
A Weeks Marine survey party performed cross sections of Robinson Canal on this day. The cross sections were taken on 200' intervals. The cross sections extended approximately 200' each side of the center of Robinson Canal. The cross section taken on this day continued from the previous day and extended another 2800' down the canal. A total of 5200' of the Robinson Canal has been surveyed. The survey party also took surveys 2700' north of the opening of Robinson Canal on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: All employees were reminded to wear personal floatation devices while boating.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	50
Date	12/12/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	40	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.1	Tide PM	0.7

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work was performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: All employees were reminded to wear personal floatation devices while boating.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	51
Date	12/13/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	40	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.1	Tide PM	0.7

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work was performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: All employees were reminded to wear personal floatation devices while boating.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	52
Date	12/14/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	40	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.1	Tide PM	0.7

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work was performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: All employees were reminded to wear personal floatation devices while boating.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	53
Date	12/15/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees

	Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
Weeks Marine Inc	1	1	1	3		
		0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	8:00

Worked Performed On This Day.
A Weeks Marine survey party took surveys on this day to investigate access to Robinson Canal.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: All employees were reminded to wear personal floatation devices while boating.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	54
Date	12/16/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	55
Date	12/17/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
1	1	1	3		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	8:00

Worked Performed On This Day.
A Weeks Marine survey party took surveys on this day to investigate access to Robinson Canal.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: All employees were reminded to wear personal floatation devices while boating.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	56
Date	12/18/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	57
Date	12/19/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	58
Date	12/20/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	59
Date	12/21/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	60
Date	12/22/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	61
Date	12/23/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	62
Date	12/24/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	63
Date	12/25/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	64
Date	12/26/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/26/2005 Report # 64

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 37 Max. 65

WIND SPEED: 5.00 to 10.00 MPH Direction Northwest

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	NW

RAIN: 0.00

TIDE: -0.20 AM
1.00 PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

From 04:00 to 17:30 a 3 man crew from C&C Tech. drove from Lafayette, LA to Grand Isle, LA and towed a personal carrier(Marsh buggy) out to the job site from the landing at Grand Isle. This personal carrier is to be used to perform surveys.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

No surveys were taken on this day.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech.'s survey boat "TANGO" was used to tow the personal carrier out to the job site.
A Personal Carrier for C&C Tech. arrived on this day to be used for survey work.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

Weeks Marine Inc.
Daily Safety and Quality Control Report
Chaland Headland Restoration (BA-38-2)

Report No.	65
Date	12/27/05

Weeks Marine Inc.
P.O. Box 4339
Houma, LA 70364

Temp (LO)	50	Temp (HI)	55
Weather:		Windy	
Percipitation:		0.00	
Tide AM	-0.4	Tide PM	0.1

Contractors :

1. Prime Weeks Marine Inc.

2. Sub Contractor

No. of Employees
Weeks Marine Inc

Foreman	Skilled	Laborer	Total	Shift 1	Shift 2
0	0	0	0		
	0	0			

Equipment Number	Equipment Type	Equipment Use	Hours
BT-511	20' Survey Skiff	Survey	0:00

Worked Performed On This Day.
No work performed on this day.

Item	Bid Quantity	Previous Quantity	Today's Quantity	Quantity to Date
				0
				0

Results of QA Inspections

Verbal Instructions Given to Contractor None.

Visitors: None.

Safety: None.

Environmental: No violations were noted.

Comments:

Contract Representative:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/27/2005 Report # 65

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 42 Max. 75

WIND SPEED: 5.00 to 10.00 MPH Direction Northwest

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	NW

RAIN: 0.00

TIDE: -0.40 AM
1.20 PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

From 05:30 to 18:00 a 3 man crew from C&C Tech. traveled to the job site from the landing in Grande Isle and ran surveys along profile lines CG 11 and CG 12. The crew expierenced a total of 5 hours down time dew to the marsh buggy getting stuck.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. took surveys along Profile Lines CG 11 and CG 12

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has the survey boat "TANGO"on the jobsite.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

The dredge has not arrived on the jobsite.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/28/2005 Report # 66

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 48 Max. 72

WIND SPEED: 10 to 15 MPH Direction Southwest

WAVE HEIGHT AT:

Borrow Site	2 to 4 Feet
Fill Area	2 to 4 Feet
Wave Direction	SW

RAIN: 0.00

TIDE: -0.60 AM, 1.40 PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Due to rough conditions C&C Tech was unable to get to the job site on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

No surveys were taken on this day.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has a personal carrier on the job site.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/29/2005 Report # 67

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 47 Max. 71

WIND SPEED: 5.75 to 11.50 MPH Direction Northwest

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	NW

TIDE:

-0.80	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The survey crew from C&C Tech arrived at the landing, but was unable to get to the jobsite due to weather conditions.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

None.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

The personal carrier for C&C Tech. was on site, but was not used due to weather conditions.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/30/2005 Report # 68

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: (Clear) ***(P. Cloudy)*** (Cloudy) TEMPERATURE: Min. 58 Max. 72

WIND SPEED: 5.50 to 14.00 MPH Direction Southwest

WAVE HEIGHT AT:

Borrow Site	2 to 4 Feet
Fill Area	2 to 4 Feet
Wave Direction	SSW

TIDE:

-0.90	AM
1.60	PM

LOCATION OF DISCHARGE: N A feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The survey crew from C&C Tech arrived at the landing, but was unable to get to the jobsite due to weather conditions.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

None.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

The personal carrier for C&C Tech. was on site, but was not used due to weather conditions.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/31/2005 Report # 69

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 58 Max. 70

WIND SPEED: 5.50 to 17.25 MPH Direction Southwest

WAVE HEIGHT AT:

Borrow Site	2 to 4 Feet
Fill Area	2 to 4 Feet
Wave Direction	SSW

TIDE:

-0.90	AM
1.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The survey crew from C&C Tech arrived at the landing, but was unable to get to the jobsite due to weather conditions.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

None.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

The personal carrier for C&C Tech. was on site, but was not used due to weather conditions.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/1/2006 Report # 70

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: (Clear) (P. Cloudy) ***(Cloudy)*** TEMPERATURE: Min. 64 Max. 74

WIND SPEED: 5.50 to 23.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	3 to 5 Feet
Fill Area	3 to 5 Feet
Wave Direction	South

TIDE:

-0.90	AM
1.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The survey crew from C&C Tech arrived at the landing, but was unable to get to the jobsite due to weather conditions.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

None.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

The personal carrier for C&C Tech. was on site, but was not used due to weather conditions.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/2/2006 Report # 71

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: (Clear) (P. Cloudy) ***(Cloudy)*** TEMPERATURE: Min. 57 Max. 75

WIND SPEED: 5.50 to 23.00 MPH Direction North

WAVE HEIGHT AT:

Borrow Site	4 to 6 Feet
Fill Area	4 to 6 Feet
Wave Direction	North

TIDE:

-0.80	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The survey crew from C&C Tech arrived at the landing, but was unable to get to the jobsite due to weather conditions.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

None.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

The personal carrier for C&C Tech. was on site, but was not used due to weather conditions.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

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CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/3/2006 Report # 72

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 53 Max. 69

WIND SPEED: 5.75 to 11.15 MPH Direction North Northeast

WAVE HEIGHT AT:

Borrow Site	1 to 2 Feet
Fill Area	1 to 2 Feet
Wave Direction	South Southeast

TIDE:

-0.50	AM
1.30	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

From 04:30 to 17:30 a 3 man crew from C&C Tech. traveled to the job site from the landing in Grande Isle and ran surveys along profile lines CG 10 and part of CG 9.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. took surveys along Profile Lines CG 10 and part of CG 9.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has the survey boat "TANGO"on the jobsite.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/4/2006 Report # 73

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: (Clear) ***(P. Cloudy)*** (Cloudy) TEMPERATURE: Min. 55 Max. 71

WIND SPEED: 5.00 to 12.00 MPH Direction West

WAVE HEIGHT AT:

Borrow Site	1 to 2 Feet
Fill Area	1 to 2 Feet
Wave Direction	Southeast

TIDE:

-0.20	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

From 06:00 to 18:00 a 3 man crew from C&C Tech. traveled to the job site from the landing in Grande Isle. The survey crew was able to finish line CG 9 and started on CG 8. CG 8 was not completed on this day. The survey crew experienced delays due to the marsh buggy getting stuck.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. took surveys along the rest of Profile Line CG 9 and part of CG 8.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has the survey boat "TANGO"on the jobsite.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/5/2006 Report # 74

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: (Clear) ***(P. Cloudy)*** (Cloudy) TEMPERATURE: Min. 43 Max. 65

WIND SPEED: 5.75 to 12.00 MPH Direction North Northeast

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	South Southeast

TIDE:

0.00	AM
0.70	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

From 06:00 to 16:00 a 3 man crew from C&C Tech. traveled to the job site from the landing in Grande Isle The crew from C&C Tech. spent the day unsticking the marsh buggy.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. was unable to take surveys on this day.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has the survey boat "TANGO"on the jobsite.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to help free the marsh buggy.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/6/2006 Report # 75

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 35 Max. 54

WIND SPEED: 5.75 to 11.00 MPH Direction North

WAVE HEIGHT AT:

Borrow Site	3 to 4 Feet
Fill Area	3 to 4 Feet
Wave Direction	North

TIDE:

0.10	AM
0.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The survey crew from C&C Tech arrived at the landing, but was unable to get to the jobsite due to weather conditions.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. was unable to take surveys on this day.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/7/2006 Report # 76

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 45 Max. 55

WIND SPEED: 5.75 to 11.00 MPH Direction Northeast

WAVE HEIGHT AT:

Borrow Site	3 to 4 Feet
Fill Area	3 to 4 Feet
Wave Direction	Northeast

TIDE:

-0.10	AM
0.90	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The survey crew from C&C Tech arrived at the landing, but was unable to get to the jobsite due to weather conditions.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. was unable to take surveys on this day.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/8/2006 Report # 77

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 55 Max. 70

WIND SPEED: 5.75 to 11.50 MPH Direction North

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	North

TIDE:

-0.40	AM
1.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The survey crew from C&C Tech arrived at the landing, but was unable to get to the jobsite due to weather conditions.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. was unable to take surveys on this day.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/9/2006 Report # 78

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 54 Max. 73

WIND SPEED: 5.75 to 11.00 MPH Direction Southeast

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	Southeast

TIDE:

-0.60	AM
1.30	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

From 04:00 to 17:00 a 3 man crew from C&C Tech. traveled to the job site from the landing in Grande Isle The survey crew from C&C Tech. took surveys to fill in gaps along profile lines CG11, CG10, CG8. Profile line GC 17 was also ran on this day. Additional surveys were taken along marsh profile lines from point 120to119, 107to108, 105to106, 103to104, 102to101.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. ran surveys along CG11, CG10, CG8, CG17, and marsh profile lines from point 120to119, 107to108, 105to106, 103to104, 102to101.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has the survey boat "TANGO"on the jobsite.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to help free the marsh buggy.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/10/2006 Report # 79

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 53 Max. 67

WIND SPEED: 11.00 to 16.50 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	3 to 5 Feet
Fill Area	3 to 5 Feet
Wave Direction	South

TIDE:

-0.70	AM
1.40	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

From 06:00 to 16:00 a 3 man crew from C&C Tech. traveled to the job site from the landing in Grande Isle The survey crew from C&C Tech. took surveys along profile lines CG18, CG18A, CG19, CM38, CG20, CM40 and CG20. The survey crew experienced 2 hours of down time due to rain.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. ran surveys along CG18, CG18A, CG19, CM38, CG20, CM40, CG21.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has the survey boat "TANGO"on the jobsite.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to help free the marsh buggy.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

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CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/11/2006 Report # 80

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: (Clear) ***(P. Cloudy)*** (Cloudy) TEMPERATURE: Min. 51 Max. 68

WIND SPEED: 11.00 to 16.50 MPH Direction North

WAVE HEIGHT AT:

Borrow Site	3 to 5 Feet
Fill Area	3 to 5 Feet
Wave Direction	South

TIDE:

-0.80	AM
1.40	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

From 06:00 to 18:00 a 3 man crew from C&C Tech. traveled to the job site from the landing in Grande Isle The survey crew from C&C Tech. took surveys along profile lines CG7, CG6, CG5, CG4, CG3, CG2 and CG1. The survey crew took additional surveys of marsh profile lines from points 98to97, 96to95, 94to93, 92to91, 90to89, and 88to87.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. ran surveys along CG7, CG6, CG5, CG4, CG3, CG2, CG1
C&C Tech. took additional surveys between points 98to97, 96to95, 94to93, 92to91, 90to89, and 88to87.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has the survey boat "TANGO"on the jobsite.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

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CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/12/2006 Report # 81

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 47 Max. 67

WIND SPEED: 11.00 to 16.50 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	3 to 5 Feet
Fill Area	3 to 5 Feet
Wave Direction	South

TIDE:

-0.80	AM
1.40	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew for C&C Tech arrived at the boat landing ,but was unable to get to the jobsite due to heavy fog.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

No Surveys were taken on this day due to heavy fog.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. has a Personal Carrier on the job site, but it was not used on this day.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/13/2006 Report # 82

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: (Clear) (P. Cloudy) ***(Cloudy)*** TEMPERATURE: Min. 43 Max. 61

WIND SPEED: 11.00 to 16.50 MPH Direction Southwest

WAVE HEIGHT AT:		TIDE:	
Borrow Site	5 to 7 Feet	-0.70	AM
Fill Area	5 to 7 Feet	1.30	PM
Wave Direction	Southwest		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew for C&C Tech arrived at the boat landing and traveled to the jobsite. The survey crew was setting up to take surveys but because of weather conditions was able to run one profile line and had to return to the landing.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has the survey boat "TANGO"on the jobsite.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/14/2006 Report # 83

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 43 Max. 61

WIND SPEED: 11.00 to 17.75 MPH Direction North

WAVE HEIGHT AT:

Borrow Site	5 to 6 Feet
Fill Area	5 to 6 Feet
Wave Direction	North

TIDE:

-0.70	AM
1.20	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew for C&C Tech arrived at the boat landing ,but was unable to get to the jobsite due to rough seas.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

No Surveys were taken on this day due to rough seas.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. has a Personal Carrier on the job site, but it was not used on this day.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/15/2006 Report # 84

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***(Clear)*** (P. Cloudy) (Cloudy) TEMPERATURE: Min. 55 Max. 70

WIND SPEED: 5.75 to 11.50 MPH Direction Southeast

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	Southeast

TIDE:

-0.60	AM
1.40	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

From 06:00 to 18:00 a 3 man crew from C&C Tech. traveled to the job site from the landing in Grande Isle
The survey crew from C&C Tech. took surveys along profile lines CG13, CG14, CG15, CG16.
The survey crew took additional surveys of marsh profile lines from points 109to110, 111to112, 113to114, and 115to 116.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

C&C Tech. ran surveys along CG16, CG15, CG14, CG13.
C&C Tech. took additional surveys between points 109to110, 111to112, 113to114, and 115to116

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech has the survey boat "TANGO"on the jobsite.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

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CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/16/2006 Report # 85

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***P. Cloudy*** 53 Max. 63

WIND SPEED: 2.00 to 13.00 MPH Direction Southeast

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	1-2 ft
Wave Direction	SSE

TIDE:

-0.40	AM
0.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work was performed today.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

No Work was performed today

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/17/2006 Report # 86

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Rainy*** 41 Max. 54

WIND SPEED: 15.00 to 34.00 MPH Direction Southeast

WAVE HEIGHT AT:

Borrow Site	3-6 ft
Fill Area	2-3 ft
Wave Direction	South

TIDE:

-0.30	AM
0.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work was performed today.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

No Work was performed today

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/18/2006 Report # 87

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 32 Max. 60

WIND SPEED: 1.00 to 18.00 MPH Direction Southeast

WAVE HEIGHT AT:

Borrow Site	3-6 ft
Fill Area	2-3 ft
Wave Direction	SSE

TIDE:

-0.20	AM
0.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work was performed today.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

No Work was performed today

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

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CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/19/2006 Report # 88

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 41 Max. 68

WIND SPEED: 4.00 to 25.00 MPH Direction Southeast

WAVE HEIGHT AT: TIDE:

Borrow Site	3-6 ft	0.00	AM
Fill Area	2-3 ft	0.20	PM
Wave Direction	ESE		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work was performed today.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

No Work was performed today

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/20/2006 Report # 89

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast*** 60 Max. 69

WIND SPEED: 7.00 to 20.00 MPH Direction East

WAVE HEIGHT AT:		TIDE:	
Borrow Site	2-4 ft	0.10	AM
Fill Area	2-3 ft	0.40	PM
Wave Direction	ESE		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Drove from lafayette to boat launch in Grand Isle. Launced Boats and Drove out to job site. Marsh profile lines CG 22 CM 42 and CM 44 were completed. Beach and dune cross section 100 to 99 were also ran. Started raining around 12:30. Stayed in field until around 15:00. Weather did not break, so crew demobilized back to Grand

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Survey Lines Ran: CG 22, CM 42 CM 44 : Beach and Dune Lines 100 and 99.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. Survey boat Tango was on site.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/21/2006 Report # 90

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast*** 64 Max. 77

WIND SPEED: 0.00 to 12.00 MPH Direction East

WAVE HEIGHT AT: TIDE:

Borrow Site	1-2 ft	0.20	AM
Fill Area	0-1 ft	0.50	PM
Wave Direction	ENE		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Fog and rain early in the mornig. Late start for survey team.
Survey crew was able to run five profile lines

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Survey Crew ran CG 23 CM 46 CG 24 CM48 and CG 25.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. Survey boat Tango was on site.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/22/2006 Report # 91

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast*** 64 Max. 73

WIND SPEED: 5.00 to 25.00 MPH Direction East

WAVE HEIGHT AT:

Borrow Site	1-2 ft
Fill Area	1.5 ft
Wave Direction	East

TIDE:

-0.10	AM
0.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew was able to run 11 Profile Lines.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Survey Crew ran profile Lines CG25A CG26 122-121 CG27 124-123 CG28 CG28A CG28B CG29

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. Survey boat Tango was on site.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/23/2006 Report # 92

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mstl Cldy*** 60 Max. 77

WIND SPEED: 2.00 to 12.00 MPH Direction South

WAVE HEIGHT AT: TIDE:

Borrow Site	1-2 ft	-0.30	AM
Fill Area	1 ft	0.70	PM
Wave Direction	South		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew was able to run 6 Profile Lines.
Survey Crew spent 3.5 hours digging out the personnel carrier from being stuck.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Survey Crew ran profile Lines 126-125 CG30 CG31 CG32 CG33

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. Survey boat Tango was on site.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/24/2006 Report # 93

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast - Clear*** 42 Max. 60

WIND SPEED: 6.00 to 16.00 MPH Direction SE

WAVE HEIGHT AT:

Borrow Site	2 - 3 ft
Fill Area	1 ft
Wave Direction	S -SE

TIDE:

-0.20	AM
-0.40	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew partially completed (onshore portion) 8 Beach and Dune profile lines at the eastern end of the project.
Survey crew encountered some problems with GPS signal

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Survey Crew ran profile Lines 401 to 389 (offshore end number)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

Received correspondence from NOAA that additional shotpoints are required at all locations where there is a difference of 1-foot between shots taken.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

Survey subcontractor, C & C Technologies, does not agree with the NOAA interpretation of the additional shotpoint specifications.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. Survey boat Tango was on site.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/25/2006 Report # 94

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast - Clear*** 42 Max. 60

WIND SPEED: 14 to 20 MPH Direction SE

WAVE HEIGHT AT:

Borrow Site	3 -5
Fill Area	3 -5
Wave Direction	SE

TIDE:

-0.70	AM
0.90	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew attempted to get to the job in the morning but winds were too rough. Made another attempt at 12 noon, but winds were hign making the surf too rough to work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

weather delay

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

Telephone conference with CEC and NOAA concerning the additional shotpoint issue and it was resolved that the client would provide specific locations where additional shotpoints were needed

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. Survey boat Tango was on site.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/26/2006 Report # 95

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast - Clear*** 51 Max. 65

WIND SPEED: 11 to 15 MPH Direction SE

WAVE HEIGHT AT:

Borrow Site	2 -4
Fill Area	2 -4
Wave Direction	SE

TIDE:

-0.80	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Ran Beach and Dune lines from 388 to 349 (numbers at lower end of line), a total of 20 lines from the toe of the dune into the surf that could be walked. Lines need additional hydro suvey.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. Survey boat Tango was on site.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/27/2006 Report # 96

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast - Clear*** 51 Max. 65

WIND SPEED: 11 to 15 MPH Direction SE

WAVE HEIGHT AT:

Borrow Site	2 -4
Fill Area	2 -4
Wave Direction	SE

TIDE:

-0.90	AM
1.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work performed today. Adverse weather at job site

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Down for weather, no work performed

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

C&C Tech. Survey boat Tango was on site.
C&C Tech. has a Personal Carrier on the job site that is being used to perfom surveys.
C&C Tech also had a Air Boat on the job site to aid with surveys.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/28/2006 Report # 97

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***CLEAR*** 62 Max. 73

WIND SPEED: 20 to 28 MPH Direction SSE - SSW

WAVE HEIGHT AT:

Borrow Site	5-7
Fill Area	5-7
Wave Direction	SSE -SSW

TIDE:

-0.90	AM
1.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster personnel carrier on job site

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/29/2006 Report # 98

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***CLEAR*** 62 Max. 71

WIND SPEED: 13 to 28 MPH Direction SW

WAVE HEIGHT AT:

Borrow Site	4-7
Fill Area	4-7
Wave Direction	SW

TIDE:

-0.90	AM
1.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster personnel carrier on job site

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/30/2006 Report # 99

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***CLEAR*** 51 Max. 77

WIND SPEED: 15 to 25 MPH Direction NNE

WAVE HEIGHT AT:

Borrow Site	4-7
Fill Area	4-7
Wave Direction	NNE

TIDE:

-0.90	AM
1.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster personnel carrier on job site

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/31/2006 Report # 100

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***CLEAR*** 54 Max. 61

WIND SPEED: 9 to 12 MPH Direction SW

WAVE HEIGHT AT:

Borrow Site	1-3
Fill Area	1-3
Wave Direction	S

TIDE:

-0.50	AM
0.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - Crew was in Lafayette

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster personnel carrier on job site

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/1/2006 Report # 101

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***CLEAR TO OVERCAST*** 44 Max. 71

WIND SPEED: 2 to 21 MPH Direction E- ENE

WAVE HEIGHT AT: TIDE:

Borrow Site	3-5	-0.20	AM
Fill Area	3-5	0.00	PM
Wave Direction	SE		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew drove to Grand Isle, launched the boats, and completed (partial) 18 profile lines between lines 313 and 347 (south end numbering).

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/2/2006 Report # 102

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Fog - High Winds*** 59 Max. 73

WIND SPEED: 15 to 25 MPH Direction WSW

WAVE HEIGHT AT: TIDE:

Borrow Site	5-7	-0.20	AM
Fill Area	5-7	0.00	PM
Wave Direction	WSW		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work performed due to fog, winds, rough surf

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/3/2006 Report # 103

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Fog*** 51 Max. 77

WIND SPEED: 5 to 18 MPH Direction W

WAVE HEIGHT AT: TIDE:

Borrow Site	4-6	-0.20	AM
Fill Area	4-6	0.00	PM
Wave Direction	WSW-N		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Foggy conditions, but crew did perform some work. Ran partial lines 299 to 311, 7 lines between patches of fog. Returned to Lafayette.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/4/2006 Report # 104

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***CLEAR*** 42 Max. 62

WIND SPEED: 20 to 30 MPH Direction WSW

WAVE HEIGHT AT:

Borrow Site	4-6
Fill Area	4-6
Wave Direction	N

TIDE:

-0.30	AM
0.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work, high winds and rough surf

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster personnel carrier on job site

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/5/2006 Report # 105

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 35 Max. 60

WIND SPEED: 10 to 25 MPH Direction SE

WAVE HEIGHT AT:		TIDE:	
Borrow Site	2-4	-0.50	AM
Fill Area	2-4	0.80	PM
Wave Direction	SE		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster personnel carrier on job site

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/6/2006 Report # 106

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast*** 50 Max. 73

WIND SPEED: 10 to 25 MPH Direction S

WAVE HEIGHT AT:

Borrow Site	4-7
Fill Area	4-7
Wave Direction	SSW

TIDE:

-0.60	AM
0.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - High Winds and Rough Surf

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/7/2006 Report # 107

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 37 Max. 59

WIND SPEED: 9 to 17 MPH Direction NNW

WAVE HEIGHT AT:

Borrow Site	3-5
Fill Area	3-5
Wave Direction	NNE

TIDE:

-0.70	AM
0.90	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - High Winds and Rough Surf

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/8/2006 Report # 108

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 37 Max. 59

WIND SPEED: 3 to 13 MPH Direction ENE - SSW

WAVE HEIGHT AT:

Borrow Site	1-3
Fill Area	1-3
Wave Direction	N

TIDE:

-0.70	AM
0.90	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey crew remobilzed from Lafayette and surveyed lines (partial) 297 to 265

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/9/2006 Report # 109

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 44 Max. 57

WIND SPEED: 4 to 14 MPH Direction N -NNE

WAVE HEIGHT AT:

Borrow Site	2-3
Fill Area	2-3
Wave Direction	NE

TIDE:

-0.60	AM
0.90	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey crew surveyed lines (partial) 263 to 215

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/10/2006 Report # 110

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast*** 41 Max. 69

WIND SPEED: 6 to 20 MPH Direction E

WAVE HEIGHT AT:

Borrow Site	2-10
Fill Area	2-10
Wave Direction	S

TIDE:

-0.60	AM
0.90	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Winds and surf not suitable for survey work. Forecast are not good, so crew retuned to Lafayette.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/11/2006 Report # 111

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 39 Max. 60

WIND SPEED: 11 to 23 MPH Direction NW

WAVE HEIGHT AT:

Borrow Site	5-7
Fill Area	5-7
Wave Direction	N

TIDE:

-0.50	AM
0.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Winds and surf not suitable for survey work. Forecast are not good,

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/12/2006 Report # 112

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 32 Max. 48

WIND SPEED: 15 to 30 MPH Direction WNW

WAVE HEIGHT AT:

Borrow Site	2-6
Fill Area	2-6
Wave Direction	NW

TIDE:

-0.50	AM
0.70	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Winds and surf not suitable for survey work. Forecast are not good

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/13/2006 Report # 113

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 32 Max. 53

WIND SPEED: 2 to 18 MPH Direction NE

WAVE HEIGHT AT:

Borrow Site	1-3
Fill Area	1-3
Wave Direction	NNW

TIDE:

-0.30	AM
0.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work. Crew will go out on favorable forecast.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/14/2006 Report # 114

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 41 Max. 66

WIND SPEED: 8 to 15 MPH Direction SW

WAVE HEIGHT AT:

Borrow Site	2-4
Fill Area	2-4
Wave Direction	SW

TIDE:

-0.20	AM
0.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work - Severe weather conditions

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/15/2006 Report # 115

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 55 Max. 71

WIND SPEED: 15 to 23 MPH Direction SE

WAVE HEIGHT AT:

Borrow Site	3-5
Fill Area	3-5
Wave Direction	SSE

TIDE:

-0.10	AM
0.30	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Crew mobilized from Lafayette to the jobsite. Was able to run lines 213, 185 thru181, 177 thru 171, 167 thru 145. Unable to run 187thru 211 due to rough seas in break area of the beach.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/16/2006 Report # 116

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 60 Max. 73

WIND SPEED: 11 to 26 MPH Direction ESE

WAVE HEIGHT AT:

Borrow Site	3-5
Fill Area	3-5
Wave Direction	SSE

TIDE:

0.10	AM
0.20	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew ran beach lines 137 thru 144, and 403 thru 411. Resurveyed CG7 and CG9. Crew returned to Lafayette.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/17/2006 Report # 117

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 60 Max. 77

WIND SPEED: 12 to 20 MPH Direction E

WAVE HEIGHT AT:

Borrow Site	4-6
Fill Area	4-6
Wave Direction	E

TIDE:

0.20	AM
0.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weather delay - no work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/18/2006 Report # 118

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast - Rain*** 46 Max. 68

WIND SPEED: 17 to 24 MPH Direction NE

WAVE HEIGHT AT:

Borrow Site	4-6
Fill Area	4-6
Wave Direction	NE

TIDE:

0.50	AM
-0.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weather delay - no work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/19/2006 Report # 119

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast*** 46 Max. 42

WIND SPEED: 12 to 20 MPH Direction NE

WAVE HEIGHT AT:

Borrow Site	3-5
Fill Area	3-5
Wave Direction	NE

TIDE:

-0.10	AM
0.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weather delay - no work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/20/2006 Report # 120

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Fog and Rain*** 51 Max. 69

WIND SPEED: 9 to 14 MPH Direction NNE

WAVE HEIGHT AT:

Borrow Site	2-4
Fill Area	2-4
Wave Direction	MIXED

TIDE:

-0.30	AM
0.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weather delay - no work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/21/2006 Report # 121

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Fog & Overcast*** 55 Max. 66

WIND SPEED: 7 to 14 MPH Direction E

WAVE HEIGHT AT:

Borrow Site	2-4
Fill Area	2-4
Wave Direction	SSE

TIDE:

-0.40	AM
0.90	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weather delay - no work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/22/2006 Report # 122

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Fog, Scattered Clouds, Clear*** 60 Max. 78

WIND SPEED: 10 to 18 MPH Direction S -SSW

WAVE HEIGHT AT:		TIDE:	
Borrow Site	2-4	-0.40	AM
Fill Area	2-4	0.90	PM
Wave Direction	S -SSW		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Crew mobilized from Lafayette to check one of the profile lines and dmobilize the marshmaster. Crew returned to Lafayette. All the remaining profile line work is hydrographic and will be performed utilizing a SEEDOO jet ski survey vessel. Received ok from Weeks to perform another mag survey to mark pipelines in Robinson Canal

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/23/2006 Report # 123

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast - light rain*** 60 Max. 69

WIND SPEED: 15 to 28 MPH Direction NE

WAVE HEIGHT AT:

Borrow Site	3-5
Fill Area	3-5
Wave Direction	NE

TIDE:

-0.60	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/24/2006 Report # 124

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast - light rain*** 57 Max. 62

WIND SPEED: 20 to 28 MPH Direction ENE

WAVE HEIGHT AT:

Borrow Site	3-5
Fill Area	3-5
Wave Direction	ENE

TIDE:

-0.70	AM
1.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/25/2006 Report # 125

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Scattered Clouds*** 57 Max. 78

WIND SPEED: 16 to 26 MPH Direction SW

WAVE HEIGHT AT:

Borrow Site	4-6
Fill Area	4-6
Wave Direction	SW

TIDE:

-0.70	AM
1.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/26/2006 Report # 126

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 51 Max. 62

WIND SPEED: 17 to 26 MPH Direction NE

WAVE HEIGHT AT:

Borrow Site	4-6
Fill Area	4-6
Wave Direction	ENE

TIDE:

-0.60	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/27/2006 Report # 127

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 51 Max. 62

WIND SPEED: 9 to 16 MPH Direction SE

WAVE HEIGHT AT:

Borrow Site	2-4
Fill Area	2-4
Wave Direction	SE

TIDE:

-0.40	AM
0.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - Plan to return to job after Mardi Gras to perform the Mag Survey of Robinson Canal

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Marshmaster, S/V TANGO, and Airboat at jobsite

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 2/28/2006 Report # 128

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 44 Max. 71

WIND SPEED: 9 to 16 MPH Direction SSE

WAVE HEIGHT AT:

Borrow Site	2-3
Fill Area	2-3
Wave Direction	SSE

TIDE:

-0.10	AM
0.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - Mardi Gras

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/1/2006 Report # 129

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 50 Max. 77

WIND SPEED: 7 to 13 MPH Direction S

WAVE HEIGHT AT:

Borrow Site	2-3
Fill Area	2-3
Wave Direction	S

TIDE:

0.10	AM
0.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/2/2006 Report # 130

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 51 Max. 77

WIND SPEED: 5 to 12 MPH Direction Mixed

WAVE HEIGHT AT:

Borrow Site	1-3
Fill Area	1-3
Wave Direction	M

TIDE:

0.30	AM
-0.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/3/2006 Report # 131

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 56 Max. 74

WIND SPEED: 7 to 20 MPH Direction Mixed

WAVE HEIGHT AT:

Borrow Site	1-3
Fill Area	1-3
Wave Direction	W

TIDE:

0.30	AM
-0.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/4/2006 Report # 132

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 55 Max. 74

WIND SPEED: 7 to 20 MPH Direction Mixed

WAVE HEIGHT AT:

Borrow Site	1-3
Fill Area	1-3
Wave Direction	S

TIDE:

0.40	AM
-15.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Crew drove from Lafayette to Grand Isle. Launced boat Tango. Took magnetometer of Robinson Canal
Located and probed existing pipelines in area. CPE represenative on boat tango on this day
Crew also marked pipeline crossings with cane poles

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Survey Boat Tango

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/5/2006 Report # 133

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 44 Max. 71

WIND SPEED: 4 to 16 MPH Direction E

WAVE HEIGHT AT:

Borrow Site	2-3
Fill Area	2-3
Wave Direction	E

TIDE:

-0.40	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

None

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/6/2006 Report # 134

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Fog - Overcast*** 50 Max. 77

WIND SPEED: 5 to 12 MPH Direction NW

WAVE HEIGHT AT:

Borrow Site	1-2
Fill Area	1-2
Wave Direction	M

TIDE:

-0.40	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

None

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/7/2006 Report # 135

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear*** 53 Max. 71

WIND SPEED: 15 to 22 MPH Direction NE

WAVE HEIGHT AT:

Borrow Site	3-5
Fill Area	3-5
Wave Direction	SE

TIDE:

-0.40	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

NO WORK

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

NONE

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/8/2006 Report # 136

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Clear to Overcast*** 60 Max. 77

WIND SPEED: 17 to 23 MPH Direction SSE

WAVE HEIGHT AT:

Borrow Site	4-7
Fill Area	4-7
Wave Direction	SSE

TIDE:

-0.40	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

NO WORK

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

NONE

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/9/2006 Report # 137

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Overcast*** 69 Max. 77

WIND SPEED: 22 to 28 MPH Direction S

WAVE HEIGHT AT:

Borrow Site	5-9
Fill Area	5-9
Wave Direction	S

TIDE:

-0.40	AM
0.90	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

NO WORK

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

NONE

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/10/2006 Report # 138

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 69 Max. 77

WIND SPEED: 13 to 25 MPH Direction S

WAVE HEIGHT AT:

Borrow Site	5-8
Fill Area	5-8
Wave Direction	S

TIDE:

-0.30	AM
0.90	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

NO WORK

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

NONE

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/11/2006 Report # 139

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 71 Max. 78

WIND SPEED: 13 to 20 MPH Direction SSE

WAVE HEIGHT AT:

Borrow Site	5-8
Fill Area	5-8
Wave Direction	SSE

TIDE:

-0.20	AM
0.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

NO WORK

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

NONE

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/12/2006 Report # 140

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 73 Max. 80

WIND SPEED: 13 to 20 MPH Direction SSE

WAVE HEIGHT AT:

Borrow Site	5-8
Fill Area	5-8
Wave Direction	SSE

TIDE:

-0.10	AM
0.70	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

NO WORK

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

NONE

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/13/2006 Report # 141

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***Mostly Cloudy*** 73 Max. 80

WIND SPEED: 15 to 22 MPH Direction SSW

WAVE HEIGHT AT:

Borrow Site	4-6
Fill Area	4-6
Wave Direction	SW

TIDE:

0.00	AM
0.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No work on this day - Down for Weather

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

NONE

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/14/2006 Report # 142

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***CLEAR*** 58 Max. 63

WIND SPEED: 20 to 28 MPH Direction NE

WAVE HEIGHT AT:		TIDE:		
Borrow Site	4-6		0.20	AM
Fill Area	4-6		0.50	PM
Wave Direction	NE			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies,

retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/15/2006 Report # 143

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***CLEAR*** 53 Max. 70

WIND SPEED: 15 to 25 MPH Direction ESE

WAVE HEIGHT AT:		TIDE:	
Borrow Site	4-6	0.30	AM
Fill Area	4-6	0.40	PM
Wave Direction	SE		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies,

retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/16/2006 Report # 144

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***OVERCAST*** 51 Max. 75

WIND SPEED: 10 to 18 MPH Direction SE

WAVE HEIGHT AT: TIDE:

Borrow Site	2-4	0.30	AM
Fill Area	2-4	0.50	PM
Wave Direction	SE		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies,

retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/17/2006 Report # 145

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***CLOUDY*** 62 Max. 78

WIND SPEED: 8 to 18 MPH Direction NE

WAVE HEIGHT AT: TIDE:

Borrow Site	2-3	0.70	AM
Fill Area	2-3	0.00	PM
Wave Direction	NE		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies,

retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/18/2006 Report # 146

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***OVERCAST*** 60 Max. 68

WIND SPEED: 20 to 27 MPH Direction E

WAVE HEIGHT AT:		TIDE:	
Borrow Site	3-6	0.80	AM
Fill Area	3-6	-0.10	PM
Wave Direction	E		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies,

retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/19/2006 Report # 147

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***OVERCAST*** 64 Max. 78

WIND SPEED: 15 to 22 MPH Direction SE

WAVE HEIGHT AT:		TIDE:		
Borrow Site	3-6		0.90	AM
Fill Area	3-6		-0.20	PM
Wave Direction	SE			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies,

retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/20/2006 Report # 148

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: ***OVERCAST*** 71 Max. 80

WIND SPEED: 15 to 22 MPH Direction S

WAVE HEIGHT AT: TIDE:

Borrow Site	5-8	1.00	AM
Fill Area	5-8	-0.20	PM
Wave Direction	S		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

No Work - weather delay

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies,

retesting required, etc., with action to be taken.)

None

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/21/2006 Report # 149

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 60 Max. 65

WIND SPEED: 11.50 to 23.00 MPH Direction North East

WAVE HEIGHT AT:

Borrow Site	3 to 6 Feet
Fill Area	3 to 6 Feet
Wave Direction	NE

TIDE:

1.80	AM
2.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew for Weeks Marine drove out to Chaland to perform layout for Robinson Canal from Sta. 10+00 to Sta. 16+00.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/22/2006 Report # 150

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 55 Max. 65

WIND SPEED: 17.25 to 23.00 MPH Direction North

WAVE HEIGHT AT:

Borrow Site	4 to 6 Feet
Fill Area	4 to 6 Feet
Wave Direction	N

TIDE:

2.00	AM
2.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew for Weeks Marine drove out to Chaland to perform layout for Robinson Canal from Sta. 16+00 to Sta. 31+00. Weeks Survey Crew meet with representative from Hunt Oil to mark location for equipment to cross the Hunt Oil 6" Line. The crossing will be approximately 2000' north of Robinson Canal in Lake Washington.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/23/2006 Report # 151

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 60 Max. 65

WIND SPEED: 11.50 to 23.00 MPH Direction North

WAVE HEIGHT AT:

Borrow Site	2 to 5 Feet
Fill Area	2 to 5 Feet
Wave Direction	North

TIDE:

1.80	AM
2.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Survey Crew for Weeks Marine drove out to Chaland to perform layout for Robinson Canal from Sta. 31+00 to Sta. 34+00.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

_____

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/24/2006 Report # 152

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 60 Max. 65

WIND SPEED: 17.25 to 23.00 MPH Direction North

WAVE HEIGHT AT:

Borrow Site	4 to 5 Feet
Fill Area	4 to 5 Feet
Wave Direction	North

TIDE:

-1.50	AM
0.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Due to a low tide the Weeks Bucket Dredge 542 was delayed getting to Robinson Canal. The Dredge 542 was able to cross the Hunt Oil 6 inch line in the area marked by Hunt Oil at 4:30PM. The Tug "Augusta" was unable to push the Dredge 542 up to Robinson Canal due to a low tide. Dave Stanavitch a consultant hired to giude the "Augusta" across Lake Washington recommended waiting for a higher tide. The Weeks Dredge 542 was on stand by waiting for high tide.
The Weeks Dragkine 418 was also towed along with the Dredge 542.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Dredge has not arrived on the job site.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NO . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NO

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day	To Date
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

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CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/25/2006 Report # 153

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 65 Max. 70

WIND SPEED: 11.00 to 17.00 MPH Direction North

WAVE HEIGHT AT:

Borrow Site	2 to 4 Feet
Fill Area	2 to 4 Feet
Wave Direction	North

TIDE:

-1.00	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Due to a low tide the Weeks Bucket Dredge 542 was delayed getting to Robinson Canal. The Dredge 542 was waiting for the tide to rise until 1:00PM. The Weeks Dragline 418 was towed to the mouth of Robinson Canal with three cab boats and spudded down at 2:00PM. Dave Stanavitch suggested tagging the Dredge 542 to the location. By 6:30PM the Weeks Dredge 542 tagged to location and began to excavate Robinson at Sta. 12+18. The Dredge 542 operated 4:55 advancing to Sta. 13+61.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Cab Boat
Weeks 4600 Manitowoc Bucket Dredge 542
Weeks Linkbelt Dragline 418 on deck barge KS 100

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Weeks Bucket Dredge 542 arrived on the job site at 6:30PM and began to excavate Robinson Canal.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day		To Date	
Worked Hours	4.92	Hours	4.92	Hours
Downtime Hours (Explain Below)	19.08	Hours	19.08	Hours
Length of Discharge Advance (Ft.)				
Volume Pumped (Estimated c.y.)				
Volume Pay (c.y. accepted sections only)				
Linear % Completed				

Explanation of Downtime:

Delays due to low tide, unable to access job site.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/26/2006 Report # 154

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 65 Max. 70

WIND SPEED: 11.00 to 17.00 MPH Direction North East

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	NE

TIDE:

-0.50	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weeks Dredge 542 operated 20:50 excavating Robinson Canal from Sta.13+61 to Sta.22+06 (845' adv.)

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks Survey Crew ran check sections from Sta. 12+00 to Sta. 18+00
Brain Hendrix and Tim Vestal drove down Robinson Canal to verify pipeline locations and surveys. The Chevron Line is not marked, the KOCH 36" is not marked, and the 3" Rosewood is not marked.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Cab Boat
Weeks 4600 Manitowoc Bucket Dredge 542
Weeks Linkbelt Dragline 418 on deck barge KS 100

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Weeks Bucket Dredge 542 arrived on the job site at 6:30PM and began to excavate Robinson Canal.
Weeks Linkbelt Dragline 418 on deck barge KS 100 is on standby.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day		To Date	
Worked Hours	20.83	Hours	25.75	Hours
Downtime Hours (Explain Below)	3.42	Hours	22.5	Hours
Length of Discharge Advance (Ft.)				
Volume Pumped (Estimated c.y.)				
Volume Pay (c.y. accepted sections only)				
Linear % Completed				

Explanation of Downtime:

Delays due to normal maintenance

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/27/2006 Report # 155

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 65 Max. 75

WIND SPEED: 7.00 to 11.00 MPH Direction South East

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	SE

TIDE:

-0.50	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weeks Dredge 542 operated 18:30 excavating Robinson Canal from Sta.22+06 to Sta.31+04 (898' adv.)
The living quarters barge arrived at 3:00PM along with two Marsh Buggies the Weeks 870 and Weeks 879
The Dragline 418 and the living quarters barge was relocated and anchored down by 7:00PM.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks Survey Crew ran check sections from Sta. 18+00 to Sta. 26+00
Brain Ragas with Swift energy was notified that the Dredge542 was approaching the Swift 3" line @ Sta. 30+00 that is shown on the drawings. Brain Ragas verified that there is no line at that location.
Jerome Snyder with Duke Energy was notified on this day that the Dredge 542 was excavating in Robinson Canal and could possibly be at the 36" gas line @ Sta.62+50 in four days.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 870 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Weeks Bucket Dredge 542 excavating Robinson Canal.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day		To Date	
Worked Hours	18.50	Hours	44.25	Hours
Downtime Hours (Explain Below)	5.5	Hours	28	Hours
Length of Discharge Advance (Ft.)				
Volume Pumped (Estimated c.y.)				
Volume Pay (c.y. accepted sections only)				
Linear % Completed				

Explanation of Downtime:

Delays due to normal maintenance and setting anchors for living quarters barge.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/28/2006 Report # 156

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 65 Max. 75

WIND SPEED: 5.00 to 10.00 MPH Direction South East

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	SE

TIDE:

-0.50	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weeks Dredge 542 operated 13:00 excavating Robinson Canal from Sta.31+04 to Sta.37+67 (663' adv.)

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 870 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Weeks Bucket Dredge 542 excavating Robinson Canal.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day		To Date	
Worked Hours	13.00	Hours	57.25	Hours
Downtime Hours (Explain Below)	11	Hours	39	Hours
Length of Discharge Advance (Ft.)				
Volume Pumped (Estimated c.y.)				
Volume Pay (c.y. accepted sections only)				
Linear % Completed				

Explanation of Downtime:

Delays due to maintenance.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/29/2006 Report # 157

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 65 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction South East

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	SE

TIDE:

0.00	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weeks Dredge 542 operated 21:20 excavating Robinson Canal from Sta. 37+67 to Sta.47+06 (939' adv.)

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 870 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Weeks Bucket Dredge 542 excavating Robinson Canal.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day		To Date	
Worked Hours	21.33	Hours	78.58	Hours
Downtime Hours (Explain Below)	2.67	Hours	41.67	Hours
Length of Discharge Advance (Ft.)				
Volume Pumped (Estimated c.y.)				
Volume Pay (c.y. accepted sections only)				
Linear % Completed				

Explanation of Downtime:

Delays due to maintenance.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/30/2006 Report # 158

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	S

TIDE:

0.00	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weeks Dredge 542 operated 21:30 excavating Robinson Canal from Sta. 47+06 to Sta.56+45 (939' adv.)

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew performed layout for back dike from CG 1 to CG11 and ran prolife of Robinson Canal.
Hunt Oil had a survey crew from T. Baker Smith on site to day locating pipe lines that are within the job site.
Rachel Sweeney visited the job site on this day.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 870 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Air Boat arrived on this day to assist with survey work.

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Weeks Bucket Dredge 542 excavating Robinson Canal.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	This Day		To Date	
Worked Hours	21.50	Hours	100.08	Hours
Downtime Hours (Explain Below)	2.5	Hours	44.17	Hours
Length of Discharge Advance (Ft.)				
Volume Pumped (Estimated c.y.)				
Volume Pay (c.y. accepted sections only)				
Linear % Completed				

Explanation of Downtime:

Delays due to maintenance.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 3/31/2006 Report # 159

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	1 to 2 Feet
Fill Area	1 to 2 Feet
Wave Direction	S

TIDE:

1.00	AM
2.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weeks Dredge 542 operated 11:00 excavating Robinson Canal from Sta. 56+45 to Sta.61+75 (530' adv.)
Weeks survey crew performed layout for back dike from CG1 to CG11.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Hunt Oil had a survey crew from T. Baker Smith on site to day locating pipe lines that are within the job site.
Terry Bergeron with Texas Eastern(Duke Energy) was notified today that the Dredge542 will be crossing their line on 3-1-06.
The following were notified that the Dredge 542 will crossing their lines on 3-3-06: Steve Small (LSCG), Rusty Cavalier(BP), Nelson Kramer(CGT), Ken Babin(Hunt Oil), and Kermit Coulon with LL&E/Burlington.
Messages were left with the following: David Louvard (Chevron), Doug Arnold (Gulf South) and Tim Allen with Apache.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

None.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 870 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Airboat-laying out Primary Dike
ATV-bird patrol

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Weeks Bucket Dredge 542 excavating Robinson Canal.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

None.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	100.08	11.00	111.08
Downtime Hours (Explain Below)	44.17	12.60	56.77
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

Delays due to maintenance, the Dredge542 was delayed 2:00 waiting to cross the Texas Eastern (Duke Energy) line during daylight hours.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/1/2006 Report # 160

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction South East

WAVE HEIGHT AT:

Borrow Site	1 to 2 Feet
Fill Area	1 to 2 Feet
Wave Direction	SE

TIDE:

1.00	AM
2.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weeks Dredge 542 operated 18:15 excavating Robinson Canal from Sta. 61+75 to Sta. 69+61 (786' adv.)
Weeks survey crew performed layout for back dike from CG29 to CG20
Weeks Dredge 542 started across the Texas Eastern(Duke Energy) pipe line at 7:45AM by 11:45AM the Dredge 542 was clear of the line.
The Dredge 542 finished excavating in Robinson Canal on this day at 11:00PM.
C&C Tech was on site today, they ran Lines 71 to Lines 76.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Terry Bergeron with Texas Eastern(Duke Energy) was on board the Dredge542 during the pipeline crossing.
Weeks survey ran a profile of the center of Robinson Canal, the profile showed that grade was being achieved.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear hard hats at all times while on the job site.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 870 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Airboat-laying out Primary Dike
ATV-bird patrol

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Weeks Bucket Dredge 542 excavating Robinson Canal.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 3:00PM to 3:45PM - no bird nest observed

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	111.08	18.25	129.33
Downtime Hours (Explain Below)	56.77	5.35	62.12
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

Delays due to maintenance, the Dredge542 was delayed 2:00 waiting to cross the Texas Eastern (Duke Energy line during daylight hours.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/2/2006 Report # 161

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	1 to 2 Feet
Fill Area	1 to 2 Feet
Wave Direction	S

TIDE:

1.00	AM
1.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

Weeks Dredge 542 was on stand by waiting to be towed down Robinson Canal.
Weeks survey crew performed layout for back dike from CG12 to CG19
C&C Tech was on site today, they ran Lines 70 to Lines 63.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew ran AD cross sections on Robinson Canal from Sta.40+00 to Sta.68+00.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear hard hats at all times while on the job site.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 870 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Airboat-laying out Primary Dike
ATV-bird patrol

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Weeks Dredge 542 was on stand by waiting to be towed down Robinson Canal.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:00PM to 4:45PM - no bird nest observed

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	129.33	0.00	129.33
Downtime Hours (Explain Below)	62.12	23.60	85.72
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

Weeks Dredge 542 was on stand by waiting to be towed down Robinson Canal.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/3/2006 Report # 162

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction Southwest

WAVE HEIGHT AT:

Borrow Site	1 to 2 Feet
Fill Area	1 to 2 Feet
Wave Direction	SW

TIDE:

1.00	AM
1.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
Weeks survey crew marked Robinson Canal.
The Captain John and the Augusta arrived on the job site at 9:45AM. The Weeks Dredge 542 was towed down Robinson Canal at 2:30PM. By 3:30PM the Dredge542 was spudded down in the "W" Canal.
The living quarters barge, the Link Belt barge, and the marsh buggy barge followed. By 7:30Pm the tows arrived in the "W" Canal.

C&C Tech was on site today, they ran Lines 61 to Lines 41.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The following choose to have a Rep on site during the tow down Robinson Canal:
Steve Small with LSGC, Ken Babin with Hunt Oil, Nelson Kramer with Colobia Gulf .
The following choose NOT to have a Rep on site during the tow down Robinson Canal:
Doug Arnold with Gulf South, David Louvard with Chevron, Rusty Cavailer with BP

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use proper ear protection in the engine rooms...

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 870 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Airboat-laying out Primary Dike
ATV-bird patrol
Captain John - tug boat
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was towed down Robinson Canal on this day.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:00PM to 4:45PM - no bird nest observed

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	129.33	0.00	129.33
Downtime Hours (Explain Below)	85.72	23.60	109.32
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

The Weeks Dredge 542 was towed down Robinson Canal on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/4/2006 Report # 163

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction Southwest

WAVE HEIGHT AT:			TIDE:	
Borrow Site	3 to 4	Feet	1.00	AM
Fill Area	3 to 4	Feet	1.50	PM
Wave Direction	SW			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
Dredge 542 began constructing the backdike at 53+40 (CG11) at 1:25PM. At 1:30PM the Dedge 542 struck a unmarked dead pipeline along the west side of the "W" canal. Hunt Oil was on site, the line was cut and capped by Hunt Oil. The Dredge 542 was instructed to stop excavating in order to perform another Mag. survey in all the areas to be excavated.
The Marsh Buggy 879 was working for Hunt Oil on this day removing pipelines that are between 43+72 and 48+56.
Weeks survey crew performed layout for the back dike and borrow pit from 43+72(CG9) to Sta.53+40(CG11).
C&C Tech. was on site this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Rachel Sweeney and Jason Manthey with NOAA, Gordon Thomson with CPE, and Berry Richard with DNR were on site on this day.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

Weeks survey crew was instructed to set grade at elevation +5.5, and to be sure to include station numbers.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use caution when working around operating equipment.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Airboat-laying out Primary Dike
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:00PM to 4:45PM - no bird nest observed

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	129.33	0.08	129.41
Downtime Hours (Explain Below)	109.32	23.52	132.84
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

The Dredge 542 was delayed waiting for a Mag. Survey.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/5/2006 Report # 164

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction Southeast

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	SE

TIDE:

1.00	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
Weeks survey crew performed a MAG. survey between CG10 to CG11. At 4:30 PM the Dredge 542 began to construct the back dike. At 5:00PM the Dredge 542 struck another unmarked dead line. The Dredge 542 was instucted to stand by waiting for another MAG. Survey.
C&C Tech was on site on this day.
Hunt Oil was contacted when the line was struck.
Weeks survey crew performed layout for back dike.
The Marsh Buggy 879 was working for Hunt Oil on this day removing pipelines that are between 43+72 and 48+56.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use caution when working out of the open skiffs.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Airboat-laying out Primary Dike
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:30PM to 5:00PM - no bird nest observed

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	129.41	0.50	129.91
Downtime Hours (Explain Below)	132.84	23.10	155.94
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

The Dredge 542 was delayed waiting for a Mag. Survey.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/6/2006 Report # 165

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction Southeast

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	SE

TIDE:

0.80	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
Feinstermaker was on site today performing a MAG survey between CG 11 to CG1 in all the areas to be excavated. The Dredge542 began to construct the back dike at 11:00AM. The Dredge 542 operated 5:15 constucting the back dike between Sta. 53+40(CG11) and 48+56(CG10) advancing 323 feet.
The Marsh Buggy 879 was working for Hunt Oil on this day removing pipelines that are between 29+20 and 24+36.
Weeks survey crew performed layout for back dike.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use proper ear protection when working with the Airboats..

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Airboat-laying out Primary Dike
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:30PM to 5:00PM - no bird nest observed

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	129.91	5.25	135.16
Downtime Hours (Explain Below)	155.94	18.35	174.29
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

The Dredge 542 was delayed waiting for a Mag. Survey.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/7/2006 Report # 166

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 72 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction Southeast

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	SE

TIDE:

0.60	AM
1.60	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The dredge 542 continued building back dike from sta. 48+56 (CG 11) to sta. 46+11 (CG 10) with an advance of 245 ft.
The Marsh Buggy 879 was working for Hunt Oil on this day removing pipelines that are between 29+20 and 24+36.
Weeks survey crew performed layout for back dike.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use proper ear protection when working with the Airboats..

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Air Boat Laying out primary diike
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:30PM to 5:00PM - no bird nest observed

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	129.91	11.17	141.08
Downtime Hours (Explain Below)	155.94	12.83	168.77
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

9:00 - 9:10 grease bucket
12:00 - 12:30 service
15:05 - 15:15 service

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/8/2006 Report # 167

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy TEMPERATURE: Min. 72 Max. 80

WIND SPEED: 15.00 to 25.00 MPH Direction SouthWest

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	SW

TIDE:

0.40	AM
1.40	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The dredge 542 continued building back dike from sta. 46+11 (CG 10) to sta. 39+11 (CG 10) with an advance of 700 ft.
The Marsh Buggy 879 was doing maintance on equipment.
Weeks survey crew performed layout for back dike.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use proper ear protection when working with the Airboats..

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Air Boat Laying out primary diike
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:30PM to 5:00PM - no bird nest observed

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	129.91	21.17	151.08
Downtime Hours (Explain Below)	155.94	2.83	158.77
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:50 - 9:10	grease bucket
9:10 - 10:15	check spud cable and greased bucket
12:00 - 12:35	service
13:30 - 13:50	repaired hydralic line to swing cable motor
15:15 - 15:30	greased bucket
21:20 - 9:35	greased bucket

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/9/2006 Report # 168

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: sunny TEMPERATURE: Min. 71 Max. 81

WIND SPEED: 10.00 to 15.00 MPH Direction southeast

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	se

TIDE:

0.50	AM
1.30	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The dredge 542 continued building back dike from sta. 39+11 (CG 10) to sta. 35+10 (CG9) with an advance of 401 ft.
The Marsh Buggy 879 was doing maintance on equipment.
Weeks survey crew performed layout for back dike.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use proper ear protection when working with the Airboats..

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
Air Boat Laying out primary diike
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:30PM to 5:00PM - no bird nest observed

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	129.91	17.92	147.83
Downtime Hours (Explain Below)	155.94	6.83	162.77
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

5:00 - 9:15 started digging at 9:15
11:00 - 12:00 4 in. gas line
13:10 - 13:45 serviced engine
15:30 - 15:45 greased buckett

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/10/2006 Report # 169

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 71 Max. 81

WIND SPEED: 10.00 to 15.00 MPH Direction southeast

WAVE HEIGHT AT: TIDE:

Borrow Site	2 to 3 Feet		0.50	AM
Fill Area	2 to 3 Feet		1.80	PM
Wave Direction	se			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The Weeks Dredge 542 operated 22:30 constructing the the back(primary) dike between CG6 and CG7 advancing 901 feet.
The Marsh Buggy 879 worked for Hunt Oil on this day removing a pipe line .
Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to keep walk ways clear of tripping hazards..

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing back dike
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -removing pipelines for Hunt Oil
Air Boat Laying out primary diike
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:30PM to 5:00PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds. No protected birds were observed.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	185.42	22.50	207.92
Downtime Hours (Explain Below)	196.43	1.50	197.93
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

2:15 -2:35 serviced engine
10:20 - 10:25 greased buckett
12:20 - 13:10 serviced engine
15:40 - 15:55 greased buckett

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/11/2006 Report # 170

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 75

WIND SPEED: 10.00 to 15.00 MPH Direction southeast

WAVE HEIGHT AT: TIDE:

Borrow Site	2 to 3 Feet	0.50	AM
Fill Area	2 to 3 Feet	1.80	PM
Wave Direction	se		

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The Weeks Dredge 542 operated 21:15 constructing the the back(primary) dike between CG5 and CG6 advanci 575 feet.
The Marsh Buggy 878 was off load on this day and tracked to the east end of the job site to begin back dike. construction. The Marsh Buggy 878 arrived on location at 3:00PM and started to construct the back dike at CG29 advancing 50 feet
Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 and the Marsh Buggy. 878 with dike construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit N NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use caution when working from ladders.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 3:30PM to 4:00PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds. No protected birds were observed.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	207.92	21.25	229.17
Downtime Hours (Explain Below)	198.28	2.75	201.03
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

9:20 - 9:35 greased buckett
12:10 - 13:00 serviced engine
16:00 - 16:15 greased buckett
22:15 - 22:45 repair closing cable
23:00 - 23:35 serviced engine

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/12/2006 Report # 171

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 75

WIND SPEED: 7.00 to 15.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	S

TIDE:

1.00	AM
1.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The Weeks Dredge 542 operated 6:50 constructing the the back(primary) dike between CG4 and CG5 advanc 104 feet.
The Marsh Buggy 878 operated 11:30 constructing the back(primary) dike between CG29 and CG28b advancin 481 feet.
Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 and the Marsh Buggy. 878 with dike construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit N NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to store flammables in the proper storage areas..

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Air Boat on Site - Layout
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 3:30PM to 4:00PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds. No protected birds were observed.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	229.17	6.83	236.00
Downtime Hours (Explain Below)	201.03	17.17	218.20
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

9:40 - 10:50 Changed deck sheives
12:15 - 12:45 serviced engine
13:30 - 24:00 Dredge 542 down for 3rd drum repairs

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/13/2006 Report # 172

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 60 Max. 70

WIND SPEED: 7.00 to 15.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	1 to 3 Feet
Fill Area	1 to 3 Feet
Wave Direction	S

TIDE:

0.50	AM
1.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)

The Weeks Dredge 542 down for repairs

The Marsh Buggy 878 operated 11:30 constructing the back(primary) dike between CG28b and CG28a advancing 369 feet
Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 and the Marsh Buggy. 878 with dike construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to store flammables in the proper storage areas..

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Air Boat on Site - Layout
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was down for repairs.

.

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NA . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NA

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:00PM to 4:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds. No protected birds were observed.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	236	0.00	236.00
Downtime Hours (Explain Below)	218.2	24.00	242.20
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

0:00 - 24:00 Dredge 542 down for 3rd drum repairs

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/14/2006 Report # 173

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 65 Max. 70

WIND SPEED: 7.00 to 15.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	S

TIDE:

0.20	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Weeks Dredge 542 down for repairs
The Linkbelt 418 operated 8:00 excavating the oil infastructure access canal between CG19 and CM38 advancing 150 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the job.
The Marsh Buggy 878 operated 9:30 constructing the back(primary) dike between CG28 and CG28b advancing 235 feet.
Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 and the Marsh Buggy. 878 with dike construction.
The settlement plate on CG 28 was placed on this day. The settlement plate at the ground was found to be at elev. +0.255. The pipe was measured and the top was found to be at elev. +15.255.
2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew began reestablishing grade on the back(primary) dike between CG11 and CG10 in areas that will require a secound lift.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Down for Repairs.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NA . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NA

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:30PM to 5:00PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds. No protected birds were observed.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	236	0.00	236.00
Downtime Hours (Explain Below)	242.2	24.00	266.20
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

0:00 - 24:00 Dredge 542 down for 3rd drum repairs

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/15/2006 Report # 174

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 15.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	S

TIDE:

0.00	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 17:30 constructing the back(primary) dike between CG5 and CG3 advancing 520 feet.
The Linkbelt 418 operated 10:30 excavating the oil infastructure access canal between CG19 and CM38 advancing 175 feet. The 418 is excavating only a portion of the access canalto gain access to the east end of the job site.
The Marsh Buggy 878 did not operate on this day.

Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with dike construction.
Weeks survey crew also began placing grade on primary dike from CG8 to CG11 for second lift.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear hard hats at all times while on the job site.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Excavating Rob Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Standby
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W
9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NA . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NA

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 5:00PM to 5:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds. No protected birds were observed.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	236	18.00	254.00
Downtime Hours (Explain Below)	242.2	6.00	248.20
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

0:00 -3:00	Dredge 542 down for 3rd drum repairs
3:30 - 3:50	Move back on line
7:00 - 7:15	adjust 3rd drum
9:15 - 9:30	grease bucket
13:50 - 15:20	repair load cable and grease bucket
24:00 - 24:40	service machine

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/16/2006 Report # 175

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 70 Max. 80

WIND SPEED: 5.00 to 15.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	S

TIDE:

0.00	AM
1.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 21:00 constructing the back(primary) dike between CG4 and CG3 advancing 637 feet.
The Linkbelt 418 operated 11:00 excavating the oil infastructure access canal between CM38 and CG20 advancing 190 feet. The 418 is excavating only a portion of the access canal to gain access to the east end of the job site.
The Marsh Buggy 878 did not operate on this day.

Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with dike construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear life vest at all times when working outside the hand rails.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing back dike
Weeks Linkbelt Dragline 418 on deck barge KS 100-excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:00PM to 4:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds. No protected birds were observed.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	254.00	21.00	275.00
Downtime Hours (Explain Below)	271.85	3.00	274.85
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

1:30 - 2:10	service machine
4:00 - 4:15	grease bucket
8:00 - 8:20	check spud cables
9:00 - 9:15	grease bucket
12:00 - 13:00	service machine
15:00 - 15:15	grease bucket
22:00 - 22:15	grease bucket

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/17/2006 Report # 176

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 75 Max. 85

WIND SPEED: 5.00 to 15.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	2 to 3 Feet
Fill Area	2 to 3 Feet
Wave Direction	S

TIDE:

0.50	AM
2.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 22:20 constructing the back(primary) dike between CG3 and CG2 advancing 170 feet. The Dredge 542 also backed up to CG11 to place a second lift on the back dike. The Dredge 542 advanced 1433 feet capping the back dike between CG11 and CG8.
The Linkbelt 418 operated 11:00 excavating the oil infastructure access canal between CG20 and CM40 advancing 180 feet. The 418 is excavating only a portion of the access canal to gain access to the east end of the job site.
The Marsh Buggy 878 did not operate on this day.

Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with dike construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew began reestablishing grade on the back(primary) dike between CG10 and CG7 in areas that will require a secound lift.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to keep walk ways clear of tripping hazards .

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing back dike
Weeks Linkbelt Dragline 418 on deck barge KS 100-excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:00PM to 4:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	275.00	22.33	297.33
Downtime Hours (Explain Below)	274.85	1.67	276.52
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

1:35 - 2:10 service machine
3:45 - 4:00 grease bucket
9:15 - 9:45 grease bucket
12:00 - 12:40 service machine
15:00 - 15:15 grease bucket
21:55 - 22:00 grease bucket

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/18/2006 Report # 177

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 75 Max. 85

WIND SPEED: 5.00 to 15.00 MPH Direction South

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

0.40	AM
2.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 17:15 placing a second lift on the back(primary) dike between CG8(38+88) and CG5 (24+36) advancing 1358 feet.The Dredge 542 also relocated to CG11(53+40) to stockpile material to make canal closure between CG11(53+40) and CG12(58+23).
The Linkbelt 418 operated 11:00 excavating the oil infastructure access canal between CM40(99+38) and CG21(101+80) advancing 240 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with dike construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew began reestablishing grade on the back(primary) dike between CG7 and CG5 in areas that will require a secound lift.

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

None.

6. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded use caution when working around operating equipment.

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike
Weeks Linkbelt Dragline 418 on deck barge KS 100-Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was constructing the back dike.

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10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:00PM to 4:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.

12. Progress Summary:

	Previous	This Day	To Date
Worked Hours	297.33	17.25	314.58
Downtime Hours (Explain Below)	276.52	6.75	283.27
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

1:30 - 2:00 service machine
4:45 - 5:00 grease bucket
7:45 - 12:45 Repairs to hoist friction and service machine
22:35 - 23:35 Change closing line

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/19/2006 Report # 178

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 75 Max. 85

WIND SPEED: 5.00 to 10.00 MPH Direction South

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to 3	Feet	0.50	AM
Fill Area	1 to 3	Feet	1.80	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 12:10 stock piling material between CG12(58+23) and CG13(63+08). The Dredge 542 also relocated to begin excavating the Oil Inf. Canal. The Dredge 542 was able to load 1 mud barge and place the material between CG12(58+23) and CG13(63+08). The Dredge 542 constructed 50 feet of primary dike between CG12(58+23) and CG13(63+08).
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with dike construction.
The Linkbelt 418 operated 11:00 excavating the oil infastructure access canal between CG21(101+80) and CM42(104+22) advancing 240 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Jason Manthey, Racheal Sweeney, and Gordon Thomson visited the job site on this day.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike
Weeks Linkbelt Dragline 418 on deck barge KS 100-Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 9:30PM to 10:30PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG24(116+32) to CG29(140+51) and from CG2 (9+84) and CG4(19+52)
No birds were found.
Daily Patrol - 4:00PM to 4:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.
The ATV passed along CG12(58+23) to CG22(106+64).

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded use caution when working around operating equipment.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	314.58	12.17	326.75
Downtime Hours (Explain Below)	283.27	11.83	295.10
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

1:50 - 2:50	service machine
12:00 - 13:40	service machine
13:40 - 17:00	relocated Dredge542 and mud barge
17:00 - 20:30	changed buckets
21:40 - 24:00	anchored mud barge and moved the Dredge542 to unload mud barge

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

_____
CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/20/2006 Report # 179

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 75 Max. 85

WIND SPEED: 5.00 to 10.00 MPH Direction South

WAVE HEIGHT AT:			TIDE:		
Borrow Site	1 to 3	Feet		0.50	AM
Fill Area	1 to 3	Feet		1.80	PM
Wave Direction	S				

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 23:30 loading material from the access canal on to the mud barge. The material was then towed to, and placed between CG12(58+23) and CG13(63+08). The Dredge 542 loaded 2 mud barges on this day.
The Dredge 542 constructed 100 feet of primary dike between CG12(58+23) and CG13(63+08) with the material from the Acces Canal.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with dike construction.
The Linkbelt 418 operated 11:00 excavating the oil infastructure access canal between CM42(104+22) and CG22(106+64) advancing 240 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 1:00PM to 2:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG24(116+32) to CG29(140+51) and from CG2 (9+84) and CG4(19+52)
No birds were found.
Daily Patrol - 5:00PM to 5:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.
The ATV passed along CG12(58+23) to CG22(106+64).

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded use caution when working in open skiff.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	326.75	23.50	350.25
Downtime Hours (Explain Below)	295.10	0.50	295.60
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:30 - 8:45 grease bucket
23:40 - 23:55 grease bucket

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/21/2006 Report # 180

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear/Rain TEMPERATURE: Min. 80 Max. 87

WIND SPEED: 7.00 to 12.00 MPH Direction SE

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to 3	Feet	0.50	AM
Fill Area	1 to 3	Feet	2.00	PM
Wave Direction	SE			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 23:10 loading material from the access canal on to the mud barge. The material was then towed to, and placed between CG12(58+23) and CG13(63+08). The Dredge 542 loaded 4 mud barges on this day.
The Dredge 542 constructed 175 feet of primary dike between CG12(58+23) and CG13(63+08) with the material from the Acces Canal.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with dike construction.
The Linkbelt 418 operated 11:00 excavating the oil infastructure access canal between CG22(106+64) and CM44(109+06) advancing 240 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 2:00PM to 2:45PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG24(116+32) to CG29(140+51) and from CG2 (9+84) and CG4(19+52)
No birds were found.
Daily Patrol - 3:00PM to 3:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.
The ATV passed along CG12(58+23) to CG22(106+64).

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to keep walkways clear of tripping hazards..

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	350.25	23.17	373.42
Downtime Hours (Explain Below)	295.60	0.83	296.43
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
9:00 - 9:30 grease bucket
15:50 - 16:10 repair spud cable

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/22/2006 Report # 181

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 80 Max. 85

WIND SPEED: 7.00 to 12.00 MPH Direction SE

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to 3	Feet	0.50	AM
Fill Area	1 to 3	Feet	1.90	PM
Wave Direction	SE			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 22:35 loading material from the access canal on to the mud barge. The material was then towed to, and placed between CG12(58+23) and CG13(63+08). The Dredge 542 loaded 4 mud barges on this day.
The Dredge 542 constructed 190 feet of primary dike between CG12(58+23) and CG13(63+08) with the material from the Acces Canal.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with dike construction.
The Linkbelt 418 was down for repairs on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
C&C was on site on this day.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Down for repairs.
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 1:00PM to 1:45PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG24(116+32) to CG29(140+51) and from CG2 (9+84) and CG4(19+52)
No birds were found.
Daily Patrol - 4:00PM to 4:45PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.
The ATV passed along CG12(58+23) to CG22(106+64).

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear proper ear protection when required.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	373.42	22.58	396.00
Downtime Hours (Explain Below)	296.43	1.42	297.85
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
9:00 - 9:30 grease bucket
12:00 - 12:40 service machine
21:00 - 21:15 grease bucket

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/23/2006 Report # 182

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 85 Max. 90

WIND SPEED: 5.00 to 15.00 MPH Direction SE

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to 4	Feet	0.30	AM
Fill Area	1 to 4	Feet	1.90	PM
Wave Direction	SE			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 14:45 loading material from the access canal on to the mud barge. The material was then towed to, and placed between CG12(58+23) and CG13(63+08). The Dredge 542 loaded 2 mud barges on this day.
The Dredge 542 constructed 100 feet of primary dike between CG12(58+23) and CG13(63+08) with the material from the Acces Canal.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.
The settlement plate on CG13(63+08) was placed on this day. The settlement plate at the ground was found to be at elev. +0.830. The pipe was measured and the top was found to be at elev. +15.830.
The Linkbelt 418 was down for repairs on this day.

Weeks survey crew performed additional layout for the back dike to aid the Dredge 542 with dike construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
C&C was on site this day. C&C reported that all of the hydro work was completed on this day.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Down for repairs.
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - tug boat
Crew Boat - Bayou Princess
Crew Boat - Walter W

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 2:00PM to 2:45PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG24(116+32) to CG29(140+51) and from CG2 (9+84) and CG4(19+52)
No birds were found.
Daily Patrol - 3:00PM to 3:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.
The ATV passed along CG12(58+23) to CG22(106+64).

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear proper eye protection when required.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	369.00	14.25	383.25
Downtime Hours (Explain Below)	297.85	9.75	307.60
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
8:00 - 8:15 grease bucket
15:00 to 24:00 Dredge 542 down delated due to problems with Captain John

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/24/2006 Report # 183

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 85 Max. 90

WIND SPEED: 5.00 to 10.00 MPH Direction SE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	SE	

TIDE:

0.50	AM
2.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 was delayed 24:00 due to engine problems with the Captain John.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.
The Linkbelt 418 was down for repairs on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Delayed, due to Captain John
Weeks Linkbelt Dragline 418 on deck barge KS 100-Down for repairs.
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 4:00PM to 4:45PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG24(116+32) to CG29(140+51) and from CG2 (9+84) and CG4(19+52)
No birds were found.
Daily Patrol - 5:00PM to 5:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.
The ATV passed along CG12(58+23) to CG22(106+64).

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was not operating on this day. Delayed due to engine problems with Captain John

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use caution when working around operting equipment.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	383.25	0.00	383.25
Downtime Hours (Explain Below)	307.60	24.00	331.60
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

0:00 to 24:00 Dredge 542 down delated due to problems with Captain John

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/25/2006 Report # 184

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy TEMPERATURE: Min. 75 Max. 80

WIND SPEED: 7.00 to 15.00 MPH Direction SW

WAVE HEIGHT AT: TIDE:

Borrow Site	2 to 4	Feet	0.30	AM
Fill Area	2 to 4	Feet	1.70	PM
Wave Direction	SW			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 11:15 capping back dike as needed between CG11(53+40) and CG3(14+68). The Dredge542 also excavated canal between CG3(14+68) and CG2(9+84) to gain access to west end of jobsite.
The Marsh Buggy 878 operated 6:00 constructing the back dike from CG28(135+68) and CG28A(137+08)
The Marsh Buggy 879 did not operate on this day.
The Linkbelt 418 was down for repairs on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 and the 878 with dike construction.
Weeks survey crew has placed the metal conduit grade stakes along the marsh fill from baseline Sta. 0+00 to 46+14.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542 - capping dike as needed/excavating canal to gain access to west end.
Weeks Linkbelt Dragline 418 on deck barge KS 100-Down for repairs.
Weeks 878 Marsh Buggy-Constructing back dike
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 2:00PM to 3:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG24(116+32) to CG29(140+51) and from CG2 (9+84) and CG4(19+52)
No birds were found.
Daily Patrol - 3:30PM to 4:00PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.
The ATV passed along CG12(58+23) to CG22(106+64).

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was not operating on this day. Delayed due to engine problems with Captain John

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear gloves when handling wire ropes.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	383.25	11.25	394.50
Downtime Hours (Explain Below)	331.60	12.75	344.35
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

0:00 - to 12:45 Dredge 542 down delayed due to problems with Captain John

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

_____
CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/26/2006 Report # 185

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Rain TEMPERATURE: Min. 65 Max. 70

WIND SPEED: 7.00 to 15.00 MPH Direction NW

WAVE HEIGHT AT: TIDE:

Borrow Site	3 to 5	Feet	-0.30	AM
Fill Area	3 to 5	Feet	1.00	PM
Wave Direction	NW			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plots to this report.)
The Dredge 542 operated 17:20 also excavated canal between CG3(14+68) and CG2(9+84) to gain access to west end of jobsite. The Dredge 542 also relocated to CG11 to begin loading the mud barge.
The Marsh Buggy 878 operated 11:00 constructing the back dike from CG28(135+68) and CG28A(137+08)

The Marsh Buggy 879 did not operate on this day.
The Linkbelt 418 was down for repairs on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 and the 878 with dike construction

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542 - capping dike as needed/excavating canal to gain access to west end
Weeks Linkbelt Dragline 418 on deck barge KS 100-Down for repairs.
Weeks 878 Marsh Buggy-Constructing back dike
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 5:00PM to 5:30PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG24(116+32) to CG29(140+51) and from CG2 (9+84) and CG4(19+52)
No birds were found.
Daily Patrol - 4:00PM to 4:30PM - Daily bird patrol conducted on this day using the ATV on site. The ATV made several passes down the beach and along the marsh in search of signs of protected birds.
The ATV passed along CG12(58+23) to CG22(106+64).
No birds were found.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was excavating channel to gain access to west end of job.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear hard hats at all times while on the job site.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	394.50	17.33	411.83
Downtime Hours (Explain Below)	344.35	6.67	351.02
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

9:20 - 9:45	weather delay
10:35 - 10:45	grease bucket
12:00 - 12:30	service machine
13:15 - 13:35	bucket repairs
14:20 - 14:35	bucket repairs
15:00 - 17:00	waiting on Miss Helen
17:00 - 20:00	low tide barge grounded

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

Heavy Rain and strong winds on this day

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/27/2006 Report # 186

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Rain TEMPERATURE: Min. 65 Max. 75

WIND SPEED: 7.00 to 15.00 MPH Direction N

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to 3	Feet	-0.40	AM
Fill Area	1 to 3	Feet	1.00	PM
Wave Direction	N			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated loading material from the access canal on to the mud barge. The material was then towed to, and placed between CG13(63+08) and CG14(67+91). The Dredge 542 loaded 1 mud barge(s) on this day.
The Dredge 542 constructed 40 feet of primary dike between CG13(63+08) and CG14(67+91) with the material from the Access Canal. The Dredge 542 has advanced to CG20(96+96) with the Oil Access Canal excavation.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.
The Linkbelt 418 was down for repairs on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction
Brain Kendrick was on site today to observe the shots taken for the west end alignment.
C&C was on site, all surveys east of Robinson Canal was completed on this day.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Down for repairs.
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 2:00PM to 3:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG2 (9+84) to CG4(19+52) and CG12(58+23) to CG22(106+64).
No birds were found.
Daily Patrol - 4:00PM to 5:30PM - The ATV was relocated to patrol the area between CG24(116+32) to CG29(140+51)
The area was patroled along the beach and the marsh. No birds were found.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear life vest when working outside of the hand rails.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	411.83	11.50	423.33
Downtime Hours (Explain Below)	351.02	12.50	363.52
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

7:10 - 10:00	working on crew boat
12:30 - 18:00	removing rope in the wheel of the Miss Helen
19:00 - 23:00	bucket repairs

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/28/2006 Report # 187

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 65 Max. 75

WIND SPEED: 7.00 to 15.00 MPH Direction SE

WAVE HEIGHT AT: TIDE:

Borrow Site	2 to 3	Feet	0.00	AM
Fill Area	2 to 3	Feet	1.50	PM
Wave Direction	SE			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 21:10 loading material from the access canal on to the mud barge. The Dredge 542 loaded 4 mud barge(s) on this day. The first two barge loads were towed to and placed between CG13(63+08) and CG14(67+91) advancing 80 feet. The other two barges were placed between CG18(87+28) and CG18A(90+42) advancing 110 feet The Dredge 542 is excavating the Oil Access Canal between CG20(96+96) and CM40(99+38).
The Linkbelt 418 operated 8:00 excavating the oil infastructure access canal between CM44(109+06) and CG23(111+48) advancing 105 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100-Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 10:00AM to 11:30AM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG10(48+56) to CG22(106+64). The ATV was used to patrol from CG23(111+48) to CG29(140+51). No birds were found.
Daily Patrol - 4:00PM to 5:30PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG10(48+56) to CG22(106+64). The ATV was used to patrol from CG23(111+48) to CG29(140+51). No birds were found.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to keep walk ways clear of tripping hazards.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	423.33	21.17	444.50
Downtime Hours (Explain Below)	363.52	2.83	366.35
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

14:00 - 16:00 waiting for Miss Helen to return from assiting Captain John with repairs.
23:10 - 24:00 high winds and strong current delayed the Dredge542, Miss Helen could not move the barge.

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/29/2006 Report # 188

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Windy TEMPERATURE: Min. 65 Max. 75

WIND SPEED: 15.00 to 25.00 MPH Direction SE

WAVE HEIGHT AT: TIDE:

Borrow Site	3 to 5	Feet	0.80	AM
Fill Area	3 to 5	Feet	2.50	PM
Wave Direction	SE			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 22:00 loading material from the access canal on to the mud barge. The Dredge 542 loaded 5 mud barge(s) on this day. One barge load was towed to and placed between CG18(87+28) and CG18A(90+42) advancing 40 feet. The other 4 barges were placed between CG19(92+12) and CM38(94+54) The Dredge 542 is excavating the Oil Access Canal between CG20(96+96) and CM40(99+38).

The Linkbelt 418 was down for repairs to hook rollers.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction
Weeks survey reestablished grade between CG12(58+23) and CG13(63+08)
Weeks survey ran a profile from CG11 to CG2.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Down for repairs
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 9:00AM to 9:45AM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG10(48+56) to CG22(106+64). The ATV was used to patrol from CG23(111+48) to CG29(140+51). No birds were found.
Daily Patrol - 1:00PM to 2:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG10(48+56) to CG22(106+64). The ATV was used to patrol from CG23(111+48) to CG29(140+51). No birds were found.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to keep walk ways clear of tripping hazards.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	444.50	22.00	466.50
Downtime Hours (Explain Below)	366.35	2.00	368.35
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:45 - 9:00	grease bucket
11:00 - 11:30	service machine
15:00 - 15:15	grease bucket
18:00 - 18:30	rope in wheel of Miss Helen
23:30 - 24:00	service machine

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 4/30/2006 Report # 189

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Windy/Rain TEMPERATURE: Min. 60 Max. 67

WIND SPEED: 20.00 to 30.00 MPH Direction S

WAVE HEIGHT AT: TIDE:

Borrow Site	4 to 5	Feet	1.00	AM
Fill Area	4 to 5	Feet	3.50	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 18:45 loading material from the access canal on to the mud barge. The Dredge 542 loaded 5 mud barge(s) on this day. Four barge loads were towed to and placed between CG18(87+28) and CG18A(90+42) advancing 131 feet. The other one barge was placed between CG18(87+28) and CG17(82+44) The Dredge 542 is excavating the Oil Access Canal between CM40(99+38) and CG21(101+80).

The Linkbelt 418 was down for repairs to hook rollers.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction
Weeks survey observed several areas from CG11 to CG6 has washed out due to the high tide and strong waves.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Down for repairs
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - The beach area was under water most of the morning due to a high tide.

Daily Patrol - 5:00PM to 6:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG10(48+56) to CG22(106+64). The ATV was used to patrol from CG23(111+48) to CG29(140+51). No birds were found.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use caution when handling ropes on tug.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	466.50	18.75	485.25
Downtime Hours (Explain Below)	368.35	5.25	373.60
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
8:00 - 9:15 weather delay
14:00 - 14:30 service machine
17:00 - 20:00 repairs to bucket
23:30 - 24:00 service machine

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

Stong wind, high tide, and rain on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/1/2006 Report # 190

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Windy/Rain TEMPERATURE: Min. 75 Max. 80

WIND SPEED: 5.00 to 15.00 MPH Direction S

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	2 to 3	Feet
Wave Direction	S	

TIDE:

0.50	AM
2.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 22:30 loading material from the access canal on to the mud barge. The Dredge 542 loaded 4 mud barge(s) on this day. One barge load was towed to and placed between CG18(87+28) and CG18A(90+42) advancing 37 feet. The other three barge loads were placed between CG13(63+08) and CG14(67+91) advancing 242 feet
The Dredge 542 is excavating the Oil Access Canal between CM40(99+38) and CG21(101+80).
The Linkbelt 418 operated 8:00 excavating the oil infastructure access canal between CM23(111+48) and CG46 advancing 170 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction
Weeks survey took check surveys of the Access Canal from CM38 to CM40.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 8:00PM to 9:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG10(48+56) to CG22(106+64). The ATV was used to patrol from CG23(111+48) to CG29(140+51). No birds were found.
Daily Patrol - 4:00PM to 5:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG10(48+56) to CG22(106+64). The ATV was used to patrol from CG23(111+48) to CG29(140+51). No birds were found.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear life vest when working outside the handrails.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	485.25	22.50	507.75
Downtime Hours (Explain Below)	373.60	1.50	375.10
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
9:00 - 9:15 grease bucket
13:00 - 13:30 service machine
19:00 - 19:15 grease bucket
23:30 - 24:00 service machine

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/2/2006 Report # 191

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 75 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction S

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to 2	Feet	0.50	AM
Fill Area	1 to 2	Feet	1.80	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 20:50 loading material from the access canal on to the mud barge. The Dredge 542 loaded 5 mud barge(s) on this day. Three barge loads were towed to and placed between CG18(87+28) and CG18A(90+42) advancing 112 feet. The other two barge loads were placed between CG14(67+91) and CG15(72+75) advancing 92 feet.
The Dredge 542 is excavating the Oil Access Canal between CM40(99+38) and CG21(101+80).
The Linkbelt 418 operated 11:00 excavating the oil infastructure access canal between CM23(111+48) and CG46 advancing 120 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction
Weeks survey crew placed the grade stakes on the marsh area from 46+14 to 72+75

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 7:00AM to 8:00AM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG10(48+56) to CG22(106+64). The ATV was used to patrol from CG23(111+48) to CG29(140+51). No nesting birds were found.
Daily Patrol - 4:00PM to 5:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG10(48+56) to CG22(106+64). The ATV was used to patrol from CG23(111+48) to CG29(140+51). No nesting birds were found.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use proper ear protection when working in the engine room.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	507.75	20.83	528.58
Downtime Hours (Explain Below)	375.10	3.17	378.27
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

2:25 -2:45	grease bucket
6:30 - 7:00	check spud cables
12:05 - 13:10	service machine
16:00 - 16:15	fuel crew boat
19:00 - 20:00	fuel problems with the Miss Helen

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

The report for 5-1-2006 stated that there was a bird patrol conducted from 8:00PM to 9:00PM, the times should have stated from 8:00AM to 9:00AM.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/3/2006 Report # 192

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 75 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction S

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to 2	Feet	0.50	AM
Fill Area	1 to 2	Feet	1.80	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune
The Dredge 542 operated 20:30 loading material from the access canal on to the mud barge. The Dredge 542 loaded 5 mud barge(s) on this day.
The 5 barge loads were placed between CG14(67+91) and CG15(72+75) advancing 234 feet
The Dredge 542 is excavating the Oil Access Canal between CM40(99+38) and CG21(101+80).
The Linkbelt 418 operated 11:00 excavating the oil infastructure access canal between CM23(111+48) and CG46 advancing 120 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction
Jason Manthey, Gordon Thomson,and Brain Kendrick were on site.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 10:00AM to 11:00AM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG23(111+48) to CG29(140+51) The ATV was used to patrol from CG10(48+56) to CG22(106+64). . No nesting birds were found.
Daily Patrol - 3:00PM to 4:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88) and CG23(111+48) to CG29(140+51) The ATV was used to patrol from CG10(48+56) to CG22(106+64). . No nesting birds were found.
While placing grade stakes along the beach and marsh areas the survey crew has been instructed to take note of any nesting activity.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use proper eye protection when required.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	528.58	20.50	549.08
Downtime Hours (Explain Below)	375.10	3.50	378.60
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
2:00 - 2:40 service machine
6;20 - 8:20 repairs to bucket
12:05 - 12:55 service machine

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/4/2006 Report # 193

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 75 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction S

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to 2	Feet	0.50	AM
Fill Area	1 to 2	Feet	1.80	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune
The Dredge 542 operated 22:05 loading material from the access canal on to the mud barge. The Dredge 542 loaded 5 mud barge(s) on this day. The 5 barge loads were placed between CG14(67+91) and CG15(72+75) advancing 210 feet.
The Dredge 542 is excavating the Oil Access Canal between CM40(99+38) and CG21(101+80).
The Linkbelt 418 operated 10:30 excavating the oil infastructure access canal between CM46 and CG24(116+32) advancing 110 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Down for repairs
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 7:00AM to 8:00AM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled from CG1 (5+00) to CG8(38+88). The ATV was used to patrol CG23(111+48) to CG29(140+51) and CG10(48+56) to CG22(106+64). No nesting activity was observed.
Daily Patrol - 4:00PM to 5:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled. The ATV was used to patrol the east end of the jobsite. The inspector with CPE was present during the bird patrol. The west end of the job was also patroled on this day. No nesting activity was observed.

While placing grade stakes along the beach and marsh areas the survey crew has been instructed to take note of any nesting activity.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use proper eye protection when required.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	549.08	22.08	571.16
Downtime Hours (Explain Below)	378.60	1.92	380.52
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
2:10 - 2:50 service machine
11:30 - 12:30 service machine
17:15 - 17:30 adjust load friction

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/5/2006 Report # 194

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Rain TEMPERATURE: Min. 75 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction S

WAVE HEIGHT AT: TIDE:

Borrow Site	2 to 3	Feet	0.50	AM
Fill Area	2 to 3	Feet	1.00	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 19:40 loading material from the access canal on to the mud barge. The Dredge 542 loaded **5** mud barge(s) on this day.
The 3 barge loads were placed between CG15(72+75) and CG16(77+60) advancing 110 feet
2 barge loads were placed between CG17(82+44) and CG18(87+28) advancing 75 feet.
The Dredge 542 is excavating the Oil Access Canal between CG21(101+80) and CM42.
The Linkbelt 418 operated 10:30 excavating the oil infastructure access canal between CM46 and CG24(116+32) advancing 132 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.
2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Boat BT 511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - towing 542 and mud barge
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:30AM to 7:30AM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled. The ATV was used to patrol the east end of the job site and the central beach. The west end was patroled on foot. No nesting activity was observed.
Daily Patrol - 3:00PM to 4:00PM - Daily bird patrol conducted on this day. The beach and along the marsh was patroled. The ATV was used to patrol the east end of the jobsite and the central beach.
No nesting activity was observed.
While placing grade stakes along the beach and marsh areas the survey crew has been instructed to report any nesting activity.
5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to wear life vest when working outside the hand rails.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	571.16	19.67	590.83
Downtime Hours (Explain Below)	380.52	4.33	384.85
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
10:00 - 13:45 delayed waiting on tug boat to return from the bay with the water barge
20:50 - 21:15 delayed waiting on tug boat to return from towing water barge away from quarter barge.

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit N NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/6/2006 Report # 196

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear TEMPERATURE: Min. 75 Max. 83

WIND SPEED: 5.00 to 10.00 MPH Direction S

WAVE HEIGHT AT: TIDE:

Borrow Site	2 to 3	Feet	0.40	AM
Fill Area	2 to 3	Feet	1.50	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TC NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 22:25 loading material from the access canal on to the mud barge. The Dredge 542 loaded **4** mud barge(s) on this day. Four barge loads were towed to and placed between CG15(72+75) and CG16(77+60) advancing 75 feet.
The Dredge 542 is excavating the Oil Access Canal between CG21(113+03) and CM42.
The Linkbelt 418 operated 11:00 excavating the oil infastructure access canal between CG24(116+32) and CM48 advancing 140 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction
Weeks survey placed grade stakes along the back dike to aid the Linkbelt 418 with dike construction

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - towing Dredge 542 and mud barge.
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 6:15AM to 7:45AM Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patroled with the ATV. The western beach was also patroled on this day. No nesting activity was observed.
Daily Patrol - 3:00PM to 4:00PM - Daily bird patrol conducted on this day. The eastern beach and central beach along the marsh and shore line was patroled on the ATV. The western beach was also patroled on this day. No nesting activity was observed.
While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded to use caution when handling ropes on tug.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	593.58	22.42	616.00
Downtime Hours (Explain Below)	382.52	1.58	384.10
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
2:10 - 3:00 service machine
7:15 - 7:30 grease bucket
14:10 - 14:40 service machine

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit N NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

Stong wind, high tide, and rain on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/7/2006 Report # 197

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy\Rain TEMPERATURE: Min. 75 Max. 80

WIND SPEED: 5.00 to 10.00 MPH Direction S

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to2	Feet	1.00	AM
Fill Area	1 to2	Feet	1.50	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 22:45 loading material from the access canal on to the mud barge. The Dredge 542 loaded **4** mud barge(s) on this day. Four barge loads were towed to and placed between CG15(72+75) and CG16(77+60) advancing 50 feet. The Dredge 542 is excavating the Oil Access Canal between CG21(113+03) and CM42.
The Dredge 542 also moved down to CG9 to CG6 to repair areas that were washed out during the bad weather on 5-1-206.
The Linkbelt 418 operated 10:30 excavating the oil infastructure access canal between CG24(116+32) and CM48 advancing 80 feet. The 418 is excavating only a portion of the canal to gain access to the east end of the jobsite.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.
2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction
Weeks survey placed grade stakes along the back dike to aid the Linkbelt 418 with dike construction

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike/Excavating Oil Access Canal
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Excavating Oil Access Canal
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - towing Dredge 542 and mud barge.
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542 and mud barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 6:30AM to 7:15AM Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patroled with the ATV. The western beach was also patroled on this day. No nesting activity was observed.
Daily Patrol - 5:00PM to 6:00PM - Daily bird patrol conducted on this day. The eastern beach and central beach along the marsh and shore line was patroled on the ATV. The western beach was also patroled on this day. No nesting activity was observed.
While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the Oil Access Canal. The Dredge 542 also moved down to CG9 to CG6 to repair areas that were washed out during the bad weather on 5-1-206.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All employees were reminded use caution when working around operating equipment.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	616.00	22.75	638.75
Downtime Hours (Explain Below)	384.10	1.25	385.35
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
13:20 - 13:30 grease bucket
15:00 - 15:45 service machine
17:00 - 17:10 grease bucket
22:20 - 22:30 grease bucket

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit N NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

Stong wind, high tide, and rain on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/8/2006 Report # 198

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy\Rain TEMPERATURE: Min. 75 Max. 80

WIND SPEED: 5.00 to 20.00 MPH Direction S

WAVE HEIGHT AT: TIDE:

Borrow Site	1 to2	Feet	1.45	AM
Fill Area	1 to2	Feet	2.35	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TC NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 22:23 this date. The dredge worked between CG-2 and CG-11 capping low spots in the primary dike that washed out during the recent bad weather that occurred on 5-1-06.
No barges were loaded this date.
No excavation was performed in the OIAC this date.

The Linkbelt 418 did not perform any excavation this date.
The Linkbelt 418 worked assisting repairs and maintenance to the material barge.

The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.
2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed grade stakes along the back dike to aid the Dredge 542 with dike construction
Weeks survey placed grade stakes along the back dike to aid the Linkbelt 418 with dike construction

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Maintenance and repairs.
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - towing Dredge 542
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Hellen towing Dredge 542.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 6:30AM to 7:15AM Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patroled with the ATV. The western beach was also patroled on this day. The beach was also patroled by Rachel Sweeney. No nesting activity was observed.
Daily Patrol - 5:00PM to 6:00PM - Daily bird patrol conducted on this day. The eastern beach and central beach along the marsh and shore line was patroled on the ATV. The western beach was also patroled on this day. No nesting activity was observed.
While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the designated borrow area.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
A daily walk thru safety inspection on the barges was conducted with only housekeeping deficiencies noted.
All employees were reminded use caution when working around operating equipment.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	638.75	22.38	661.13
Downtime Hours (Explain Below)	385.35	1.62	386.97
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
2:15 - 2:40 service machine
6:27 - 6:39 grease bucket
12:00 - 12:45 fuel & service machine
3:25 - 3:40 grease bucket

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit N NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and an conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

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CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/9/2006 **Report #** 199

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy & windy **TEMPERATURE:** Min. 75 Max. 83

WIND SPEED: 5.00 to 20.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 2	Feet	1.50	AM
Fill Area	1 to 2	Feet	0.80	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 22:10 this date. The dredge worked excavating the OIAC between CG-21 and CM-42.
The excavated material was put into barges and deposited in the primary dike
between CG-15 and CG-16 (4 barges) and also between CG-19 and CM-38. A total of 5 barges were loaded and hauled this date.
The Linkbelt 418 worked 3 hours excavating the OIAC between CG-24 and CM-48 advancing 30 feet and built the adjacent primary dike for the same reach.
The Linkbelt 418 also worked assisting repairs and maintenance to the material barge and helped move the quarters barge and anchors to a new location.
The Marsh Buggy 878 worked 11 hours capping primary dike between CG-28B and CG-29 and CG-28 to CG-28A .
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew placed grade stakes along the back dike to aid with the dike construction.
The Weeks 878 Marshbuggy was able to achieve the required dike height in the areas that it worked today.
The Dredge 542 added more material to the primary dike located across Robinson Canal but was still unable to achieve the required dike height, the material is not stacking up, it is spreading out.
The beach area was too rough to perform any surveys today.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Maint.and repairs, Const.Primary Dike & Excavating the OIAC
Weeks 878 Marsh Buggy-Constructing Primary Dike (Capping)
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - towing Dredge 542 & Material Barge
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen towing Dredge 542 & Material Barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 6:30AM to 7:15AM Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. No nesting activity was observed.
Daily Patrol - 4:00PM to 5:00PM - Daily bird patrol conducted on this day. The eastern beach and central beach along the marsh and shore line was patroled on the ATV. The western beach was also patroled on this day. No nesting activity was observed.
While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
A daily walk thru safety inspection on the barges was conducted with only housekeeping deficiencies noted.
The quarters barge anchor bouy wires were cut and shortened this date as a safety precaution.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	661.13	22.16	683.29
Downtime Hours (Explain Below)	386.97	1.84	388.81
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
1:10 - 1:40 service machine
11:30 - 12:15 Weld lacings on boom
12:15 - 12:50 fuel & service machine

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/10/2006 **Report #** 200

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy & windy **TEMPERATURE:** Min. 74 Max. 81

WIND SPEED: 5.00 to 15.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE:

1.80	AM
0.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 17:40 this date. The dredge worked excavating the OIAC between CM-42 and CG-22. The excavated material was put into barges and deposited in the primary dike between CG-18A and CG-19 (6 barges). A total of 11 barges were loaded and hauled this date.
The Linkbelt 418 worked 3 hours excavating the OIAC between CM-48 and CG-25 advancing 60 feet and built the adjacent primary dike for the same reach.
The Marsh Buggy 878 worked 11 hours capping primary dike between CG-28 and CG-29.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew placed grade stakes along the back dike to aid with the dike construction.
The Weeks 878 Marshbuggy was able to achieve the required dike height in the areas that it worked today.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Maint.and repairs, Const.Primary Dike & Excavating the OIAC
Weeks 878 Marsh Buggy-Constructing Primary Dike (Capping)
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - towing Dredge 542 & Material Barge
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen towing Dredge 542 & Material Barge.

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - 1:30PM to 2:30PM Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. No nesting activity was observed. No dive bombing.
Daily Patrol - 5:00PM to 6:00PM - Daily bird patrol was attempted , but due to mechanical problems with boat was unsuccesful.
While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The capt. John was inspected today for any leaks in the engine room.
Everything was working properly.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	661.13	17.67	678.80
Downtime Hours (Explain Below)	386.97	6.33	393.30
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

2:35 -3:30	service machine
3:35 - 4:35	Snub tag line
8:30 - 8:45	Grease bucket
12:30 - 13:30	Fuel and service mach. Check
14:20 - 17:30	Tighten main drive chain on 542

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/11/2006 **Report #** 201

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy & windy **TEMPERATURE:** Min. 74 Max. 81

WIND SPEED: 5.00 to 25.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE:

1.30	AM
0.80	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 18:31 this date. The dredge worked excavating the OIAC between CM-42 and CG-22. The excavated material was put into barges and deposited in the primary dike between CG-18A and CG-19 (6 barges). A total of 6 barges were loaded and hauled this date.
The Linkbelt 418 worked 10 hours excavating the OIAC between CM-48 and CG-25 advancing 65 feet and built the adjacent primary dike for the same reach.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 did not operate on this day.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew placed grade stakes along the back dike to aid with the dike construction.
The Dredge 542 continued to work constructing the canal closure at CG-18A, the canal was closed off but the dike is not up to grade yet. It will require multible small lifts.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Const.Primary Dike & Excavating the OIAC
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - towing Dredge 542 & Material Barge
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - Standby

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol - No morning bird patrol was performed this morning due to equipment failure.

Daily Patrol - 5:00PM to 6:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The quarters barge was inspected this date and found to need some general housekeeping on the outside decks. The decks were cleared of accumulated debris.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	678.80	18.52	697.32
Downtime Hours (Explain Below)	393.30	5.48	398.78
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

2:00 -2:30	service machine
4:00 - 5:00	Weather delay
6:50 - 8:45	Wait on tug to move quarters barge
9:15 - 9:30	grease bucket
12:00-12:39	fuel and service machine
2:15-3:25	change closing line and repair load line

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/12/2006 **Report #** 202

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 74 Max. 81

WIND SPEED: 5.00 to 15.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 2	Feet	1.30	AM
Fill Area	1 to 2	Feet	0.50	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 21:30 this date. The dredge worked excavating the OIAC between CM-42 and CG-22. The excavated material was put into barges and deposited in the primary dike between CG12 and CG13 and between CG18A and CG18. A total of 6 barges were loaded and hauled this date.

The Linkbelt 418 worked 10 hours excavating the OIAC between CM-48 and CG-25 advancing 50 feet and built the adjacent primary dike for the same reach.

The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 operated 8:00 tracking to the west end of the job site and constructing 50 feet of primary dike.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew placed grade stakes along the back dike to aid with the dike construction.
C&C was on site on this day, it was reported that they completed the gaps in their survey.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Const.Primary Dike & Excavating the OIAC
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - towing Dredge 542 & Material Barge
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - Standby

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 10:30AM to 12:30PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:00PM to 6:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The fire extinguishers on the Dredge 542 were inspected on this day.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	697.32	21.50	718.82
Downtime Hours (Explain Below)	398.78	2.50	401.28
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

1:03 - 1:35	service machine
1:40 - 1:50	grease bucket
10:00 - 10:15	grease bucket
11:30 - 12:45	unload equipment and supplies from crew boat
12:45 - 13:30	service machine
14:50 - 15:10	fuel crew boat
18:00 - 18:10	grease bucket

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/13/2006 **Report #** 203

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 74 Max. 81

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE:

1.20	AM
0.30	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 22:45 this date. The dredge worked excavating the OIAC between CM-44 and CG-23. The excavated material was put into barges and deposited in the primary dike between CG12 and CG13 and between CG17 and CG18. A total of 7 barges were loaded and hauled this date.

The Linkbelt 418 worked 11:00 excavating the OIAC between CG-25 and CG25A advancing 100 feet and built the adjacent primary dike for the same reach. The Linkbelt 418 is excavating material from in front of the Hunt Petroleum Structure to construct the dike. The work is being done under Hunt Oil's permit number C.U.P# P20050134 COE#MVN-2005-504-EKK.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 operated 12:00 constructing 600 feet of primary dike along the south west corner.
2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew placed grade stakes along the back dike to aid with the dike construction.
Weeks survey also performed layout for back dike from CM48 to CG25A.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Const.Primary Dike & Excavating the OIAC
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - towing Dredge 542 & Material Barge
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - Standby

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 7:30AM to 8:45PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:00PM to 6:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded to keep walkways clear of tripping hazards.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	718.82	22.75	741.57
Downtime Hours (Explain Below)	401.28	1.25	402.53
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
1:00 - 1:35 service machine
13:15 - 13:45 service machine
21:35 - 21:45 grease bucket

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/14/2006 **Report #** 204

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 74 Max. 81

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

1.50	AM
-0.10	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 18:00 this date. The dredge worked excavating the OIAC between CM-44 and CG-23. The excavated material was put into barges and deposited in the primary dike between CG13 and CG14. A total of 4 barges were loaded and hauled this date.

The Linkbelt 418 worked 10:00 excavating the OIAC between CG-25 and CG25A advancing 75 feet and built the adjacent primary dike for the same reach. The Linkbelt 418 is excavating material from in front of the Hunt Petroleum Structure to construct the dike. The work is being done under Hunt Oil's permit number C.U.P# P20050134 COE#MVN-2005-504-EKK.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 operated 11:00 constructing 150 feet of primary dike along the north west corner.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew placed grade stakes along the back dike to aid with the dike construction.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Const.Primary Dike & Excavating the OIAC
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Standby, rope in wheel
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:45AM to 7:45PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 4:30PM to 5:30PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded to use caution when working around operating equipment.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	741.57	18.00	759.57
Downtime Hours (Explain Below)	402.53	6.00	408.53
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

9:00 - -9:30	grease bucket
13:00 - 14:00	service machine
16:00 - 17:30	rope caught in wheel of Captain John
22:00 - 24:00	low tide

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/15/2006 **Report #** 205

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 75 Max. 82

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	2 to 4	Feet
Fill Area	2 to 4	Feet
Wave Direction	S	

TIDE:

2.00	AM
0.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 21:55 this date. The dredge worked excavating the OIAC between CM-44 and CG-23.
The excavated material was put into barges and deposited in the primary dike between CG14 and CG15.
The excavated material was also placed on the primary dike between CG18 and CM38.
A total of 4 barges were loaded and hauled this date.
The Linkbelt 418 worked 11:00 excavating the OIAC between CG-25 and CG25A advancing 75 feet and built the adjacent primary dike for the same reach. The Linkbelt 418 is excavating material from in front of the Hunt Petroleum Structure to construct the dike. The work is being done under Hunt Oil's permit number C.U.P# P20050134 COE#MVN-2005-504-EKK.
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 operated 11:00 placing a second lift on the primary dike along the north west corner, advancing 100 feet.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey crew placed grade stakes along the back dike to aid with the dike construction.
Weeks survey placed stakes 20' each side of a Hunt 4" inch line located around CG26.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Const.Primary Dike & Excavating the OIAC
Weeks 878 Marsh Buggy-Standby
Weeks 879 Marsh Buggy -Standby
ATV-bird patrol
Captain John - Standby, rope in wheel
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:00AM to 7:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:00PM to 6:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Dredge 542 held a safety meeting on "Pinch Points".

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	759.57	21.83	781.40
Downtime Hours (Explain Below)	408.53	2.17	410.70
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:30 - 8:50	fuel up Miss Helen
10:00 - 11:00	repairs to mud barge
22:45 - 24:30	service machine

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/16/2006 **Report #** 206

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 75 Max. 80

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

1.50	AM
-0.30	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 16:15 this date. The dredge worked excavating the OIAC between CG23 and CM46.
The excavated material was put into barges and deposited in the back dike between CG14 and CG15.
A total of 3 barges were loaded and hauled this date.

The Linkbelt 418 was relocated to CG28 to begin back dike construction. The material for the dike construction will be hauled from OIAC. No barges were hauled to the Linkbelt 418 on this day.

The Marsh Buggy 878 operated 6:00 repairing a 40' section of the back dike at CG28B.
The Marsh Buggy 879 operated 6:00 constructing the back dike along the west end of the jobsite the 879 advanced 50 feet.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade stakes from CG27 to CG28 to aid the Linkbelt 418 with dike construction.
Weeks survey also placed additional grade stakes to aid the Dredge 542 with dike construction.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - relocated to CG28
Weeks 878 Marsh Buggy--constructing back dike
Weeks 879 Marsh Buggy -constructing back dike
ATV-bird patrol
Captain John - Standby, rope in wheel
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:15AM to 7:15PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 4:00PM to 5:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded life vest when working outside of the hand rails.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	781.40	16.25	797.65
Downtime Hours (Explain Below)	410.70	7.75	418.45
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

13:30 - 14:15 service machine
17:00 - 24:00 delay, no operator for the night shift

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

There was no night shift on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/17/2006 **Report #** 207

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 68 Max. 79

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

1.50	AM
-0.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 11.42h on this day. The dredge worked excavating the OIAC between CM46 to CG24.
The excavated material was put into barges and depossited in the back dike between CG15 to CG16.
Then excavated material and put matreial on the back dike between CG20 to CM40.It load 4 barges

The Linkbelt 418 was relocated to CG28 to begin back dike construction. The material for the dike construction will be hauled from OIAC. Unload one barge on dike by Linkbelt 418 on this day

The Marsh Buggy 878 didn't operate to day
The Marsh Buggy 879 didn't operate to day

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey put channel closing sign at the three channel we have closed
Weeks survey also placed additional tide maker to aid in 542 digging

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - relocated to CG28
Weeks 878 Marsh Buggy--constructing back dike
Weeks 879 Marsh Buggy -constructing back dike
ATV-bird patrol
Captain John - Standby, rope in wheel
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:30AM to 7:30AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 4:30PM to 5:30PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded life vest when working outside of the hand rails.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	797.65	11.42	809.07
Downtime Hours (Explain Below)	418.45	12.58	431.03
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

15:00 - 15:35 fuel &oil equipment
17:00 - 24:00 delay, no operator for the night shift

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

There was no night shift on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/18/2006 **Report #** 208

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 69 Max. 80

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	0 to 2	Feet
Fill Area	0 to 2	Feet
Wave Direction	S	

TIDE:

-1.00	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 9.00h this date. The dredge worked excavating the OIAC between CM46 and CG24.
The excavated material was put into barges and depossited in the back dike between CG17 to CG18.
Then excavated material and put matreial on the back dike between CG21 to CM42.It load 3.5 barges.

The Linkbelt 418 was relocated to CG27 to CG28. The material for the dike construction will be
hauled from OIAC. Unload one barge of material on back of dike.

The Marsh Bugg y 878 didn't operate to day
The Marsh Bugg y 879 didn't operate to day

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey checked water depth in front of 542
Weeks survey also placed additional grade stakes to aid the Linkbelt 418 with dike construction.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether
or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - relocated to CG28
Weeks 878 Marsh Buggy--constructing back dike
Weeks 879 Marsh Buggy -constructing back dike
ATV-bird patrol
Captain John - Standby, rope in wheel
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 8:00AM to 9:00AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 3:30PM to 4:30PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded life vest when working outside of the hand rails.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	809.07	9.00	818.07
Downtime Hours (Explain Below)	431.03	15.00	446.03
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

11:00 - 11:40 The closing cable on the bucket got jam in shev / welded on pin / grease bucket
14:20 - 14:40 Fix spud cables
15:00 - 17:00 Replaced cable on bucket / welded on bucket
17:00 - 24:00 delay, no operator for the night shift

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

There was no night shift on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/19/2006 **Report #** 209

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 70 Max. 79

WIND SPEED: 6.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	0 to 2	Feet
Fill Area	0 to 2	Feet
Wave Direction	S	

TIDE:

-0.50	AM
1.50	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 11.17h this date. The dredge worked excavating the OIAC between CM46 and CG24.
The excavated material was put into barges and deposited in the back dike between CG18A to CG19.
Then excavated material and put matreial on the back dike between CG42 to CG22.It load 2 barges & unload 1 barges.

The Linkbelt 418 was relocated to CG27 to CG28. The material for the dike construction will be hauled from OIAC. Unload two barge of material on back of dike.

The Marsh Bugg y 878 didn't operate to day
The Marsh Bugg y 879 didn't operate to day

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey checked water depth in front of 542
Weeks survey also put out tide guide.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - build dike between CG28 to CG27
Weeks 878 Marsh Buggy--constructing back dike
Weeks 879 Marsh Buggy -constructing back dike
ATV-bird patrol
Captain John - Standby, rope in wheel
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 8:30AM to 9:30AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 4:00PM to 5:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded hard hats and life vest when working outside of the hand rails.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	818.07	11.17	829.24
Downtime Hours (Explain Below)	446.03	12.83	458.86
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:20 - 8:30	Grease bucket
12:00 - 12:40	serviced machine and fuel
17:00 - 24:00	delay, no operator for the night shift

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

There was no night shift on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/20/2006 **Report #** 210

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 72 Max. 82

WIND SPEED: 4.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet		-0.25	AM
Fill Area	1 to 3	Feet		1.50	PM
Wave Direction	S				

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 10.25h this date. The dredge worked excavating the OIAC between CM46 and CG24.
The excavated material was put into barges and sending to the linkbelt to be unload.
Then excavated material and put matreial on the back dike between CM42 to CM44.It load 2 barges.

The Linkbelt 418 was relocated to CG27 to CG28. The material for the dike construction will be
hauled from OIAC. Unload two barge of material on back of dike.

The Marsh Bugg y 878 didn't operate to day
The Marsh Bugg y 879 didn't operate to day

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey checked water depth in front of 542

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether
or not used and if operable.)
ATV-bird patrol
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - build dike between CG28 to CG27
Weeks 878 Marsh Buggy--constructing back dike
Weeks 879 Marsh Buggy -constructing back dike
Captain John - Standby, rope in wheel
Crew Boat-511
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 7:00AM to 8:00AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 3:00PM to 4:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded hard hats and life vest when working around the machines

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	818.07	10.25	828.32
Downtime Hours (Explain Below)	446.03	13.75	459.78
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:30 - 9:00	Grease bucket
11:30 - 12:45	serviced machine and fuel
17:00 - 5:00	delay, no operator for the night shift

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

There was no night shift on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/21/2006 **Report #** 211

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 70 Max. 84

WIND SPEED: 6.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT: **TIDE:**

Borrow Site	2 to 5	Feet	0.00	AM
Fill Area	2 to 5	Feet	1.50	PM
Wave Direction	S			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 6.17h this date. The dredge worked excavating the OIAC between CM46 and CG24.
The excavated material was put into barges and sending to the linkbelt to be unload.
Then excavated material and put matreial on the back dike between CG22 to CM44.It load 2 barges.

The Linkbelt 418 was relocated to CG27 to CG28. The material for the dike construction will be
hauled from OIAC. Unload two barge of material on back of dike.

The Marsh Bugg y 878 didn't operate to day
The Marsh Bugg y 879 didn't operate to day

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey checked water depth in front of 542

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether
or not used and if operable.)
ATV-bird patrol
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - build dike between CG28 to CG27
Weeks 878 Marsh Buggy--constructing back dike
Weeks 879 Marsh Buggy -constructing back dike
Captain John - Standby, rope in wheel
Crew Boat-511
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 7:30AM to 8:30AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 3:30PM to 4:30PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded watch the cables on the machines.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	828.32	6.17	834.49
Downtime Hours (Explain Below)	459.78	17.83	477.61
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

5:30 to 9:20	Changed bucket and replace closing cable,greased , inpected the bucket
12:00 to 2:00	serviced machine, fuel,clean out the radiator
17:00 - 5:00	delay, no operator for the night shift

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

There was no night shift on this day.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/22/2006 **Report #** 212

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 72 Max. 86

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	0 to 4	Feet
Fill Area	0 to 4	Feet
Wave Direction	S	

TIDE:

-0.50	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 9.00h this date. The dredge worked excavating the OIAC between CM44 and CG23. The excavated material was put into barges and building primary dike.He load 3 barges and sent them to the linkbelt. He advance 170 ft between CM44 to CG23.

The Linkbelt 418 was working between CG27 to CG28. The material for the dike construction is being hauled from OIAC. Unload three barge of material to base in closer. He operated for 10.50h on this day.

The Marsh Bugg 878 didn't operate to day
The Marsh Bugg y 879 didn't operate to day

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey checked grade on OIAC
Weeks survey add additional grade for primary dike

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Constructing Primary Dike
Weeks 878 Marsh Buggy--constructing back dike
Weeks 879 Marsh Buggy -constructing back dike
Captain John - Standby, rope in wheel
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:00AM to 7:00AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 4:00PM to 5:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded watch the cables on the machines.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	834.49	9.00	843.49
Downtime Hours (Explain Below)	477.61	15.00	492.61
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

7:30 -8:30	cut cable on bucket and greased bucket
11:00-12:45	serviced machine, fuel, and drain pan under 542
16:00-16:15	greased bucket
17:00-5:00	No night time operations needed

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/23/2006 **Report #** 213

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 91

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 5	Feet
Fill Area	1 to 5	Feet
Wave Direction	N	

TIDE:

-1.00	AM
1.00	PM

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 10.50h excavating the OIAC between CG23 and CM46 advancing 216 feet.
The excavated material was placed into 3 barges and hauled to the Linkbelt 418. The Dredge 542 also capped the primary dike for same reach.

The Linkbelt 418 operated 10.50h on this day. The Linkbelt 418 constructed primary dike between CG27 to CG28
The material for the dike construction is being hauled from OIAC on 3 barge.

The Marsh Buggy 878 didn't operate to day
The Marsh Buggy 879 didn't operate to day

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Weeks survey placed additional grade for primary dike
Weeks survey took check cross sections on OIAC between CM38 to CG23

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Constructing Primary Dike
Weeks 878 Marsh Buggy--constructing back dike
Weeks 879 Marsh Buggy -constructing back dike
Captain John - Standby, rope in wheel
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 5:30AM to 6:30AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 3:00PM to 4:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded watch the cables on the machines.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	843.49	10.50	853.99
Downtime Hours (Explain Below)	492.61	13.50	506.11
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

12:00 - 13:30 fuel up ,greased bucket on 542, and greased machine
17:00 - 5:00 No night time operations needed

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/24/2006 **Report #** 214

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 92

WIND SPEED: 3.00 to 8.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	0 to 4	Feet		1.50	AM
Fill Area	0 to 4	Feet		-1.00	PM
Wave Direction	N				

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 9.42h excavating the OIAC between CM46 and CG24 advancing 86 feet.
The excavated material was placed into 3 barges and hauled to the Linkbelt 418. The Dredge 542 also capped the primary dike for same reach.

The Linkbelt 418 operated 10.00h on this day. The Linkbelt 418 constructed primary dike between CG27 to CG28
The material for the dike construction is being hauled from OIAC on 3 barge.
The crew of the dredge "Tom James" worked installing submerged dredge pipeline starting at the beach at CG6 and progressing towards the offshore borrow area. A total of 6 pieces of pipeline 720 feet long each were layed. (4,320' total)

The Marsh Buggy 878 didn't operate to day
The Marsh Buggy 879 assisted with shore pipe for 6h.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Weeks survey placed additional grade for primary dike
Weeks survey took center line profile of primary dike between CG12 to CG18A

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542-Constructing Primary Dike & Excavating the OIAC
Weeks Linkbelt Dragline 418 on deck barge KS 100 - Constructing Primary Dike
Weeks 878 Marsh Buggy--constructing back dike
Weeks 879 Marsh Buggy -constructing back dike
Captain John - moving barges
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:00AM to 7:00AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 3:30PM to 4:30PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 was operating on this day constructing back dike with material from the OIAC.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded watch the cables on the machines.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	853.99	9.42	863.41
Downtime Hours (Explain Below)	506.11	14.58	520.69
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

11:30 - 12:50 fuel up ,greased bucket on 542, and greased machine
13:15 - 14:30 unload bucket from another barge
17:00 - 5:00 No night time operations needed

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/25/2006 **Report #** 215

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 0.00 to 5.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	0 to 4	Feet	1.50	AM
Fill Area	0 to 4	Feet	-0.50	PM
Wave Direction	N			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 was delayed on this day to assist with off loading equipment barges.
The Linkbelt 418 operated 9.00h unloading equipment barges.
The Marsh Buggy 878 didn't operate to day
The Marsh Buggy 879 operated 6:00 unloading equipment barges

The Tom James laid 7 joints of submerge pipe.Each pipe 720' long so for this day the total was 5040' .

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey took cross section of OIAC
Weeks survey placed additional grade for primary dike

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542- down being work on
Weeks Linkbelt Dragline 418 on deck barge KS 100 - unload barges
Weeks 878 Marsh Buggy--
Weeks 879 Marsh Buggy -unload equipment barges
Captain John - moving barges
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 5:00AM to 6:00AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 3:00PM to 4:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 assiting with equipment barges.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded watch the cables on the machines.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	863.41	0.00	863.41
Downtime Hours (Explain Below)	520.69	24.00	544.69
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

5:00 - 17:00 Unloading equipment barges, and routine maintainence
17:00 - 5:00 No night time operations needed

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/26/2006 **Report #** 216

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 92

WIND SPEED: 0.00 to 5.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	0 to 4	Feet	2.00	AM
Fill Area	0 to 4	Feet	0.50	PM
Wave Direction	N			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated for 2.00h loading mud barge and working on capping primary dike between CM38 to CG20

The Linkbelt 418 operated 3.00h unloading 1 mud barges on primary dike between CG18A to CG19.

The Marsh Buggy 878 work on primary dike between CG28A to CG28B

The Marsh Buggy 879 work on shore pipe.

The Tom James laid 6 joints of submerge pipe.Each pipe 720' long so for this day the total was 4320' .

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Weeks survey placed additional grade for primary dike

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542- loaded barges and capped primary dike
Weeks Linkbelt Dragline 418 on deck barge KS 100 - unload barges
Weeks 878 Marsh Buggy--work primary dike
Weeks 879 Marsh Buggy -work the shore
Captain John - moving barges
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:00AM to 7:00AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 4:00PM to 5:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 loaded barges and capped primary dike

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded watch the cables on the machines.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	863.41	2.00	865.41
Downtime Hours (Explain Below)	544.69	24.00	568.69
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

6:00 - 13:00 pump fuel,finish bolting case, and clean barge
13:00 - 14:00 repair, and replaced hoist brake
14:00 - 16:00 change tagline
17:00 - 5:00 No night time operations needed

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/27/2006 **Report #** 217

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 0.00 to 5.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	0 to 4	Feet		1.80	AM
Fill Area	0 to 4	Feet		-0.60	PM
Wave Direction	N				

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated for 8.25h loading 2 material barge and working on capping primary dike between CG20 to CM40

The Linkbelt 418 operated 10.00h unloading 2 mud barges on primary dike between CG18A to CG19.

The Marsh Buggy 878 didn't operated

The Marsh Buggy 879 work on shore pipe.

The Tom James laid 4 joints of submerge pipe.Each pipe 720' long so for this day the total was 2880' .
Tom James finish laiding submerge pipe.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Weeks survey placed additional grade for primary dike

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542- loaded barges and capped primary dike
Weeks Linkbelt Dragline 418 on deck barge KS 100 - unload barges
Weeks 878 Marsh Buggy--work primary dike
Weeks 879 Marsh Buggy -work the shore
Captain John - moving barges
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:30AM to 7:30AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 3:30PM to 4:30PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 loaded barges and capped primary dike

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded watch the cables on the machines.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	865.41	8.25	873.66
Downtime Hours (Explain Below)	566.69	15.45	582.14
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

6:00 - 6:30	checked spud cables
10:35 - 12:00	took on fuel
12:30 - 13:00	serviced machine
15:45 - 16:05	bolted 3rd drum to the 542
17:00 - 5:00	No night time operations needed

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/28/2006 **Report #** 218

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 81 Max. 97

WIND SPEED: 0.00 to 5.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to5	Feet		2.20	AM
Fill Area	1 to5	Feet		-0.50	PM
Wave Direction	N				

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated for 9.58h capping primary dike between CG9 to CG10

The Linkbelt 418 operated 11.00h load material barge between CM46 to CG24 and unload material barge between CG15 to CG16. Linkbelt is capping a closer.

The crew of the dredge Tom James performed a before dredging survey of the offshore borrow area and placed lighted marke bouys along the perimeter as required.
The crew also worked preparing the dredge 'Tom James' and its floating rubber pipeline for dredging (stripping) operations.
The Marsh Buggy 879 worked helping assemble the y-valves.
The Marsh Buggy 878 didn't operated

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Weeks survey placed additional grade for primary dike

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542- loaded barges and capped primary dike
Weeks Linkbelt Dragline 418 on deck barge KS 100 - unload barges
Weeks 878 Marsh Buggy-- didn’t work on this day
Weeks 879 Marsh Buggy -work the shore
Captain John - moving barges
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - towing Dredge 542 & Material Barge

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:00AM to 7:00AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 4:00PM to 5:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 loaded barges and capped primary dike

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded watch the cables on the machines.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	873.66	9.58	883.24
Downtime Hours (Explain Below)	582.14	14.42	596.56
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

6:30 - 7:00	set keepers on third drum
7:05 - 7:35	greased bucket and turned bolt around in load socket
11:40 - 12:10	fueled caption john
12:10 - 12:50	fueled and serviced 542
15:00 - 15:15	greased bucket
17:00 - 5:00	No night time operations needed

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/29/2006 **Report #** 219

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 85 Max. 97

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet		2.50	AM
Fill Area	1 to 3	Feet		-0.50	PM
Wave Direction	N				

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The Dredge 542 operated 11.0 hours capping primary dike between CG9 and CG10 The Dredge 542 also loaded 2 barges and capped the primary dike between CM46 to CG24.

The Linkbelt 418 operated 10.5 hours off loading 2 material barges between CG15 and CG16. The Linkbelt418 is placing a lift on the primary dike.

The Marsh Buggy 878 didn't operated
The Marsh Buggy 879 assisted Tom James with shore pipe.

The dredge Tom James had a 11 hrs. and 20 min. of operating time. They discharged approximately 17,000 cys. of mud, to the side for no pay at an advance of 36.6 ft/hr. All buoy's and discharge locations were checked showing proper locations.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

Weeks survey placed additional grade for primary dike

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542- loaded barges and capped primary dike
Weeks Linkbelt Dragline 418 on deck barge KS 100 - unload barges
Weeks 878 Marsh Buggy-- didn’t work on this day
Weeks 879 Marsh Buggy -work the shore
Captain John - moving barges
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - Idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:30AM to 7:30AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 4:15PM to 4:45PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 loaded barges from the OIAC and capped primary dike along the same reach.

The dredge Tom James started digging at 12:00 A.M.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded to keep walk ways clear of tripping hazards.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours	873.66	9.58	883.24
Downtime Hours (Explain Below)	582.14	14.42	596.56
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
8:00 - 8:15 grease bucket
12:00 - 12:45 service machine

Tom James
16:00 - 16:10 move rubber hose ahead
18:25 - 18:40 Engine room lost power
19:00 - 19:15 move anchors

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 1 Page: 1 of 2 Date: 29-May-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	AREA 1	AREA 2	AREA 3	TOTAL	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	12.00			12.00	12.00						12.00
Operating Time	11.33			11.33	11.33						11.33
% of Total Time	94%			94%	94%						94%
Lost Time	0.67			0.67	0.67						0.67
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	17,000			17,000	17,000						17,000
Adjustments											
Avg. Gross Cys					34,000						1,417
Gross CY/Hr	1,500			1,500	1,500						1,500
Gross Width	300										
% of Gross											
Avg. Gross Face	3.7										
Start Station	7+35				7+35						
End Station	11+50				11+50						
Advance	415			415	415						415
Avg. Advance					35						35
Adv. Ft/Hr	36.6			36.6	37						37
Coverage	124,500			124,500	124,500						
Avg. Coverage					249,000						
Coverage/Hr	10,985			10,985							
Req. Grade + O.D.	18-22										
Dredged Elev.	18- 22										
Set Size	6.0										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	AREA 1	AREA 2	AREA 3	TOTAL	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+75	5.83	225	39	13,000	2,229

EQUIPMENT

Rental Equipment	Delta Fox, Charles Cenac, Emmett Eymard
Tugs	K. Pawg, S. James, J. James, bobby L
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 1 Page: 2 of 2 Date: 29-May-06

ENGINE ROOM & PUMP INFORMATION

	Area 1				Area 2				Area 3			
ITEM	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	225											
Rack	23											
Horsepower	3576											
Exhaust Temp.	743											
Dredge Fuel	3656											
Pump RPM	206											
In Pressure	27											
Out Pressure	62											
Water Vacuum												
Max Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	AREA 1	AREA 2	AREA 3	ITEM	AREA 1	AREA 2	AREA 3
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	29.8		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			
Rubber Line	1	0.17	0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump			
Clean Cutter/Suction			
Anchors	3	0.25	0.25
Traffic			
Move Dredge			
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			
Operational Total	4	0.42	0.42
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical	1	0.25	0.25
Eng Rm In			
Eng Rm Out			
Mechanical Total	1	0.25	0.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	0.67	0.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
16:00	16:10	Move rubber hose ahead	0:10
18:25	18:40	Engine room:lost power	0:15
	0:15	Move anchors 3x	0:15
		TOTAL	0:40

REMARKS:

The Dredge Tom James was towed at 06:00 to job site. After warming engine and adding rubber hose, production started at noon.

Borrow area perimeter buoys and discharge locations were checked showing correct locations. Dredge antenna is located in center of 50' wide dredge 129' from cutter.

Prepared By: Gerald Keller Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/30/2006 **Report #** 220

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 85 Max. 97

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site		Feet		AM
Fill Area	1 to 3	Feet		PM
Wave Direction	N			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The dredge Tom James continued stripping mud for non pay. They had 22 hrs. and 40 min. of operating time.
For a gross of 58,000 cys. With an advance of 820 ft.

The Dredge 542 operated 11.0 hours loading 3 material barges between CM46 and CG24. The 542 also capped the primary dike along the same reach. The Dredge 542 advanced 37 feet.
The Linkbelt 418 operated 10.5 hours off loading 2 material barges. The Linkbelt418 is placing material in the closure between CG25A and CG26
The Marsh Buggy 878 operated 10:00 rehandling material that was stockepiled between CG27 and CG28 back to the primary dike.
The Marsh Buggy 879 assisted Tom James with shore pipe.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade for primary dike and took check sections of the OIAC.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542- loaded barges and capped primary dike
Weeks Linkbelt Dragline 418 on deck barge KS 100 - unload barges
Weeks 878 Marsh Buggy-- didn't work on this day
Weeks 879 Marsh Buggy -work the shore
Captain John - moving barges
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - Idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 7:15AM to 7:50AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:30PM to 6:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 loaded barges from the OIAC and capped primary dike along the same reach.
The dredgeTom James continued stripping mud for non pay.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Dredge 542 held a safety meeting on the subject of "Electrical Safety"

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours(Dredge542)	894.24	11.00	905.24
Downtime Hours(Dredge542)	597.56	1.00	598.56
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
8:30 - 8:45 grease bucket
13:00 - 13:45 service machine

Tom James
6:50 - 7:05 check and grease ladder
14:00 - 14:35 move dredge to cut 2
16:00 - 16:30 move anchors

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NO
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 2 Page: 1 of 2 Date: 30-May-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	AREA 1	AREA 2	AREA 3	TOTAL	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	36.00						36.00
Operating Time	22.67			22.67	34.00						34.00
% of Total Time	94%			94%	94%						94%
Lost Time	1.33			1.33	2.00						2.00
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	58,000			58,000	75,000						75,000
Adjustments											
Avg. Gross Cys					50,000						2,083
Gross CY/Hr	2,559			2,559	2,206						2,206
Gross Width	300										
% of Gross											
Avg. Gross Face	6.4										
Start Station	11+50	5+20									
End Station	16+10	8+80									
Advance	820			820	1,235						1,235
Avg. Advance					823						34
Adv. Ft/Hr	36.2			36.2	36						36
Coverage	246,000			246,000	370,500						370,500
Avg. Coverage					247,000						247,000
Coverage/Hr	10,853			10,853							
Req. Grade + O.D.	18-24										
Dredged Elev.	18-24										
Set Size	6										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	AREA 1	AREA 2	AREA 3	TOTAL	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00:00 AM	11+20	5.83	240	41	12,000	2,057

EQUIPMENT

Rental Equipment	Delta Fox, Charles Cenac, Emmett Eymard
Tugs	K. Pawg, S. James, J. James, bobby L
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 2 Page: 2 of 2 Date: 30-May-06

ENGINE ROOM & PUMP INFORMATION

ITEM	AREA 1				AREA 2				AREA 3			
	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	226											
Rack	24											
Horsepower	2882											
Exhaust Temp.	733											
Dredge Fuel	6516											
Pump RPM	207											
In Pressure	26											
Out Pressure	65											
Water Vacuum												
Max Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	AREA 1	AREA 2	AREA 3	ITEM	AREA 1	AREA 2	AREA 3
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	28.7		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blad	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump			
Clean Cutter/Suction			
Anchors	6	0.50	0.75
Traffic			
Move Dredge	1	0.58	0.58
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			
Operational Total	7	1.08	1.50
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In			
Eng Rm Out	1	0.25	0.25
Mechanical Total	1	0.25	0.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	1.33	2.00

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
06:50	07:05	Check and grease ladder	0:15
14:00	14:35	Move dredge to cut 2	0:35
	00:30	Move anchors 6x	0:30
		TOTAL	1:20

REMARKS:

Prepared By: Gerald Keller

Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 5/31/2006 **Report #** 221

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 85 Max. 97

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT: **TIDE:**

Borrow Site		Feet		AM
Fill Area	1 to 3	Feet		PM
Wave Direction	N			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune

The dredge Tom James continued stripping mud for non pay. They operated for 21 hrs. and 20 min.
They discharged approximately 45,200 cys.

The Dredge 542 operated 11.0 hours loading 4 material barges between CM46 and CG24. The 542 also capped the primary dike along the same reach. The Dredge 542 advanced 52 feet.
The Linkbelt 418 operated 11.0 hours off loading 3 material barges. The Linkbelt418 is placing material in the closure betweer CG25A and CG26
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 operated 8:00 rehandling material to repair dike on far west end of the job site.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade for primary dike and took check sections of the OIAC.
Weeks survey staked out the rest of the marsh area.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511
Weeks Survey Skiff
Weeks 4600 Manitowoc Bucket Dredge 542- loaded barges and capped primary dike
Weeks Linkbelt Dragline 418 on deck barge KS 100 - unload barges
Weeks 878 Marsh Buggy-- didn't work on this day
Weeks 879 Marsh Buggy -dike repairs
Captain John - Idle
ATV-bird patrol
Crew Boat - Bayou Princess
Crew Boat - Walter W
Tug Boat - Miss Helen - moving barges

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -6:30AM to 7:15AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:30PM to 6:00PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 loaded barges from the OIAC and capped primary dike along the same reach.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded to wear hard hats at all times while on the jobsite.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours(Dredge542)	905.24	11.00	916.24
Downtime Hours(Dredge542)	598.56	1.00	599.56
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
9:00 - 8:15 grease bucket
13:00 - 13:45 service machine

Tom James
6:05 - 6:20 clean u/w pump
16:05 - 16:40 move dredge to next cut
16:40 - 18:05 engine room- ck. Main bearing
17:00 - 17:25 move anchors

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed for dike construction.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 3 Page: 1 of 2 Date: 31-May-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	AREA 1	AREA 2	AREA 3	TOTAL	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	60.00						60.00
Operating Time	21.33			21.33	55.33						55.33
% of Total Time	89%			89%	92%						92%
Lost Time	2.67			2.67	4.67						4.67
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	45,200			45,200	120,200						120,200
Adjustments											
Avg. Gross Cys					48,080						2,003
Gross CY/Hr	2,119			2,119	2,172						2,172
Gross Width	300										
% of Gross											
Avg. Gross Face	5.0										
Start Station	8+80	2+20									
End Station	14+70	4+50									
Advance	820			820	2,055						2,055
Avg. Advance					822						34
Adv. Ft/Hr	38.4			38.4	37						37
Coverage	246,000			246,000	616,500						616,500
Avg. Coverage					246,600						246,600
Coverage/Hr	11,531			11,531							
Req. Grade + O.D.	18-24										
Dredged Elev.	18-24										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	AREA 1	AREA 2	AREA 3	TOTAL	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	7+30	5.83	280	48	13,000	2,229

EQUIPMENT

Rental Equipment	Delta Fox, Charles Cenac, Emmett Eymard
Tugs	K. Pawg, S. James, J. James, bobby L
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 3 Date: 31-May-06

ENGINE ROOM & PUMP INFORMATION

ITEM	AREA 1 Dredge Pump	AREA 1 Booster 3301	AREA 1 Booster 3301	AREA 1 Booster 268	AREA 2 Dredge Pump	AREA 2 Booster 3301	AREA 2 Booster 3301	AREA 2 Booster 268	AREA 3 Dredge Pump	AREA 3 Booster 3301	AREA 3 Booster 3301	AREA 3 Booster 268
Engine RPM	230											
Rack	24											
Horsepower	2893											
Exhaust Temp.	744											
Dredge Fuel	6519											
Pump RPM	207											
In Pressure	28											
Out Pressure	65											
Water Vacuum												
Max Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	AREA 1	AREA 2	AREA 3	ITEM	AREA 1	AREA 2	AREA 3
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	28.4		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump	1	0.25	0.25
Clean Cutter/Suction			
Anchors	5	0.42	1.17
Traffic			
Move Dredge	1	0.58	1.16
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			
Operational Total	7	1.25	2.75
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In	1	1.42	1.42
Eng Rm Out			0.25
Mechanical Total	1	1.42	1.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	2.67	4.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
6:05	6:20	Clean UW pump	0:15
16:05	16:40	Move Dredge to next cut	0:35
16:40	18:05	Engine Room - Check Main Bearings	1:25
	0:25	Move anchors 5x	0:25
		TOTAL	2:40

REMARKS:

At 4:05 pm, the dredge was moved over from cut 2 to cut 3.

Prepared By: Gerald Keller Approved By: ______

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/1/2006 **Report #** 222

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 85 Max. 97

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet	**TIDE:**	+2.1	Morning tide
Fill Area	1 to 3	Feet		-0.9	Evening tide
Wave Direction	SE				

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continued stripping mud for non pay. The dredge had 23 hrs. of operating time and pumped approximately 49,608 cys. The excavated material was discharged overboard within the limits of the borrow area.

The Dredge 542 operated 11.0 hours loading 5 material barges between CM46 and CG24. The 542 also capped the primary dike along the same reach. The Dredge 542 advanced 45 feet.
The Dredge 542 also sweep the OIAC from CM40 to CG23
The Linkbelt 418 operated 11.0 hours off loading 4 material barges. The Linkbelt418 is placing material in the closure between CG25A and CG26
The Marsh Buggy 878 did not operate on this day.
The Marsh Buggy 879 operated 10:00 rehandling material to repair dike on far west end of the job site.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade for primary dike.
Bi-Weekly meeting was held on this day on the jobsite.
Survey crew finished staking out marsh

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
D6- # 8827- operable-idle
D6- # 8833- operable - idle
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -6:15AM to 6:45AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:00PM to 6:30PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; operating
542; operating
418; operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All employees were reminded to use proper ear protection when required.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours(Dredge542)	916.24	11.00	927.24
Downtime Hours(Dredge542)	573.14	13.00	586.14
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:00 - 8:15	grease bucket
13:00 - 13:45	service machine
12 Hrs	no night crew

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? yes

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

No night time operations needed for dike construction at this time.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 4 Page: 1 of 2 Date: 1-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	84.00						84.00
Operating Time	23.00			23.00	78.33						78.33
% of Total Time	96%			96%	93%						93%
Lost Time	1.00			1.00	5.67						5.67
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	49,608			49,608	169,808						169,808
Adjustments											
Avg. Gross Cys					48,517						2,022
Gross CY/Hr	2,157			2,157	2,168						2,168
Gross Width	300										
% of Gross											
Avg. Gross Face	5.2										
Start Station	4+50										
End Station	13+05										
Advance	855			855	2,910						2,910
Avg. Advance					831						35
Adv. Ft/Hr	37.2			37.2	37						37
Coverage	256,500			256,500	873,000						873,000
Avg. Coverage					249,429						249,429
Coverage/Hr	11,152			11,152							
Req. Grade + O.D.	18-24										
Dredged Elev.	18-24										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	15+30	6.00	225	38	11,457	1,910

EQUIPMENT

Rental Equipment	Delta Fox, Charles Cenac, Emmett Eymard
Tugs	K. Pawg, S. James, J. James, bobby L
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 4 Page: 2 of 2 Date: 1-Jun-06

ENGINE ROOM & PUMP INFORMATION

	Stripping				Beach				Marsh			
ITEM	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	225											
Rack	24											
Horsepower	2620											
Exhaust Temp.	749											
Dredge Fuel	6244											
Pump RPM	203											
In Pressure	24											
Out Pressure	54											
Water Vacuum												
Max Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift	1.0		
Submerged Line				Velocity	29.9		
Shore Line							
Rubber Line	1,600						
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump	1	0.33	0.58
Clean Cutter/Suction			
Anchors	4	0.33	1.50
Traffic			
Move Dredge			1.16
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			
Operational Total	5	0.67	3.41
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In			1.42
Eng Rm Out	2	0.33	0.58
Mechanical Total	2	0.33	2.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	1.00	5.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
8:00	8:10	Check ladder	0:10
11:15	11:35	Clean pump	0:20
12:00	12:10	Engine room(cutter motor SCR)	0:10
	0:20	Move anchors 4x	0:20
		TOTAL	1:00

REMARKS:

The dredge is pumping overboard in approved disposal area until the mud is stripped off the sand.

Prepared By: **Chad Bragg** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/2/2006 **Report #** 223

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 86 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet	**TIDE:**	+2.5	Morning tide
Fill Area	1 to 3	Feet		-1.0	Evening tide
Wave Direction	S				

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The shore crew began unloading bull dozers.

The dredge Tom James continued stripping mud for non pay. The dredge had 20 hrs. and 15 min. of operating time and pumped approximately 45,100 cys. The excavated material was discharged overboard within the limits of the borrow area.
The Dredge 542 operated 18 hrs.and 40 min. The 542 capped the primary at CG7 - CG11, CG13 - CG17, and CG18A - CG 19 (
It also swept access canal CG23 - CM46 and dug access canal between CG24 - CM48. The 542 loaded 4 barges today.

The Linkbelt418 is placing material in the closure between CG25 - CG26, CG26 - CG27.

The Marsh Buggy 879 capped primary dike between CG1 - CG2.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade for primary dike.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
D6- # 8827- operable-idle
D6- # 8833- operable - idle
D6- # 8848- operable - idle
D6- # 8835- operable - idle
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -6:15AM to 6:45AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:30PM to 6:00PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
TomJames; operating
542; operating
418; operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All fire extinguishers were check to make sure they are working properly.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours(Dredge542)	927.24	18.40	945.64
Downtime Hours(Dredge542)	586.14	5.20	591.34
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

7:50 - 8:30	Take on fuel
8:30 - 12:00	Change buckets
13:00 - 13:35	Service 542 Fuel
21:40 - 22:00	Grease bucket
12:25 - 1:00	Service 542

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
None.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 5 Page: 1 of 2 Date: 2-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	108.00						108.00
Operating Time	20.25			20.25	98.58						98.58
% of Total Time	84%			84%	91%						91%
Lost Time	3.75			3.75	9.42						9.42
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	45,100			45,100	214,908						214,908
Adjustments											
Avg. Gross Cys					47,757						1,990
Gross CY/Hr	2,227			2,227	2,180						2,180
Gross Width	300										
% of Gross											
Avg. Gross Face	5.5										
Start Station	13+05	5+20									
End Station	17+65	2+40									
Advance	740			740	3,650						3,650
Avg. Advance					811						34
Adv. Ft/Hr	36.5			36.5	37						37
Coverage	222,000			222,000	1,095,000						1,095,000
Avg. Coverage					243,333						243,333
Coverage/Hr	10,963			10,963							
Req. Grade + O.D.	18-24										
Dredged Elev.	18-24										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	2+40	down		#VALUE!		#VALUE!

EQUIPMENT

Rental Equipment	Delta Fox, Charles Cenac, Emmett Eymard
Tugs	K. Pawg, S. James, J. James, bobby L
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 5 Page: 2 of 2 Date: 2-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	227											
Rack	23											
Horsepower	2890											
Exhaust Temp.	752											
Dredge Fuel	5875											
Pump RPM	205											
In Pressure												
Out Pressure	57											
Water Vacuum												
Max Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	28.9		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump	1	0.25	0.83
Clean Cutter/Suction			
Anchors	4	0.33	1.83
Traffic			
Move Dredge	1	0.75	1.91
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			
Operational Total	6	1.33	4.75
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR	1	2.42	2.42
Electrical			0.25
Eng Rm In			1.42
Eng Rm Out			0.58
Mechanical Total	1	2.42	4.67
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	3.75	9.42

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
7:50	8:05	Clean Main Pump	0:15
11:25	12:10	Move dredge from cut #3 to cut #2	0:45
21:35	24:00	Stbd spud friction band broke	2:25
	0:20	Anchors 4x	0:20
		TOTAL	3:45

REMARKS:

At 11:25 this period the dredge finished stripping cut #3 and moved into cut #2 to dig from sta. 5+20 to 0.

Prepared By: **Chad Bragg** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/3/2006 **Report #** 224

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 85 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.5	Morning tide
Fill Area	1 to 3	Feet	-1.0	Evening tide
Wave Direction	SE			

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continued stripping mud for non pay. The dredge had 16 hrs. and 40 min. of operating time and removed approximately 39,306 cys. The excavated material was discharged overboard within the limits of the borrow area.
The Dredge 542 operated 21 hrs. and 45 min. The 542 capped the primary dike at CM 46 TO CG 24. They also dug the access canal between CG 24 - CM 48. Then moved to cap dike between CG 6 - CG7, CG 15 - CG 16, CG 18A - CG 19.
The 542 loaded 2 barges 1 was placed between CG 26 and CG 27 by 418 linkbelt. Another barge was placed on dike between CG 15 and CG 16 and CG 18A and CG 19. The 542 loaded 2 barges today.
The shore crew started unloading shore pipe.
The linkbelt 418 unloaded 1 barge between CG 26 and CG 27, then moved to cap dike between CG 25 and CG 25A.
The Marsh Buggy 879 worked on wash out dike between CG 1 and CG 2.
D6- # 8833- moving equipment, and shorepipe.
D6- # 8848- moving equipment, and shorepipe.
D6- # 8835- moving equipment, and shorepipe.
D6- # 8827- moving equipment, and shorepipe.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade for primary dike.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating - idle
Weeks 879 Marsh Buggy -operable
D6- # 8827- operating
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating

Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -6:00AM to 6:30AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:45PM to 6:15PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; operating
542; operating
418; operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All paint containers were check and properly stored.

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours(Dredge542)	945.64	21.45	967.09
Downtime Hours(Dredge542)	591.34	2.15	593.49
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

9:00 - 9:15	Grease bucket
13:30 - 14:15	Service 542 Fuel
20:20 - 20:35	Grease bucket
24:00 - 1:00	Service 542

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 6 Page: 1 of 2 Date: 3-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	132.00						132.00
Operating Time	16.67			16.67	115.25						115.25
% of Total Time	69%			69%	87%						87%
Lost Time	7.33			7.33	16.75						16.75
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	39,306			39,306	254,214						254,214
Adjustments											
Avg. Gross Cys					46,221						1,926
Gross CY/Hr	2,358			2,358	2,206						2,206
Gross Width	300										
% of Gross											
Avg. Gross Face	5.8										
Start Station	2+40	7+40									
End Station	0+35	3+35									
Advance	610			610	4,260						4,260
Avg. Advance					775						32
Adv. Ft/Hr	36.6			36.6	37						37
Coverage	183,000			183,000	1,278,000						1,278,000
Avg. Coverage					232,364						232,364
Coverage/Hr	10,980			10,980							
Req. Grade + O.D.	18-24										
Dredged Elev.	18-24										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	0+85	6.00	250	42	13,000	2,167

EQUIPMENT

Rental Equipment	Delta Fox, Charles Cenac, Emmett Eymard
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 6 Page: 2 of 2 Date: 3-Jun-06

ENGINE ROOM & PUMP INFORMATION

	Stripping				Beach				Marsh			
ITEM	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	225											
Rack	25											
Horsepower	3570											
Exhaust Temp.	706											
Dredge Fuel	2585											
Pump RPM	205											
In Pressure												
Out Pressure	55											
Water Vacuum												
Max Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	29.6		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump			0.83
Clean Cutter/Suction			
Anchors	2	0.17	2.00
Traffic			
Move Dredge	1	0.50	2.41
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			
Operational Total	3	0.67	5.41
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR	1	6.67	9.08
Electrical			0.25
Eng Rm In			1.42
Eng Rm Out			0.58
Mechanical Total	1	6.67	11.34
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	4	7.33	16.75

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:00	6:40	Stbd spud friction band broke	6:40
11:30	12:00	Move dredge from cut #3 to cut #2	0:30
	0:10	Anchors 2x	0:10
		TOTAL	7:20

REMARKS:

The dredge Tom James was down for 9:05 to repair the spud friction break. The delay started on the previous period. The dredge finished stripping cut 2 and moved into cut 1.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/4/2006 **Report #** 225

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 83 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

+2.5	Morning tide
-1.0	Evening tide

LOCATION OF DISCHARGE: NA feet south of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: NA feet south of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continued stripping mud for non pay. The dredge had 22 hrs. and 45 min. of operating time and removed approximately 57,540 cys. The excavated material was discharged overboard within the limits of the borrow area.
The Dredge 542 operated 21 hrs. and 2 min. The 542 swept the OIAC channel between CG 19 - CG 23.
The linkbelt 418 capped dike between CG 25 - CG 25A.
The marsh buggy 878 built dike between CG 25A - CG 26.
D6- # 8833- moving equipment, and shorepipe.
D6- # 8848- moving equipment, and shorepipe.
D6- # 8835- moving equipment, and shorepipe.
D6- # 8827- moving equipment, and shorepipe.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade for primary dike.
Beach survey crew laid out grade stakes for the breach CG 6 to CG 8.
3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
D6- # 8827- operating
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -6:00AM to 7:30AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:30PM to 6:00PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; operating
542; operating
418; operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Checked all fuel tanks

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours(Dredge542)	967.09	21.03	988.12
Downtime Hours(Dredge542)	593.49	2.97	596.46
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

6:30 - 7:15	Fuel Capt. John
10:00 - 10:15	Grease bucket
12:00 - 12:45	Service 542
21:00 - 21:15	Grease bucket
23:53 - 00:35	Service 542
3:00 - 3:15	Grease bucket

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

None

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 7 Page: 1 of 2 Date: 4-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	156.00						156.00
Operating Time	22.75			22.75	138.00						138.00
% of Total Time	95%			95%	88%						88%
Lost Time	1.25			1.25	18.00						18.00
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	57,540			57,540	311,754						311,754
Adjustments											
Avg. Gross Cys					47,962						1,998
Gross CY/Hr	2,529			2,529	2,259						2,259
Gross Width	300										
% of Gross											
Avg. Gross Face	6.7										
Start Station	3+35	0+00									
End Station	0+35	4+75									
Advance	775			775	5,035						5,035
Avg. Advance					775						32
Adv. Ft/Hr	34.1			34.1	36						36
Coverage	232,500			232,500	1,510,500						1,510,500
Avg. Coverage					232,385						232,385
Coverage/Hr	10,220			10,220							
Req. Grade + O.D.	18-24										
Dredged Elev.	18-24										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	6+40	5.45	165	30	11,500	2,110

EQUIPMENT

Rental Equipment	Delta Fox, Charles Cenac, Emmett Eymard
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	60+

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 7 Page: 2 of 2 Date: 4-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	225											
Rack	24											
Horsepower	3250											
Exhaust Temp.	750											
Dredge Fuel	8178											
Pump RPM	204											
In Pressure												
Out Pressure	54											
Water Vacuum												
Max Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	29.1		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump			0.83
Clean Cutter/Suction			
Anchors	3	0.25	2.25
Traffic			
Move Dredge	1	1.00	3.41
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			
Operational Total	4	1.25	6.66
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			1.42
Eng Rm Out			0.58
Mechanical Total			11.34
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	4	1.25	18.00

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
7:25	8:25	Move dredge from cut #1 to cut #4	1:00
	0:15	Move anchors 3x	0:15
		TOTAL	1:15

REMARKS:

At 07:25 this preiod the dredge finished cut #1 and moved into cut #4 at sta. 0+00. Willl attach a drawing to show move.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/5/2006 **Report #** 226

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 85 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.5	Morning tide
Fill Area	1 to 3	Feet	-1.0	Evening tide
Wave Direction	SE			

LOCATION OF DISCHARGE: 29+20/0 feet east of pay profile line no. CG 6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The Tom James had 19 hrs. and 20 min. of operating today.
At 7:25 AM the dredge Tom James started making the riser connection to put sand on the beach.
The dredge discharged excavated approxximately 39.050 cys. of sand material.
The excavated sand material was discharged into the island breach area.

The Dredge 542 operated 21 hrs. and 30 min. The 542 loaded 1 barge and placed between CG 18A - CG 19.
Built dike between CG 11 - CG 12.
The linkbelt 418 capped dike between CM 48 - CG 25.
879 placed one piling at sta. 7+42.
Marsh buggy 878 used where needed.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade for primary dike.
Beach survey crew set grade from sta. 26+78 to 7+42.
3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable -idle
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating

Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -6:30AM to 7:00AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 5:45PM to 6:15PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 loaded 1 barges from the OIAC.
The dredge Tom James started pumping sand on the beach around 7:25 a.m.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
checked all buoys

8. Progress Summary : 542

	Previous	This Day	To Date
Worked Hours(Dredge542)	988.12	21.30	1009.42
Downtime Hours(Dredge542)	596.46	2.30	598.76
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:00 - 8:45	Service 542
10:00 - 10:15	Grease bucket
12:00 - 12:35	Service 542
15:15 - 15:30	Grease bucket

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 8 Page: 1 of 2 Date: 5-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	7.42	16.58		24.00	163.42	16.58					180.00
Operating Time	6.50	12.83		19.33	144.50	12.83					157.33
% of Total Time	88%	77%		81%	88%	77%					87%
Lost Time	0.92	3.75		4.67	18.92	3.75					22.67
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	13,500	25,550		39,050	325,254	25,550					350,804
Adjustments											
Avg. Gross Cys					47,768	36,977					1,949
Gross CY/Hr	2,077	1,991		2,020	2,251	1,991					2,230
Gross Width	300										
% of Gross											
Avg. Gross Face	5.7										
Start Station	4+75	4+10									
End Station	6+90	7+00									
Advance	215	290		505	5,250	290					5,540
Avg. Advance					771	420					31
Adv. Ft/Hr	33.1	22.6		26.1	36	23					35
Coverage	64,500			64,500	1,575,000						1,575,000
Avg. Coverage					231,311						210,000
Coverage/Hr	9,923			3,336							
Req. Grade + O.D.	18-24	26-28									
Dredged Elev.	18-24	26-28									
Set Size	10	10									
Material Type	Mud/Sand	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		21,292		21,292		21,292					21,292
Pay CY/Hr		1,101		1,101		1,659					135
Gross Cys		25,550		25,550		25,550					25,550
Gross CY/Hr		1,991		1,322		1,991					162
% of Gross		20%		20%		20%					20%
Start Station		29+20									
End Station		29+20									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	8+00	4.55	100	22	8,800	1,934

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	49

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 8 Page: 2 of 2 Date: 5-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	353											
Rack	29											
Horsepower	2124											
Exhaust Temp.	930											
Dredge Fuel	4975											
Pump RPM	322											
In Pressure												
Out Pressure	158											
Water Vacuum												
Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift	1.0		
Submerged Line	16,500			Velocity	15.0		
Shore Line							
Rubber Line	1,600						
Total Line Length	18,100						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	22

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	1.00	1.00
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump			0.83
Clean Cutter/Suction			
Anchors	3	0.25	2.50
Traffic			
Move Dredge			3.41
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc	2	3.17	3.17
Operational Total	6	4.42	11.08
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			1.42
Eng Rm Out	1	0.25	0.83
Mechanical Total	1	0.25	11.59
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	4.67	22.67

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
5:45	6:40	Cable broke on end of discharge	0:55
7:25	9:40	Change stbd swing cable and make connection to pump on the fill	2:15
14:45	15:00	Change service water hose on ladder	0:15
21:00	22:00	Fill (build levee)	1:00
	0:15	Move Anchors 3x	0:15
		TOTAL	4:40

REMARKS:

At 07:25 this preiod the dredge began to make the riser connection and put sand on the fill.

The dredge stripped cut #4 from sta. 0+00 to 6+90 and began pumping sand in cut #1 at sta. 4+10.

Prepared By: Chad Bragg Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/6/2006 **Report #** 227

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 83 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet	**TIDE:**	+2.5	Morning tide
Fill Area	1 to 3	Feet		-1.0	Evening tide
Wave Direction	S				

LOCATION OF DISCHARGE: 29+20/0 feet east of pay profile line no. CG 6

DRESSING OPERATIONS COMPLETE TO: 0 feet south of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James had 16 hrs. and 50 min. of operating time. Pumping approximately 38,800 cys. Everything was sent to the beach.

The 542 made repairs along back dike from CG 6 - CG 11 as needed. They stock piled material for closures between CG 11 and CG 12. Loaded 1 barge between CM 46 - CG 24.

The linkbelt 418 unloaded 1 barge @ closure between CG 25A - CG 26..

878 made some repairs to dike along CG 28 - CG 27.
879 assist with shore pipe.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade for primary dike.
Beach survey crew set grade from sta. 26+78 to 7+42.
3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511-- operating
Weeks Survey Skiff-- operating
Weeks 4600 Manitowoc Bucket Dredge 542- loaded barges and capped primary dike-- operating
Weeks Linkbelt Dragline 418 on deck barge KS 100-- operating
Weeks 878 Marsh Buggy-- operating
Weeks 879 Marsh Buggy-- operating
Captain John - operating
ATV-bird patrol-- operating
Crew Boat - Bayou Princess-- operating
Crew Boat - Walter W-- operable-- idle
Tug Boat - Miss Helen -- operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -6:15AM to6:45AM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 6:00PM to 6:30PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patroled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
The Weeks Dredge 542 loaded 1 barges from the OIAC.
The dredge Tom James dug in cut # 1 this period and everything was sent to the beach.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
checked all buoys

8. Progress Summary:

	Previous	This Day	To Date
Worked Hours(Dredge542)	1018.42	16.50	1034.92
Downtime Hours(Dredge542)	598.76	1.10	599.86
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

12:00 - 12:45	Fueled and Service
10:00 - 10:15	Grease bucket
8:00 - 8:10	Grease bucket

TOM JAMES

2:15 - 2:55	Push dike on dump
4:55 - 9:05	Engine room (EMD over heated)
18:35 - 19:15	Add oil to cutter gearbox
20:30 - 21:10	check pump
22:00 - 23:15	Add and tighten packing on main pump
23:00 - 23:15	clean cutter

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
No night time operations needed for 542.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 9 Page: 1 of 2 Date: 6-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	163.42	40.58					204.00
Operating Time		16.83		16.83	144.50	29.67					174.17
% of Total Time		70%		70%	88%	73%					85%
Lost Time		7.17		7.17	18.92	10.92					29.83
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		38,800		38,800	325,254	64,350					389,604
Adjustments											
Avg. Gross Cys					47,768	38,055					1,910
Gross CY/Hr		2,305		2,305	2,251	2,169					2,237
Gross Width		300									
% of Gross											
Avg. Gross Face		8.4									
Start Station		7+00									
End Station		11+15									
Advance		415		415	5,250	705					5,955
Avg. Advance					771	417					29
Adv. Ft/Hr		24.7		24.7	36	24					34
Coverage		124,500		124,500	1,575,000	124,500					1,699,500
Avg. Coverage					231,311	73,626					199,941
Coverage/Hr		7,396		7,396							
Req. Grade + O.D.	18-24	26-28									
Dredged Elev.	18-24	26-28									
Set Size	10	10									
Material Type	Mud/Sand	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		32,333		32,333		53,625					53,625
Pay CY/Hr		1,921		1,921		1,808					308
Gross Cys		38,800		38,800		64,350					64,350
Gross CY/Hr		2,305		2,305		2,169					369
% of Gross		20%		20%		20%					20%
Start Station		29+20									
End Station		29+20									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	11+70	4.20	55	13	5,630	1,340

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	49

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 9 Date: 6-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	350											
Rack	29											
Horsepower	5124											
Exhaust Temp.	931											
Dredge Fuel	7670											
Pump RPM	321											
In Pressure												
Out Pressure	154											
Water Vacuum												
Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION / CUTTER

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line				Lift	1.0			Type	Basket
Submerged Line	16,500			Velocity	15.6			No. of Blades	6
Shore Line								Teeth	Serrated
Rubber Line	1,600							Avg. RPM	18
Total Line Length	18,100								

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work	1	0.67	1.67	2:15	2:55	Push dike on dump	0:40
Rubber Line			0.17	4:55	9:05	Engine room(EMD over heated)	4:10
Sub Line Dredge				18:35	19:15	Add oil to cutter gearbox	0:40
Clean Pipeline				20:30	21:10	Check pump	0:40
Clean Pump	1	0.67	1.50	22:00	22:30	Add & tighten packing on main pump	0:30
Clean Cutter/Suction	1	0.25	0.25	23:00	23:15	Clean cutter	0:15
Anchors	3	0.25	2.75				
Traffic							
Move Dredge			3.41		0:15	Move anchors 3x	0:15
Re-pin Spuds							
Change Cutter							
Change Pump							
Misc			3.17				
Operational Total	6	1.83	12.91				
Weather Standby							
Weather Repairs							
Weather Moving							
Weather Total							
Pump RPR							
Cutter RPR							
Spud RPR			9.08				
Electrical			0.25				
Eng Rm In	2	4.67	6.09				
Eng Rm Out	1	0.67	1.50				
Mechanical Total	3	5.33	16.92	**REMARKS:**		TOTAL	7:10
Bstr (1) Deck				The dredge dug in cut #1 this period. All material was placed on beach.			
Bstr (1) Eng Rm							
Booster Total							
Total Lost Time	9	7.17	29.83				

Prepared By: **Chad Bragg** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/7/2006 **Report #** 228

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 86

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

+2.5	Morning tide
-1.0	Evening tide

LOCATION OF DISCHARGE: 29+20/ 0 feet east of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge "Tom James" had 20 hrs and 35 min. of operating time. Pumping approximately 51,600 cys. of sand material
The excavated material was discharged into the island breach area.
The 542 made repairs along back dike from CM46 6 - CG 24 as needed. They stock piled material
for closures between CG 11 and CG 12. Loaded 1 barge between CM 46 - CG 24.
The linkbelt 418 unloaded 1 barge @ closure between CG 25A - CG 26..
Weeks 879 Marsh Buggy is building dikes for beach.
Marsh buggy 878 used where needed.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks survey placed additional grade for primary dike.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -6:00AM to6:30AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 6:00PM to 6:30PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; operating
542; operating
418; operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
checked all buoys

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours(Dredge542)	1032.32	8.25	1040.57
Downtime Hours(Dredge542)	599.86	15.75	615.61
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

06:00 - 06:30	Grease boom and replace boom belts
06:30 - 07:00	Check spud cables
12:00 - 12:45	Fuel and service bucket dredge
14:45 - 16:45	Changed load line and closing line
12 hrs	No night shift

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
No night time operations needed for 542.

WMI, CPE, and DNR representatives conducted Hold point Inspections on the following items:

1) On the completion of the marsh containment and dikeage
2) On the completion of site layout for marsh fill
3) On the completion of site layout for Beach/dune fill from CG1 (7+50) to CG7 (34+04) and CG11 (53+40) to CG16 (77+60).

No deficiencies were noted.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 10 Page: 1 of 2 Date: 7-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	163.42	64.58					228.00
Operating Time		20.58		20.58	144.50	50.25					194.75
% of Total Time		86%		86%	88%	78%					85%
Lost Time		3.42		3.42	18.92	14.33					33.25
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		51,600		51,600	325,254	115,950					441,204
Adjustments											
Avg. Gross Cys					47,768	43,089					1,935
Gross CY/Hr		2,507		2,507	2,251	2,307					2,265
Gross Width		300									
% of Gross											
Avg. Gross Face		10.0									
Start Station		11+15	11+70								
End Station		15+60	11+90								
Advance		465		465	5,250	1,170					6,420
Avg. Advance					771	435					28
Adv. Ft/Hr		22.6		22.6	36	23					33
Coverage		139,500		139,500	1,575,000	264,000					1,839,000
Avg. Coverage					231,311	98,106					193,579
Coverage/Hr		6,777		6,777							
Req. Grade + O.D.	-27	26-28									
Dredged Elev.	-28	26-28									
Set Size	10	10									
Material Type	Mud/Sand	Mud/Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		43,000		43,000		96,625					96,625
Pay CY/Hr		2,089		2,089		1,923					496
Gross Cys		51,600		51,600		115,950					115,950
Gross CY/Hr		2,507		2,507		2,307					595
% of Gross		20%		20%		20%					20%
Start Station		29+20									
End Station		29+20									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	13+15	5.40	155	29	14,000	2,593

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location:

Dredge: *TOM JAMES* Report Number: 10 Page: 2 of 2 Date: 7-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping Dredge Pump	Stripping Booster 3301	Stripping Booster 3301	Stripping Booster 268	Beach Dredge Pump	Beach Booster 3301	Beach Booster 3301	Beach Booster 268	Marsh Dredge Pump	Marsh Booster 3301	Marsh Booster 3301	Marsh Booster 268
Engine RPM	340											
Rack	32											
Horsepower	5879											
Exhaust Temp.	956											
Dredge Fuel	5901											
Pump RPM	311											
In Pressure												
Out Pressure	170											
Water Vacuum												
Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	6.0		
Submerged Line	16,500			Velocity	15.3		
Shore Line							
Rubber Line							
Total Line Length	18,100						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			1.67
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	3	0.25	3.00
Traffic			
Move Dredge	1	0.75	4.16
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			3.17
Operational Total	4	1.00	13.91
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	2	2.42	8.50
Eng Rm Out			1.50
Mechanical Total	2	2.42	19.34
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	3.42	33.25

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
2:35	4:15	Repack main pump	1:40
21:35	22:20	Move dredge(finish sand pumping in cut #1 & move into cut #2)	0:45
22:20	23:05	Repack main pump	0:45
	0:15	Move swing anchors 3x	0:15
		TOTAL	3:25

REMARKS:

At 21:35 this period the dredge finished cut #1 and moved to cut #2 to start pumping sand.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/8/2006 **Report #** 229

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 76 Max. 87

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

			TIDE:	
Borrow Site	1 to 3	Feet	+2.5	Morning tide
Fill Area	1 to 3	Feet	-1.0	Evening tide
Wave Direction	S			

LOCATION OF DISCHARGE 29+20/ 0 feet east of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge "Tom James" had 22 hrs and 45 min. of operating time. Pumping approximately 59,300 cys. Of sand material.
The excavated material was discharged into the island breach area.
The 542 made repairs along back dike from CM46 6 - CG 24 as needed. They stock piled material for closures between CG 11 and CG 12. Loaded 2 barges between CM 46 - CG 24.
The linkbelt 418 unloaded 2 barges @ closure between CG 25A - CG 26 and from CG 15 to CG 16.
Weeks 879 Marsh Buggy is building dikes for beach in order to make closure on breach.
Marsh buggy 878 used where needed.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
Weeks survey placed additional grade for primary dike.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -7:00AM to 7:30AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 6:00PM to 6:30PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; operating
542; operating
418; operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

All operators and shore crew were observed wearing appropriate safety gear, i.e. hardhats and lifevests during all times necessary on fill site and transportation to job site.
8. Progress Summary : 542

	Previous	This Day	To Date
Worked Hours(Dredge542)	1040.57	9.17	1049.74
Downtime Hours(Dredge542)	615.61	14.83	630.44
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

10:00 - 12:50	Wait on tugs to shift barges to fuel 542. Grease bucket
12 Hrs	No night shift

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrov areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.
No night time operations needed for 542.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 11 Page: 1 of 2 Date: 8-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	163.42	88.58					252.00
Operating Time		22.75		22.75	144.50	73.00					217.50
% of Total Time		95%		95%	88%	82%					86%
Lost Time		1.25		1.25	18.92	15.58					34.50
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		59,300		59,300	325,254	175,250					500,504
Adjustments											
Avg. Gross Cys					47,768	47,481					1,986
Gross CY/Hr		2,607		2,607	2,251	2,401					2,301
Gross Width		300									
% of Gross											
Avg. Gross Face		10.3									
Start Station		11+90	0+35								
End Station		14+85	2+60								
Advance		520		520	5,250	1,690					6,940
Avg. Advance					771	458					28
Adv. Ft/Hr		22.9		22.9	36	23					32
Coverage		156,000		156,000	1,575,000	420,000					1,995,000
Avg. Coverage					231,311	113,791					190,000
Coverage/Hr		6,857		6,857							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		49,417		49,417		146,042					146,042
Pay CY/Hr		2,172		2,172		2,001					671
Gross Cys		59,300		59,300		175,250					175,250
Gross CY/Hr		2,607		2,607		2,401					806
% of Gross		20%		20%		20%					20%
Start Station		29+20									
End Station		29+20									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	4+20	4.15	160	39	11,500	2,771

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration
Dredge: *TOM JAMES* | Report Number: 11 | Page: 2 of 2 | Date: 8-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping Dredge Pump	Stripping Booster 3301	Stripping Booster 3301	Stripping Booster 268	Beach Dredge Pump	Beach Booster 3301	Beach Booster 3301	Beach Booster 268	Marsh Dredge Pump	Marsh Booster 3301	Marsh Booster 3301	Marsh Booster 268
Engine RPM	345											
Rack	28											
Horsepower	4746											
Exhaust Temp.	902											
Dredge Fuel	8661											
Pump RPM	306											
In Pressure												
Out Pressure	151											
Water Vacuum												
Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift	6.0		
Submerged Line	16,500			Velocity	14.3		
Shore Line							
Rubber Line	1,600						
Total Line Length	18,100						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.33	2.00
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	4	0.33	3.33
Traffic			
Move Dredge	1	0.58	4.75
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			3.17
Operational Total	6	1.25	15.16
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			8.50
Eng Rm Out			1.50
Mechanical Total			19.34
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	1.25	34.50

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:50	1:10	Dump raise pipe	0:20
14:35	15:10	Move dredge back & start in same cut at sta. 0+35	0:35
	0:20	Move anchors 4x	0:20
		TOTAL	1:15

REMARKS:

The dredge finished the end of cut #2 and began backing up to start at sta. 0+35.

Prepared By: Chad Bragg

Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/9/2006 **Report #** 230

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

			TIDE:	
Borrow Site	1 to 3	Feet	+2.5	Morning tide
Fill Area	1 to 3	Feet	-1.0	Evening tide
Wave Direction	S			

LOCATION OF DISCHARGE **29+20**/ 0 feet south of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet south of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge "Tom James" had 16 hrs. and 45 min. of operating time, pumping approximately 46,400 cys. of sand material.
The excavated material was discharged into the island breach area.
The 542 operated for 9 hrs. and 30 min. The 542 loaded 2 material barges and capped dike between CM 46 to CG 24.
The linkbelt 418 operated for 10 hrs. Unloaded 2.5 barges and capped closure between CG 25A to CG 26.
Weeks 879 Marsh Buggy is building dikes for beach in order to make closure on breach.
Marsh buggy 878 used where needed.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
Weeks survey took cross section on OIAC between CM38 to CG 23.
Weeks beach survey took ck. Sections from 30+00 to 46+14.
3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -7:15AM to 7:45AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 6:30PM to 7:00PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)
Gordon Thomson of C.P.E. brought to our attention that the dredge Tom James was digging to deep.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; operating
542; operating
418; operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All hard hats and lifevests were observed being worn in proper work areas.

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours(Dredge542)	1049.74	9.50	1059.24
Downtime Hours(Dredge542)	630.44	14.50	644.94
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:30 -10:45	Take on fuel
9:15 - 10:45	Change buckets
12:00 - 12:45	Change dead eye socket on bucket
17:00 - 5:00	No night shift

9. Avoidance of Overdredging: *Do you certify that the dredge has excavated within the limits of the borrow* areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.
No night time operations needed for 542.
SPILL BOXES WERE SET IN PLACE

Templates were checked on Tom James regarding vertical limits over dredge.
All templates
have been
corrected.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 12 Page: 1 of 2 Date: 9-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	163.42	112.58					276.00
Operating Time		16.75		16.75	144.50	89.75					234.25
% of Total Time		70%		70%	88%	80%					85%
Lost Time		7.25		7.25	18.92	22.83					41.75
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		46,400		46,400	325,254	221,650					546,904
Adjustments											
Avg. Gross Cys					47,768	47,250					1,982
Gross CY/Hr		2,770		2,770	2,251	2,470					2,335
Gross Width		300									
% of Gross											
Avg. Gross Face		8.0									
Start Station		2+60									
End Station		7+82									
Advance		522		522	5,250	2,212					7,462
Avg. Advance					771	472					27
Adv. Ft/Hr		31.2		31.2	36	25					32
Coverage		156,600		156,600	1,575,000	576,600					2,151,600
Avg. Coverage					231,311	122,917					187,096
Coverage/Hr		9,349		9,349							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		38,667		38,667		184,709					184,709
Pay CY/Hr		2,308		2,308		2,058					789
Gross Cys		46,400		46,400		221,650					221,650
Gross CY/Hr		2,770		2,770		2,470					946
% of Gross		20%		20%		20%					20%
Start Station		29+20									
End Station		29+20									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:10	9+32	5.25	150	29	13,300	2,533

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 12 Page: 2 of 2 Date: 9-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping Dredge Pump	Stripping Booster 3301	Stripping Booster 3301	Stripping Booster 268	Beach Dredge Pump	Beach Booster 3301	Beach Booster 3301	Beach Booster 268	Marsh Dredge Pump	Marsh Booster 3301	Marsh Booster 3301	Marsh Booster 268
Engine RPM	353											
Rack	349											
Horsepower	5693											
Exhaust Temp.	955											
Dredge Fuel	6064											
Pump RPM	319											
In Pressure												
Out Pressure	160											
Water Vacuum												
Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	6.0		
Submerged Line	16,500			Velocity	14.5		
Shore Line							
Rubber Line							
Total Line Length	18,100						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	5.67	7.67
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	4	0.33	3.67
Traffic			
Move Dredge			4.75
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			3.17
Operational Total	6	6.00	21.16
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	1	1.25	9.75
Eng Rm Out			1.50
Mechanical Total	1	1.25	20.59
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	7.25	41.75

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
3:45	5:00	Engine Room Repair - fuel and water leak	1:15
9:30	9:50	Fill - take spreader off and add elbow	0:20
18:40	24:00	Fill - build dykes	5:20
	0:20	move anchors (4x)	0:20
		TOTAL	7:15

REMARKS:

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/10/2006 **Report #** 231

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 82 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

			TIDE:	
Borrow Site	1 to 3	Feet	+2.5	Morning tide
Fill Area	1 to 3	Feet	-1.0	Evening tide
Wave Direction	S			

LOCATION OF DISCHARGE: **33+62/ 42** feet west of pay profile line no. CG7

DRESSING OPERATIONS COMPLETE TO: 0 feet south of pay profile line no. CG7

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dun
or marsh fill. Advance over last 24 hrs.)

The dredge "Tom James" had 21 hrs 5 min. of operating time. Pumping approximately 57,447 cys. of sand material.
The excavated material was discharged into the island breach area.
There was 400' feet of shore pipe added to dump. Making the discharge location at sta. 33+62
With an advance of 442 feet on the beach.
The 542 operated for 7 hrs. and 30 min. The 542 stockpiled material for the closure between CG 11 to CG 12.
The linkbelt 418 operated for 8 hrs. The 418 helped set the spillboxes and unload equipment barges.
Weeks 879 Marsh Buggy is building dikes for beach in order to make closure on breach.
Marsh buggy 878 used where needed.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Weeks survey took cross section on OIAC between CM38 to CG 23.
Weeks beach survey set grade every 100' for beach.
3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whetl
or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating

Tug Boat - Miss Helen - operating

protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -7:30AM to 8:00AM - Daily bird patrol was conducted .The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 6:45PM to 7:15PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; operating
542; operating
418; operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken
All equipment is being operated only by designated personnel.

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours(Dredge542)	1059.24	7.50	1066.74
Downtime Hours(Dredge542)	644.94	16.50	661.44
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
11:00 - 15:30 waiting on tug boat
16:00 - 17:00 clutch on main drive
17:00 5:00 no night shift

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has no been excavated below the limit as shown in the plans (Yes/No) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
No night time operations needed for 542.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 13 Page: 1 of 2 Date: 10-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	163.42	136.58					300.00
Operating Time		21.08		21.08	144.50	110.83					255.33
% of Total Time		88%		88%	88%	81%					85%
Lost Time		2.92		2.92	18.92	25.75					44.67
Standby Time											
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		57,447		57,447	325,254	279,097					604,351
Adjustments											
Avg. Gross Cys					47,768	49,042					2,015
Gross CY/Hr		2,725		2,725	2,251	2,518					2,367
Gross Width		300									
% of Gross											
Avg. Gross Face		8.9									
Start Station		7+82	2+25								
End Station		11+50	4+35								
Advance		578		578	5,250	2,790					8,040
Avg. Advance					771	490					27
Adv. Ft/Hr		27.4		27.4	36	25					31
Coverage		173,400		173,400	1,575,000	750,000					2,325,000
Avg. Coverage					231,311	131,788					186,000
Coverage/Hr		8,225		8,225							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		47,873		47,873		232,582					232,582
Pay CY/Hr		2,271		2,271		2,098					911
Gross Cys		57,447		57,447		279,097					279,097
Gross CY/Hr		2,725		2,725		2,518					1,093
% of Gross		20%		20%		20%					20%
Start Station		29+20									
End Station		33+62									
Advance		442		442		442					442
Adv. Ft/Hr		21		21		4					2
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	6+27	6.00	192	32	17,967	2,995

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 13 Page: 2 of 2 Date: 10-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	330											
Rack	31											
Horsepower	5462											
Exhaust Temp.	955											
Dredge Fuel	7044											
Pump RPM	284											
In Pressure												
Out Pressure	165											
Water Vacuum												
Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	6.0		
Submerged Line	16,500			Velocity	14.0		
Shore Line							
Rubber Line							
Total Line Length	18,100						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	1.42	9.08
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	3	0.25	3.92
Traffic			
Move Dredge	1	0.92	5.66
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc	1	0.17	3.33
Operational Total	8	2.75	23.91
Weather Standby			
Weather Repairs			
Weather Moving			
Weather Total			
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	1	0.17	9.92
Eng Rm Out			1.50
Mechanical Total	1	0.17	20.75
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	2.92	44.67

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
4:45	5:25	Fill - add 1 shore pipe	0:40
6:55	7:05	Tighten strb. spud friction	0:10
7:05	7:25	Fill - add short elbow on pipe	0:20
15:15	16:10	Move dredge over to Cut 3	0:55
16:10	16:35	Fill - add 9 shore pipes	0:25
23:30	23:40	Eng Room - change fuel line on the main engine	0:10
	0:15	Move anchors (x3)	0:15
		TOTAL	2:55

REMARKS:

At 1515 hrs, moved dredge over into Cut 3.

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/11/2006 **Report #** 232

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 82 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

			TIDE:	
Borrow Site	1 to 3	Feet	+2.5	Morning tide
Fill Area	1 to 3	Feet	-1.0	Evening tide
Wave Direction	S			

LOCATION OF DISCHARGE: **36+00/ 288** feet west of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dun
or marsh fill. Advance over last 24 hrs.)

The dredge "Tom James" had 16 hrs 50 min. of operating time. Pumping approximately 45643 cys. of sand material.
The excavated material was discharged within the island breach area. 6 pipe were added on the beach.
Making the discharge location sta. 36+00.
Weeks 879 Marsh Buggy is building dikes for beach in order to make closure on breach.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material
Marsh buggy 878 - used where needed

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Weeks beach survey set grade for beach crew.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whetl
or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- repairing
Weeks Linkbelt Dragline 418 - repairing
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol -7:00AM to 7:30 AM - Daily bird patrol was conducted. The eastern beach and central beach
along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day.
While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was
instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol - 6:00PM to 6:30 PM - Daily bird patrol was conducted. The eastern beach and central beach
along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day.
While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was
instructed to report any nesting activity. No nesting activity was reported.
retesting required, etc., with action to be taken.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; operating
542; under repairs
418; under repairs

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
All exit door and passageways were checked to insure signs were in place and free of obstructions.

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours(Dredge542)	1066.74	0.00	1066.74
Downtime Hours(Dredge542)	661.44	24.00	685.44
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
5:00 - 5:00 down due to mechanical problems
12 Hrs No night shift

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has no been excavated below the limit as shown in the plans (Yes/No) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Down for mechanical problems.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 14 Page: 1 of 2 Date: 11-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	163.42	160.58					324.00
Operating Time		16.50		16.50	144.50	127.33					271.83
% of Total Time		69%		69%	88%	79%					84%
Lost Time		4.00		4.00	18.92	29.75					48.67
Standby Time		3.50		3.50		3.50					3.50
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		45,643		45,643	325,254	324,740					649,994
Adjustments											
Avg. Gross Cys					47,768	48,534					
Gross CY/Hr		2,766		2,766	2,251	2,550					2,391
Gross Width		300									
% of Gross											
Avg. Gross Face		8.2									
Start Station		4+35									
End Station		9+35									
Advance		500		500	5,250	3,290					8,540
Avg. Advance					771	492					26
Adv. Ft/Hr		30.3		30.3	36	26					31
Coverage		150,000		150,000	1,575,000	900,000					2,475,000
Avg. Coverage					231,311	134,510					183,333
Coverage/Hr		9,091		9,091							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		38,036		38,036		270,618					270,618
Pay CY/Hr		2,305		2,305		2,125					996
Gross Cys		45,643		45,643		324,740					324,740
Gross CY/Hr		2,766		2,766		2,550					1,195
% of Gross		20%		20%		20%					20%
Start Station		33+62									
End Station		36+00									
Advance		238		238		680					680
Adv. Ft/Hr		14		14		5					3
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 14 Date: 11-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268	Dredge Pump	Booster 3301	Booster 3301	Booster 268
Engine RPM	345											
Rack	30											
Horsepower												
Exhaust Temp.	925											
Dredge Fuel	5861											
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	6.0		
Submerged Line	16,500			Velocity			
Shore Line							
Rubber Line							
Total Line Length	18,100						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	20.7

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.83	9.92
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline	1	0.25	0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	2	0.17	4.08
Traffic			
Move Dredge			5.66
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			3.33
Operational Total	4	1.25	25.16
Weather Standby	1	3.50	3.50
Weather Repairs			
Weather Moving	1	2.42	2.42
Weather Total	2	5.92	5.92
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			9.92
Eng Rm Out	1	0.33	1.83
Mechanical Total	1	0.33	21.09
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	7.50	52.17

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
12:50	13:40	Fill - add 6 shore pipe	0:30
13:40	14:00	Engine Room - Repair hole in stuffing box in u/w pump	0:20
17:50	18:05	Stopped digging & washed out line	0:15
18:05	20:30	Weather - towing dredge	2:25
20:30	24:00	Weather - standby	3:30
	0:10	Move anchors (2x)	0:10
		TOTAL	7:10

REMARKS:

At 18:05, the dredge was towed in to Grand Isle due to rough seas caused by Tropical Storm Alberto.

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/12/2006 **Report #** 233

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 82 Max. 94

WIND SPEED: 10.00 to 15.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	2 to 6	Feet
Fill Area	2 to 6	Feet
Wave Direction	S	

TIDE:

+3.0	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE: 36+00/ 288 feet west of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James on stby. for weather. No worked performed today by dredges or shore crew.

Tropical Storm prevented any work performance today.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks beach survey ran cks. From sta. 29+20 to 48+56.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operable -idle
Weeks Survey Skiff - operable - idle
Tom James Cutterhead Dredge - operable -idle
Weeks 4600 Manitowoc Bucket Dredge 542- repairing
Weeks Linkbelt Dragline 418 - repairing
Weeks 878 Marsh Buggy- operable -idle
Weeks 879 Marsh Buggy -operable - idle
D6- # 8827- operable - idle
D6- # 8850- operable- idle
D6- # 8833- operable - idle
D6- # 8848- operable - idle
D6- # 8835- operable - idle
D6- # 8820- operable - idle
Crew Boat Walter W - operable - idle
Captain John Tug - operable - idle
ATV - operable - idle
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable - idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:45AM to 7:15AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol -5:00PM to 5:30PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received:(List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James down for weather.
542 down for mechanical problems.
418; under repairs

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
All equipment is being shut down while fueling and/or servicing.

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours	1066.74	0.00	1066.74
Downtime Hours (Explain Below)	685.44	24.00	709.44
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
542 down for mechanical problems.
12 Hrs **No night shift**

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 15 Page: 1 of 2 Date: 12-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	163.42	184.58					348.00
Operating Time					144.50	127.33					271.83
% of Total Time					88%	69%					78%
Lost Time					18.92	29.75					48.67
Standby Time		24.00		24.00		27.50					27.50
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					325,254	324,740					649,994
Adjustments											
Avg. Gross Cys					47,768	42,224					
Gross CY/Hr					2,251	2,550					2,391
Gross Width	300										
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					5,250	3,290					8,540
Avg. Advance					771	428					25
Adv. Ft/Hr					36	26					31
Coverage					1,575,000	900,000					2,475,000
Avg. Coverage					231,311	117,020					170,690
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size		10									
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						270,618					270,618
Pay CY/Hr						2,125					996
Gross Cys						324,740					324,740
Gross CY/Hr						2,550					1,195
% of Gross						20%					20%
Start Station		36+00									
End Station		36+00									
Advance						680					680
Adv. Ft/Hr						5					3
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	215+00	0	0	0	0	0

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125   Location: Chaland Headland Restoration

Dredge: *TOM JAMES*   Report Number: 15   Page: 2 of 2   Date: 12-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel												
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Working Vacuum												
Vane x Dia	4X84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	6.0		
Submerged Line	16,500			Velocity			
Shore Line							
Rubber Line							
Total Line Length	18,100						

CUTTER

Type	Supersand
No. of Blades	6
Teeth	Serrated
Avg. RPM	20.7

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			9.92
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors			4.08
Traffic			
Move Dredge			5.66
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc			3.33
Operational Total			25.16
Weather Standby		24.00	27.50
Weather Repairs			
Weather Moving			2.42
Weather Total		24.00	29.92
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			9.92
Eng Rm Out			1.83
Mechanical Total			21.09
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time		24.00	76.17

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
		STBY. FOR WEATHER	
		TOTAL	

REMARKS:

TOM JAMES IS STANDING BY FOR WEATHER.

Prepared By: Jason Settle   Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/13/2006 **Report #** 234

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 83 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 5	Feet
Fill Area	2 to 5	Feet
Wave Direction	SE	

TIDE:

+3.0	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE: 39+50/62 feet east of pay profile line no. CG8

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James began operational 11:45 am, pumped approx. 31,768 cys, of sand material, advanced 350 feet eastward on beach, for a total of 11 hrs. 55 min. All of the excavated material was discharged within the island breach area. End of pipe was at station 39+50
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material
Marsh buggy 878 - used where needed
Marsh buggy 879 - used where needed

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks beach survey set grade for hold point inspection.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- repairing
Weeks Linkbelt Dragline 418 - repairing
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:30AM to 7:00AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol -5:30PM to 6:00PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; operating
542; under repairs
418; under repairs

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Battery charging area was inspected to insure that rubber gloves, apron, and face shield are

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours	1066.74	0.00	1066.74
Downtime Hours (Explain Below)	709.44	24.00	733.44
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
542 down for mechanical problems.
12 Hrs **No night shift**

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
A combination of storm swell, high tide and lunar pull allowed for a breach on the dike at the west end of project on the marsh side approx. 25' across

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 16 Page: 1 of 2 Date: 13-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	163.42	208.58					372.00
Operating Time		11.92		11.92	144.50	139.25					283.75
% of Total Time		50%		50%	88%	67%					76%
Lost Time		5.25		5.25	18.92	35.00					53.92
Standby Time		6.83		6.83		34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		31,768		31,768	325,254	356,508					681,762
Adjustments											
Avg. Gross Cys					47,768	41,021					
Gross CY/Hr		2,666		2,666	2,251	2,560					2,403
Gross Width		300									
% of Gross											
Avg. Gross Face		9.1									
Start Station		9+25									
End Station		12+40									
Advance		315		315	5,250	3,605					8,855
Avg. Advance					771	415					24
Adv. Ft/Hr		26.4		26.4	36	26					31
Coverage		94,500		94,500	1,575,000	994,500					2,569,500
Avg. Coverage					231,311	114,429					165,774
Coverage/Hr		7,930		7,930							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		26,473		26,473		297,091					297,091
Pay CY/Hr		2,222		2,222		2,134					1,047
Gross Cys		31,768		31,768		356,508					356,508
Gross CY/Hr		2,666		2,666		2,560					1,256
% of Gross		20%		20%		20%					20%
Start Station		36+00									
End Station		39+50									
Advance		350		350		1,030					1,030
Adv. Ft/Hr		29		29		7					4
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	13+90	5.83	150	26	14,933	2,560

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 16 Date: 13-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						328						
Rack						27						
Horsepower					6600	4462						
Exhaust Temp.					936	954						
Dredge Fuel						4294						
Pump RPM					352	298						
In Pressure					26	43						
Out Pressure					149	158						
Water Vacuum												
Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		4.5	
Submerged Line		16,500		Velocity		14.1	
Shore Line		1,030					
Rubber Line							
Total Line Length		19,130					

CUTTER

Type	Supersand
No. of Blades	6
Teeth	Serrated
Avg. RPM	20.7

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			9.92
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	2	0.17	4.25
Traffic			
Move Dredge			5.66
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc	1	0.92	4.25
Operational Total	3	1.08	26.25
Weather Standby	1	6.83	34.33
Weather Repairs			
Weather Moving	1	4.00	6.42
Weather Total	2	10.83	40.75
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	1	0.17	10.09
Eng Rm Out			1.83
Mechanical Total	1	0.17	21.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	12.08	88.25

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:00	6:50	Weather	6:50
6:50	10:50	Weather - towing dredge to job site.	4:00
10:50	11:45	Setup dredge on site.	0:55
14:20	14:30	Engine Room	0:10
	0:10	Move anchors (2x)	0:10
		TOTAL	12:05

REMARKS:
The dredge returned to job site and begain digging at 11:45 am.

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/14/2006 **Report #** 235

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 83 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+3.0	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE: 43+50/22 feet east of pay profile line no. CG9

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG9

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continued pumping approx. 51805 cys. (Gross) of sand material, with an advance of 400' eastward on beach, while also closing westward breach.Operating time was 19 hrs. 35 min.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material
Marsh buggy 878 - used where needed
Marsh buggy 879 - used where needed

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks beach survey set grade for hold point inspection, Completed

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- repairing
Weeks Linkbelt Dragline 418 - repairing
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol - 6:30AM to 7:00AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol -5:35PM to 6:15PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the primary dikes, the marsh areas, and the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; operating
542; under repair
418; under repair

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Battery charging area was inspected to insure that rubber gloves, apron, and face shield are

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours	1066.74	0.00	1066.74
Downtime Hours (Explain Below)	733.44	24.00	757.44
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:
542 down for mechanical problems.
12 Hrs **No night shift**

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Onboard inspector, had accident, with survey boat as boat was run into stationary barge, the impact shattered port side window
Accident report will be duely documented

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 17 Page: 1 of 2 Date: 14-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	163.42	232.58					396.00
Operating Time		19.58		19.58	144.50	158.83					303.33
% of Total Time		82%		82%	88%	68%					77%
Lost Time		4.42		4.42	18.92	39.42					58.33
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		51,805		51,805	325,254	408,313					733,567
Adjustments											
Avg. Gross Cys					47,768	42,133					
Gross CY/Hr		2,645		2,645	2,251	2,571					2,418
Gross Width		300									
% of Gross											
Avg. Gross Face		8.1									
Start Station		12+40	0+00								
End Station		17+65	0+50								
Advance		575		575	5,250	4,180					9,430
Avg. Advance					771	431					24
Adv. Ft/Hr		29.4		29.4	12	26					31
Coverage		172,500		172,500	1,575,000	1,167,000					2,742,000
Avg. Coverage					231,311	120,421					166,182
Coverage/Hr		8,809		8,809							
Req. Grade + O.D.		26 - 29									
Dredged Elev.		26 - 29									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		43,171		43,171		340,261					340,261
Pay CY/Hr		2,204		2,204		2,142					1,122
Gross Cys		51,805		51,805		408,313					408,313
Gross CY/Hr		2,645		2,645		2,571					1,346
% of Gross		20%		20%		20%					20%
Start Station		39+50									
End Station		43+50									
Advance		400		400		1,430					1,430
Adv. Ft/Hr		20		20		9					5
Req. Grade						6					
Filled Elev.						4.5					

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	1+80	5.83	180	31	12,000	2,057

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 17 Page: 2 of 2 Date: 14-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						354						
Rack						30						
Horsepower					5100	5414						
Exhaust Temp.					966	935						
Dredge Fuel						8021						
Pump RPM					300	320						
In Pressure					4	312						
Out Pressure					166	160						
Water Vacuum												
Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		6.0	
Submerged Line		16,500		Velocity		13.5	
Shore Line		1,430					
Rubber Line							
Total Line Length		19,530					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work	2	1.42	11.33	6:40	8:10	Replace port swing cable. Added 4 shore pipe on fill.	1:30
Rubber Line			0.17	11:25	12:15	Fill - add 5 shore pipe.	0:50
Sub Line Dredge				15:50	16:25	Fill - add 5 shore pipe.	0:35
Clean Pipeline			0.25	21:40	22:50	Move dredge to next cut.	1:10
Clean Pump			1.50				
Clean Cutter/Suction			0.25		0:20	Move anchors (4x)	0:20
Anchors	4	0.33	4.58				
Traffic							
Move Dredge	1	1.17	6.83				
Re-pin Spuds							
Change Cutter							
Change Pump							
Misc	1	1.50	5.75				
Operational Total	8	4.42	30.66				
Weather Standby			34.33				
Weather Repairs							
Weather Moving			6.42				
Weather Total			40.75				
Pump RPR							
Cutter RPR							
Spud RPR			9.08				
Electrical			0.25				
Eng Rm In			10.09				
Eng Rm Out			1.83				
Mechanical Total			21.25			TOTAL	4:25
Bstr (1) Deck							
Bstr (1) Eng Rm							
Booster Total							
Total Lost Time	8	4.42	92.67				

REMARKS:

The dredge finished digging in Cut # 3 and moved into Cut #4 at around 22:00 hrs.

The dredge is continueing to pump sand to the fill.

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/15/2006 **Report #** 236

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 96

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 4	Feet
Fill Area	2 to 4	Feet
Wave Direction	SW	

TIDE:

+3.0	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE: 44+50/78 feet east of pay profile line no. CG9

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG9

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James pumped approx. 18,928 cys. of overburden material and 29,140 cys of sand material.
The overburden material was discharged overboard within the borrow area and the sand was discharged into the island breach area.
Operating time was 21 hrs 40 min.

The 542 repaired and operating at 11 hrs. and 30 min.Dug out OIAC between CM48 to CG25,Load 1 material barge and using it to cap closer at CG18A to CG19. 542 also covered spillboxes with material. Operating time 5.5 Hrs. (No night shift)
The linkbelt 418 repaired but did not operate today.
The Marsh Buggy 878 used where needed
The Marsh Buggy 879 building dikes for beach.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Weeks beach survey mark all grade lines for I.D for stake log.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating - idle
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating

Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -10:00AM to 11:00AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.
Daily Patrol -5:35 PM to 6:15PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; operating
542; under repair
Linkbelt 418; under repair

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Crews were briefed on the importance of safetyvests to be worn in all aspects of boating.

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours	1066.74	5.50	1072.24
Downtime Hours (Explain Below)	757.44	18.50	775.94
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

5:00 - 11:30	Down for repairs
12 Hrs	No night shift

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9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
At 16:50 Tom James stopped digging sand in cut 4 @ sta 4+80, moved to sta 6+65 to begin stripping mud.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 18 Page: 1 of 2 Date: 15-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	6.08	17.92		24.00	169.50	250.50					420.00
Operating Time	5.92	15.75		21.67	150.42	174.58					325.00
% of Total Time	97%	88%		90%	89%	70%					77%
Lost Time	0.17	2.17		2.33	19.08	41.58					60.67
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	18,928	29,140		48,068	344,182	437,453					781,635
Adjustments											
Avg. Gross Cys					48,734	41,912					
Gross CY/Hr	3,199	1,850		2,219	2,288	2,506					2,405
Gross Width	300	300									
% of Gross											
Avg. Gross Face	6.2	6.1									
Start Station	6+65	0+50									
End Station	9+40	4+80									
Advance	275	430		705	5,525	4,610					10,135
Avg. Advance					782	442					24
Adv. Ft/Hr	46.5	27.3		32.5	37	26					31
Coverage	82,500	129,000		211,500	1,657,500	1,296,000					2,953,500
Avg. Coverage					234,690	124,168					168,771
Coverage/Hr	13,944	8,190		9,762							
Req. Grade + O.D.	-20	-29									
Dredged Elev.	-20	-28									
Set Size	10	10									
Material Type	MUD	SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		24,283		24,283		380,717					380,717
Pay CY/Hr		1,849		1,121		2,181					1,171
Gross Cys		29,140		29,140		456,381					456,381
Gross CY/Hr		1,850		1,345		2,614					1,404
% of Gross		20%		20%		20%					20%
Start Station		43+50									
End Station		44+50									
Advance		100		100		1,530					1,530
Adv. Ft/Hr		6		5		9					5
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	11+66	5.92	226	38	14,540	2,457

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 18 Page: 2 of 2 Date: 15-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		239										
Rack		231										
Horsepower		3129										
Exhaust Temp.		800										
Dredge Fuel		6682										
Pump RPM		213										
In Pressure		8										
Out Pressure	5	59										
Water Vacuum												
Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		4.5	
Submerged Line		16,500		Velocity		1.0	
Shore Line							
Rubber Line							
Total Line Length		18,100					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			11.33
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	6	0.50	5.08
Traffic			
Move Dredge	1	1.67	8.50
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc (trash)	1	0.17	5.92
Operational Total	8	2.33	33.00
Weather Standby			34.33
Weather Repairs			
Weather Moving			6.42
Weather Total			40.75
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			10.09
Eng Rm Out			1.83
Mechanical Total			21.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	2.33	95.00

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
09:10	09:20	Valve on line would not close	0:10
16:15	17:55	Move dredge ahead from Sta 4+80 to 6+65.	1:40
	0:30	Move anchors (6x)	0:30
		TOTAL	2:20

REMARKS:

At 16:15 hrs, the dredge stopped digging sand in Cut 4 at Sta 4+80. The dredge then moved ahead
Cut 4 to Sta 6+65 and begain stripping mud.

Prepared By: Jason Settle Approved By: ____________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/16/2006 **Report #** 237

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 90

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 4	Feet
Fill Area	2 to 4	Feet
Wave Direction	SW	

TIDE:

+3.0	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE: 44+50/78 feet east of pay profile line no. CG9

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG9

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James stripped mud in cut # 4 to Sta 15+57. Moved dredge to cut # 5 and resumed stipping mud @ Sta 15+80 digging north. Operating time was 21 hrs 55 min. The excavated material was discharged overboard within the limits of the borrow area.

The 542 loaded 3 material barges to cap closures between CG18A-CG19. Material taken from OIAC at CM48 to CG25.
Operation time of 9Hrs and 40 Min. (No night shift)
The Marsh buggy 879 being used where needed.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material

2. Result of Surveillance:(Include satisfactory work completed or deficiencies with action taken.)
Weeks beach survey mark all grade lines for I.D for stake log.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating - idle
Weeks 878 Marsh Buggy- operable - idle
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -09:30 AM to 11:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported

Daily Patrol -5:45PM to 6:30 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received:(List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating
542; operating
Linkbelt 418; under repair

7. Safety Inspection:(Report violations noted; corrective instructions given; and corrective actions taken.)
Crews were briefed on the importance of fire safety, and a clean work/living environment.

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours	1072.24	9.66	1081.90
Downtime Hours (Explain Below)	775.94	14.34	790.28
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

8:30-9:30	fuel up
9:30-10:26	Fix cables
12 Hrs	No night shift

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

Safety meeting held at 11:00 AM with day and surveyors crew on fire safety & keeping a clean quarter boat for safety percautions
Another meeting following the same topics of safety for the night crew at approx. 5:30 P.M.
Paul Stewart (Acting Project Manager) conducted both meetings.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 19 Page: 1 of 2 Date: 16-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	193.50	250.50					444.00
Operating Time	21.92			21.92	172.33	174.58					346.92
% of Total Time	91%			91%	89%	70%					78%
Lost Time	2.08			2.08	21.17	41.58					62.75
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	43,941			43,941	388,123	437,453					825,576
Adjustments											
Avg. Gross Cys					48,139	41,912					
Gross CY/Hr	2,005			2,005	2,252	2,506					2,380
Gross Width	300										
% of Gross											
Avg. Gross Face	5.0										
Start Station	9+40	15+80									
End Station	15+57	17+58									
Advance	795			795	6,320	4,610					10,930
Avg. Advance					784	442					25
Adv. Ft/Hr	36.3			36.3	37	26					32
Coverage	238,500			238,500	1,896,000	1,296,000					3,192,000
Avg. Coverage					235,163	124,168					172,541
Coverage/Hr	10,882			10,882							
Req. Grade + O.D.	18-24										
Dredged Elev.	18-24										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						380,717					380,717
Pay CY/Hr						2,181					1,097
Gross Cys						456,381					456,381
Gross CY/Hr						2,614					1,316
% of Gross						20%					20%
Start Station											
End Station											
Advance						1,530					1,530
Adv. Ft/Hr						9					4
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:10	19+25	5.33	167	31	14,200	2,663

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 19 Page: 2 of 2 Date: 16-Jun-06

ENGINE ROOM & PUMP INFORMATION

	Stripping				Beach				Marsh			
ITEM	**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**	
Engine RPM		227										
Rack		28										
Horsepower		4117										
Exhaust Temp.		823										
Dredge Fuel		7457										
Pump RPM		211										
In Pressure	3	3										
Out Pressure		59										
Water Vacuum												
Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		6.0	
Submerged Line		16,500		Velocity		28.2	
Shore Line		1,530					
Rubber Line							
Total Line Length		19,630					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			11.33
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	5	0.42	5.50
Traffic			
Move Dredge	1	1.50	10.00
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc.	1	0.17	6.08
Operational Total	7	2.08	35.08
Weather Standby			34.33
Weather Repairs			
Weather Moving			6.42
Weather Total			40.75
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			10.09
Eng Rm Out			1.83
Mechanical Total			21.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	2.08	97.08

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
07:05	07:15	Check Ladder	0:10
16:35	18:05	Move dredge to Cut # 5	1:30
	0:25	Move anchors (5x)	0:25
		TOTAL	2:05

REMARKS:

Finnished stripping mud on Cut # 4 at Sta 15+57. Moved dredge over to Cut # 5 and resumed stripping at Sta 15+80 digging North bound.

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/17/2006 **Report #** 238

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 90

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 5	Feet
Fill Area	2 to 5	Feet
Wave Direction	SW	

TIDE:

+2.5	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE: 44+50/78 feet east of pay profile line no. CG9

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG9

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to strip mud in cut # 5. The excavated material was discharged overboard within the limits of the borrow area. .Operating time was 22 hrs 55 min.

The 542 loaded 2 material barges and placed on CG 18A to CG19 for capping. Maintained CM40 to CG 21 and CG14 to CG16
Advance was 70 feet on OIHC. Operating time of 10 Hrs. No night shift.
The linkbelt 418 capped CG25A to CG26

The Marsh Buggy 879 Did some dressing on westerly most breach.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operable - idle
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -10:30 AM to 11:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported

Daily Patrol -6:00PM to 7:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received:(List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating
542; Operating
Linkbelt 418; Operating

7. Safety Inspection:(Report violations noted; corrective instructions given; and corrective actions taken.)
Survey crew was briefed on safety for driving ATV on beach.

8. Progress Summary: 542

	Previous	This Day	To Date
Worked Hours	1081.90	10.08	1091.98
Downtime Hours (Explain Below)	790.28	13.92	804.20
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

9:00-10:55	Grease buckets and fix cable
12 Hrs	No night shift

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
None

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 20 Page: 1 of 2 Date: 17-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	217.50	250.50					468.00
Operating Time	22.92			22.92	195.25	174.58					369.83
% of Total Time	95%			95%	90%	70%					79%
Lost Time	1.08			1.08	22.25	41.58					63.83
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	70,405			70,405	458,528	437,453					895,981
Adjustments											
Avg. Gross Cys					50,596	41,912					
Gross CY/Hr	3,072			3,072	2,348	2,506					2,423
Gross Width	300										
% of Gross											
Avg. Gross Face	8.6										
Start Station	17+58										
End Station	24+98										
Advance	740			740	7,060	4,610					11,670
Avg. Advance					779	442					25
Adv. Ft/Hr	32.3			32.3	36	26					32
Coverage	222,000			222,000	2,118,000	1,296,000					3,414,000
Avg. Coverage					233,710	124,168					175,077
Coverage/Hr	9,687			9,687							
Req. Grade + O.D.	20-22										
Dredged Elev.	20-22										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		40,056		40,056		40,056					40,056
Pay CY/Hr		1,849		1,748		229					108
Gross Cys		48,068		48,068		48,068					48,068
Gross CY/Hr				2,098		275					130
% of Gross		20%		20%		20%					20%
Start Station		43+50									
End Station		44+50									
Advance		100		100		100					100
Adv. Ft/Hr				4		1					0
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	25+88	2.50	90	36	6,703	2,681

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 20 Page: 2 of 2 Date: 17-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		228										
Rack		24										
Horsepower		3129										
Exhaust Temp.		829										
Dredge Fuel		4397										
Pump RPM		216										
In Pressure	5	3										
Out Pressure		58										
Water Vacuum												
Working Vacuum												
Vane x Dia		4x48										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		6.0	
Submerged Line	16,500			Velocity			
Shore Line							
Rubber Line							
Total Line Length	18,100						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work			11.33	1:55	2:30	Engine Room - a valve bridge bolt broke	0:35
Rubber Line			0.17				
Sub Line Dredge					0:30	Move Anchors (6x)	0:30
Clean Pipeline			0.25				
Clean Pump			1.50				
Clean Cutter/Suction			0.25				
Anchors	6	0.50	6.00				
Traffic							
Move Dredge			10.00				
Re-pin Spuds							
Change Cutter							
Change Pump							
Misc.			6.08				
Operational Total	6	0.50	35.58				
Weather Standby			34.33				
Weather Repairs							
Weather Moving			6.42				
Weather Total			40.75				
Pump RPR							
Cutter RPR							
Spud RPR			9.08				
Electrical			0.25				
Eng Rm In	1	0.58	10.67				
Eng Rm Out			1.83				
Mechanical Total	1	0.58	21.84	**REMARKS:**			TOTAL 1:05
Bstr (1) Deck				The dredge continued stripping mud in Cut 5.			
Bstr (1) Eng Rm							
Booster Total							
Total Lost Time	7	1.08	98.17				

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/18/2006 **Report #** 239

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 98

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to4	Feet
Fill Area	2 to4	Feet
Wave Direction	NE	

TIDE:

+2.5	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE 44+50/78 feet east of pay profile line no. CG9

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG9

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to strip mud in cut # 5. The excavated material was discharged overboard within the limits of the borrow area. .Operating time was 18 hrs. 20 min.

The 542 loaded 2 material barges and sent to 418 linkbelt. 542 maintained dike between CG21 toCM42
542 dug out OIAC from CM48 to CG25
The linkbelt 418 placed material from CG25A to CG26, CG18A to CG19, CG15 to CG16. Linkbelt maintained dike from CG27 to CG28.
Operating time was 10 hrs. and 05 min.
The Marsh Buggy 879 Did some dressing on westerly most breach.
Marsh buggy 878 used where needed.
D6- # 8827 - shaping and dressing material
D6- # 8833 - shaping and dressing material
D6- # 8848 - shaping and dressing material
D6- # 8835 - shaping and dressing material
D6- # 8820 - shaping and dressing material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
Weeks beach survey stake beach grade as far as they can on seaward side up to station 80+00
542 survey crew completed ck surveys from C6-23-CM48

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -8:30 AM to 10:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -5:00PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach was also patrolled on this day. While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)
None.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating
542; Operating
Linkbelt 418; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Survey crew was briefed on safety for driving ATV on beach.

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1091.98	10.08	1102.06
Downtime Hours (542) (Explain Below)	804.20	13.92	818.12
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of Downtime:

10:00 11:55	Work on bucket
12 Hrs	No night shift

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 21 Page: 1 of 2 Date: 18-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	241.50	250.50					492.00
Operating Time	18.33			18.33	213.58	174.58					388.17
% of Total Time	76%			76%	88%	70%					79%
Lost Time	5.67			5.67	27.92	41.58					69.50
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	34,364			34,364	492,892	437,453					930,345
Adjustments											
Avg. Gross Cys					48,983	41,912					
Gross CY/Hr	1,874			1,874	2,308	2,506					2,397
Gross Width	300										
% of Gross											
Avg. Gross Face	5.4										
Start Station	24+98										
End Station	30+70										
Advance	572			572	7,632	4,610					12,242
Avg. Advance					758	442					25
Adv. Ft/Hr	31.2			31.2	36	26					32
Coverage	171,600			171,600	2,289,600	1,296,000					3,585,600
Avg. Coverage					227,538	124,168					174,907
Coverage/Hr	9,360			9,360							
Req. Grade + O.D.	18-20										
Dredged Elev.	18-20										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						380,717					380,717
Pay CY/Hr						2,181					981
Gross Cys						456,381					456,381
Gross CY/Hr						2,614					1,176
% of Gross						20%					20%
Start Station											
End Station											
Advance						1,530					1,530
Adv. Ft/Hr						9					4
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	32+40	5.92	170	29	5,838	987

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 21 Page: 2 of 2 Date: 18-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		231										
Rack		26										
Horsepower		3858										
Exhaust Temp.		808										
Dredge Fuel		6665										
Pump RPM		211										
In Pressure	4	3										
Out Pressure		59										
Water Vacuum												
Working Vacuum												
Vane x Dia		4x48										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		4.5	
Submerged Line	16,500			Velocity		30.1	
Shore Line	1,925						
Rubber Line							
Total Line Length	20,025						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			11.33
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	5	0.42	6.42
Traffic			
Move Dredge			10.00
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc.	1	1.33	7.42
Operational Total	6	1.75	37.33
Weather Standby	1	3.92	38.25
Weather Repairs			
Weather Moving			6.42
Weather Total	1	3.92	44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			10.67
Eng Rm Out			1.83
Mechanical Total			21.84
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	5.67	103.83

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
2:30	6:25	Pumping water due to rough seas	3:55
15:30	16:50	Change strb. swing cable	1:20
	0:25	Move anchors (5x)	0:25
		TOTAL	5:40

REMARKS:

The dredge is continuing to strip mud in Cut 5.

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/19/2006 **Report #** 240

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 98

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+2.5	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE 48+45/12 feet west of pay profile line no. CG10

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG10

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to strip mud in cut # 5 and discharged overboard within borrow area limits. The dredge finished stripping at approx. 06:00 Hrs. at sta 32+40. Then moved to cut #4 sta. 4+50 to begin digging sand for beach area fill at approx. 08:00 hrs.
Approx. 23,218 cys of sand material were dug and pumped on to beach moving eastward from sta 44+50 to 48+45 for an advance of 395'.
operating time was 20 hrs. and 15 min. The excavated material was discharged into the island breach area.

The 542 loaded 2 material barges and sent to 418 linkbelt.
542 dug out OIAC from CM48 to CG25
The linkbelt 418 placed material from CG11 to CG 12.
Operating time was 10 hrs. and 5 min.. No night shift

The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no descrepencies.
Grade and alignment continue to be staked on beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe
or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operable - idle
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol -8:30 AM to 10:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -5:00PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)
Fix any descrepencies in QC reports from 6-9-06 to present.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?
Tom James; Operating
542; Operating
Linkbelt 418; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1102.06	10.08	1112.14
Downtime Hours (542) (Explain Below)	818.12	13.92	832.04
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:

9:00-9:15	Grease Bucket
12:00-12:45	Service engine
2:00-2:15	Grease Bucket
3:00-3:40	Engine cooldown
12 hrs	No night shift

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 22 Page: 1 of 2 Date: 19-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	6.08	17.92		24.00	247.58	268.42					516.00
Operating Time	6.08	14.17		20.25	219.67	188.75					408.42
% of Total Time	100%	79%		84%	89%	70%					79%
Lost Time	0	3.75		3.75	27.92	45.33					73.25
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	5,838	23,218		29,056	498,730	460,671					959,401
Adjustments											
Avg. Gross Cys					48,345	41,190					
Gross CY/Hr	960	1,639		1,435	2,270	2,441					2,349
Gross Width	300	300									
% of Gross											
Avg. Gross Face	3.1	5.7									
Start Station	30+70	4+50									
End Station	32+40	8+15									
Advance	170	365		535	7,802	4,975					12,777
Avg. Advance					756	445					25
Adv. Ft/Hr	27.9	25.8		26.4	36	26					31
Coverage	51,000	109,500		160,500	2,340,600	1,405,500					3,746,100
Avg. Coverage					226,891	125,670					174,237
Coverage/Hr	8,384	7,729		7,926							
Req. Grade + O.D.	-18	-28									
Dredged Elev.	-18	-28									
Set Size	10	10									
Material Type	MUD	SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		19,348		19,348		400,065					400,065
Pay CY/Hr		955		955		2,120					980
Gross Cys		23,218		23,218		479,599					479,599
Gross CY/Hr		1,639		1,147		2,541					1,174
% of Gross		20%		20%		20%					20%
Start Station		44+50									
End Station		48+45									
Advance		395		395		395					395
Adv. Ft/Hr		28		20		2					1
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:15	9+75	6.08	160	26	10,664	1,753

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 22 Page: 2 of 2 Date: 19-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						325						
Rack						30						
Horsepower						5855						
Exhaust Temp.						945						
Dredge Fuel						4880						
Pump RPM						301						
In Pressure					6	3						
Out Pressure						151						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		4.5	
Submerged Line		16,500		Velocity		13.4	
Shore Line		1,930					
Rubber Line							
Total Line Length		20,030					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work	3	1.17	12.50	6:05	8:05	Move dredge to Cut 4 - start pumping sand	2:00
Rubber Line			0.17	8:45	9:00	Spoil Area - fix leak	0:15
Sub Line Dredge				13:00	13:10	Engine Room - clean strainer	0:10
Clean Pipeline			0.25	13:10	13:30	Spoil Area - add 3 shore pipe	0:20
Clean Pump			1.50	15:40	16:15	Spoil Area - add 6 shore pipe	0:35
Clean Cutter/Suction			0.25				
Anchors	5	0.42	6.83		0:25	Move anchors (5x)	0:25
Traffic							
Move Dredge	1	2.00	12.00				
Re-pin Spuds							
Change Cutter							
Change Pump							
Misc.			7.42				
Operational Total	9	3.58	40.91				
Weather Standby			38.25				
Weather Repairs							
Weather Moving			6.42				
Weather Total			44.67				
Pump RPR							
Cutter RPR							
Spud RPR			9.08				
Electrical			0.25				
Eng Rm In	1	0.17	10.84				
Eng Rm Out			1.83				
Mechanical Total	1	0.17	22.00	**REMARKS:**		TOTAL	3:45
Bstr (1) Deck							
Bstr (1) Eng Rm							
Booster Total							
Total Lost Time	10	3.75	107.58				

REMARKS:
At ~06:00 hrs, the dredge finished stripping the mud from Cut # 5 (Sta 32+40)and moved back to
(Sta 4+50). The dredge reconnected to the subline and begain pumping sand to the fill at ~ 08:00

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/20/2006 **Report #** 241

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 2	Feet	+2.5	AM	Morning tide
Fill Area	1 to 2	Feet	-1.0	PM	Evening tide
Wave Direction	SW				

LOCATION OF DISCHARGE 48+45/11 feet west of pay profile line no. CG10

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG10

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to pump material into the island breachand pushed material to 2nd breach at approx. sta. 77+50.
Approx. 52,697 gross cys of sand material discharged on to beach moving eastward from sta 48+45, pushing material to approx. sta 77+50.
No shore pipe was added for this advance. Afterwards shore crew broke pipe and set up at sta. 29+20 to begin pumping eastward.
Shorepipe rerouted and 4 sections were added. Operating time of 21 hrs and 55 min.

The 542 loaded 2 material barges and sent to 418 linkbelt.
542 dug out OIAC from CM48 to CG25A
The linkbelt 418 placed material from CG11 to CG 12.
Operating time was 7 hrs. and 40 min. No night shift

The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no descrepencies.
Grade and alignment continue to be staked on beach.
XYZs were located for proposed cuts in dikes for water run off by survey crew.
3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe
or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operable - idle
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 9:30 AM to 10:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -5:00PM to 6:00 PM - Daily bird patrol was conducted.The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)
Finish fixing descrepencies in QC reports from 6-9-06 to present.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?
Tom James; Operating
542; Operating
Linkbelt 418; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1112.14	7.67	1119.81
Downtime Hours (542) (Explain Below)	832.04	16.33	848.37
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:

8:38 -8:48	Grease Bucket
9:24-10:34	Fuel Captain John tug
10:40 - 1:40	Repair swing shaft adapter
17:00 - 5:00	No night shift

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
All is well today

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 23 Page: 1 of 2 Date: 20-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	247.58	292.42					540.00
Operating Time		21.92		21.92	219.67	210.67					430.33
% of Total Time		91%		91%	89%	72%					80%
Lost Time		2.08		2.08	27.92	47.42					75.33
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		52,697		52,697	498,730	513,368					1,012,098
Adjustments											
Avg. Gross Cys					48,345	42,135					
Gross CY/Hr		2,404		2,404	2,270	2,437					2,352
Gross Width		300									
% of Gross											
Avg. Gross Face		8.6									
Start Station		8+15									
End Station		13+65									
Advance		550		550	7,802	5,525					13,327
Avg. Advance					756	453					25
Adv. Ft/Hr		25.1		25.1	36	26					31
Coverage		165,000		165,000	2,340,600	1,570,500					3,911,100
Avg. Coverage					226,891	128,898					173,827
Coverage/Hr		7,529		7,529							
Req. Grade + O.D.		-29									
Dredged Elev.		-29									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		43,914		43,914		443,979					443,979
Pay CY/Hr		2,004		2,004		2,107					1,032
Gross Cys		52,697		52,697		532,296					532,296
Gross CY/Hr		2,404		2,404		2,527					1,237
% of Gross		20%		20%		20%					20%
Start Station		48+45									
End Station		48+45									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:10	15+02	6.08	137	23	15,737	2,587

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 23 Page: 2 of 2 Date: 20-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						320						
Rack						35						
Horsepower						7516						
Exhaust Temp.						949						
Dredge Fuel						8814						
Pump RPM						297						
In Pressure					4	4						
Out Pressure						153						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		6.0	
Submerged Line	16,500			Velocity		14.3	
Shore Line							
Rubber Line							
Total Line Length	18,100						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	1.67	14.17
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	5	0.42	7.25
Traffic			
Move Dredge			12.00
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc.			7.42
Operational Total	6	2.08	43.00
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			10.84
Eng Rm Out			1.83
Mechanical Total			22.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	2.08	109.67

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
15:00	16:40	Spoil Area - Re-route shore line. Broke back & flipped elbow. Then added 4 shore pipe.	1:40
	0:25	Move anchors (5x)	0:25
		TOTAL	2:05

REMARKS:

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/21/2006 **Report #** 242

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+2.5	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE 27+92/128 feet east of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to pump material onto beach. Material was moved to 27+92. Advance was approx 132'.
Approx.46,600 gross cys of sand material were discharged on to beach . Operating time was 22 hrs. and 45 min.
Survey crew performing checks. (As filled and placed material allows)
4 D6 dozers worked shaping and dressing the pumped material
Marsh buggy 878 working on landward dike on beachfilll.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no discrepancy's.
Grade and alignment continue to be staked on beach.
XYZs were located for proposed cuts in dikes for water run off by survey crew.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- repairs
Weeks Linkbelt Dragline 418 - operable - idle
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 10:30 AM to 11:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -5:00PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)
Finish fixing deficiencies in QC reports from 6-9-06 to present.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating
542- Down due to mechanical problems.
Linkbelt 418- Operating, Idle

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew performed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1119.81	0.00	1119.81
Downtime Hours (542) (Explain Below)	838.37	24.00	862.37
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:

5:00 - 5:00	Torque converter down.
12 Hrs	No night shift

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 24 Page: 1 of 2 Date: 21-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	247.58	316.42					564.00
Operating Time		22.75		22.75	219.67	233.42					453.08
% of Total Time		95%		95%	89%	74%					80%
Lost Time		1.25		1.25	27.92	48.67					76.58
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		46,600		46,600	498,730	559,968					1,058,698
Adjustments											
Avg. Gross Cys					48,345	42,473					
Gross CY/Hr		2,048		2,048	2,270	2,399					2,337
Gross Width		300									
% of Gross											
Avg. Gross Face		7.0									
Start Station		13+65	21+75								
End Station		15+25	17+35								
Advance		600		600	13,927						13,927
Avg. Advance					1,350						25
Adv. Ft/Hr		26.4		26.4	63						31
Coverage		180,000		180,000	2,340,600	1,750,500					4,091,100
Avg. Coverage					226,891	132,774					174,089
Coverage/Hr		7,912		7,912							
Req. Grade + O.D.		26-30									
Dredged Elev.		26-30									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		38,833		38,833		482,812					482,812
Pay CY/Hr		1,707		1,707		2,068					1,066
Gross Cys		46,600		46,600		578,896					578,896
Gross CY/Hr		2,048		2,048		2,480					1,278
% of Gross		20%		20%		20%					20%
Start Station		29+20									
End Station		27+92									
Advance		128		128		128					128
Adv. Ft/Hr		6		6		1					0
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	16+20	4.25	115	27	9,500	2,235

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 24 Page: 2 of 2 Date: 21-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						335						
Rack						33						
Horsepower						5855						
Exhaust Temp.						963						
Dredge Fuel						8167						
Pump RPM						301						
In Pressure												
Out Pressure						166						
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		4.5	
Submerged Line	16,500			Velocity		14.9	
Shore Line	128						
Rubber Line							
Total Line Length	18,228						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			14.17
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	5	0.42	7.67
Traffic			
Move Dredge	1	0.83	12.83
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc.			7.42
Operational Total	6	1.25	44.25
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			10.84
Eng Rm Out			1.83
Mechanical Total			22.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	1.25	110.92

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
7:15	8:05	Move dredge to cut #5 Sta. 21+75 to start digging down station	0:50
	0:25	Move anchors (5x)	0:25
		TOTAL	1:15

REMARKS:

Daily checks are being taken in borrow area and show that although the cutter occasionally falls be the project depth we are not digging to deep.

Prepared By: **Chad Bragg** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/22/2006 **Report #** 243

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+2.5	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE 23+90/46 feet west of pay profile line no. CG5

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to pump material onto beach. Material was moved to 23+90. Advance was approx 402'.
Approx. 31,500 gross cys of sand material were discharged to beach. Approx. 12 pieces of shore pipe were added.
Survey crew performing checks. (As filled and placed material allows)
Tom James operating time was 14 hrs. and 40 min.
4 D6 dozers worked shaping and dressing the pumped material.
Marsh buggy 878 working where needed.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade and alignment continue to be staked on beach.
Check surveys being done for placed material on the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- repairs
Weeks Linkbelt Dragline 418 - operaable -idle
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable- idle
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 9:00 AM to 10:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -5:00PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)
Steps being taken to avoid any over dredging in borrow area.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating
542- Down due to mechanical problems.
Linkbelt 418- Operating, Idle

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1119.81	0.00	1119.81
Downtime Hours (542) (Explain Below)	862.37	24.00	886.37
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:

5:00 - 5:00	Torque converter down.
12 Hrs	No night shift

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 25 Page: 1 of 2 Date: 22-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	247.58	340.42					588.00
Operating Time		14.67		14.67	219.67	248.08					467.75
% of Total Time		61%		61%	89%	73%					80%
Lost Time		9.33		9.33	27.92	58.00					85.92
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		31,500		31,500	498,730	591,468					1,090,198
Adjustments											
Avg. Gross Cys					48,345	41,700					
Gross CY/Hr		2,148		2,148	2,270	2,384					2,331
Gross Width		300									
% of Gross											
Avg. Gross Face		6.9									
Start Station		17+35	20+95								
End Station		16+00	23+70								
Advance		410		410	14,337						14,337
Avg. Advance					1,390						24
Adv. Ft/Hr		28.0		28.0	65						31
Coverage					2,340,600	1,750,500					4,091,100
Avg. Coverage					226,891	123,413					166,984
Coverage/Hr											
Req. Grade + O.D.		28-30									
Dredged Elev.		28-30									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		26,250		26,250		509,062					509,062
Pay CY/Hr		1,790		1,790		2,052					1,088
Gross Cys		31,500		31,500		610,396					610,396
Gross CY/Hr		2,148		2,148		2,460					1,305
% of Gross		20%		20%		20%					20%
Start Station		27+92									
End Station		23+90									
Advance		402		402		402					402
Adv. Ft/Hr		27		27		2					1
Req. Grade		6									
Filled Elev.		4.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	24+90	4.30	120	28	8,800	2,047

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 25 Page: 2 of 2 Date: 22-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						350						
Rack						35						
Horsepower						6925						
Exhaust Temp.						959						
Dredge Fuel						6306						
Pump RPM						324						
In Pressure												
Out Pressure						170						
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		6.0	
Submerged Line	16,500			Velocity		15.2	
Shore Line	402						
Rubber Line							
Total Line Length	18,502						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	6	3.75	17.92
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	4	0.33	8.00
Traffic			
Move Dredge	1	0.42	13.25
Re-pin Spuds			
Change Cutter			
Change Pump			
Misc.			7.42
Operational Total	11	4.50	48.75
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	1	0.17	11.00
Eng Rm Out	1	4.67	6.50
Mechanical Total	2	4.83	26.84
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	13	9.33	120.25

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
1:40	2:35	Fill: add shore pipe(4)	0:55
2:40	2:50	Engine room(check main engine)	0:10
4:20	4:55	Fill: add shore pipe(2)	0:35
6:40	11:20	Engine room(change brushes on cutter motor)	4:40
12:20	12:45	Stoped at supd sta 18+35 turned dredge around to start at spud sta	0:25
19:00	19:35	Fill: add shore pipe(2)	0:35
20:25	20:55	Fill: add shore pipe(2)	0:30
21:00	21:20	Fill: put elbow back on line	0:20
10:35	11:25	Fill: add shore pipe(2)	0:50
	0:20	Move anchors (4x)	0:20
		TOTAL	9:20

REMARKS:

Daily checks are being taken in borrow area and show that although the cutter occasionally falls be the project depth we are not digging to deep. The shore crew added 12 pipe this period. The dredg turned around at sta 18+35 12:20 this period to start digging at sta 20+95 and continue up station.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/23/2006 **Report #** 244

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 2	Feet	+2.5	AM	Morning tide
Fill Area	1 to 2	Feet	-1.0	PM	Evening tide
Wave Direction	SW				

LOCATION OF DISCHARGE: 21+90/246 feet west of pay profile line no. CG5

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to pump material onto beach. Material was moved to 21+90. Advance was approx 200'.
Approx. 43,700 gross cys of sand material were discharged on the beach. Approx. 6 pieces of shore pipe were added.
Survey crew performing checks. (As filled and placed material allows)
Tom James operating time was 19 hrs. and 55 min. The 542 was operating at approx.15:00 Hrs
and continued working on the primary dike. The linkbelt 418 remained idle.
The tug boat Augustas arrived at approx. 11:00 with fuel a front- end loader, and another marshbuggy.
4 D6 dozers shaping and dressing.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade and alignment continue to be staked on beach.
Check surveys being done for placed material on the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe
or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
966F loader # 8409 - operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating

ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 9:00 AM to 10:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -5:00PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
Steps being taken to avoid any over dredging in borrow area.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?
Tom James - operating
542- operating.
Linkbelt 418- operating, Idle

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1119.81	2.00	1121.81
Downtime Hours (542) (Explain Below)	886.37	22.00	908.37
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:
5:00 - 3:00 Torque converter down.
12 Hrs No night shift

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 26 Page: 1 of 2 Date: 23-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	247.58	364.42					612.00
Operating Time		19.92		19.92	219.67	268.00					487.67
% of Total Time		83%		83%	89%	74%					80%
Lost Time		4.08		4.08	27.92	62.08					90.00
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		43,700		43,700	498,730	635,168					1,133,898
Adjustments											
Avg. Gross Cys					48,345	41,831					
Gross CY/Hr		2,194		2,194	2,270	2,370					2,325
Gross Width		300									
% of Gross											
Avg. Gross Face		7.5									
Start Station		23+70									
End Station		28+95									
Advance		525		525	14,337	525					14,862
Avg. Advance					1,390	35					24
Adv. Ft/Hr		26.4		26.4	65	2					30
Coverage		157,500		157,500	2,340,600	1,908,000					4,248,600
Avg. Coverage					226,891	125,658					166,612
Coverage/Hr		7,908		7,908							
Req. Grade + O.D.		28-30									
Dredged Elev.		28-30									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		36,416		36,416		545,478					545,478
Pay CY/Hr		1,828		1,828		2,035					1,119
Gross Cys		43,700		43,700		654,096					654,096
Gross CY/Hr		2,194		2,194		2,441					1,341
% of Gross		20%		20%		20%					20%
Start Station		23+90									
End Station		21+90									
Advance		200		200		200					200
Adv. Ft/Hr		10		10		1					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	29+60	1.40	65	46	3,140	2,243

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 26 Page: 2 of 2 Date: 23-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						325						
Rack						31						
Horsepower						5505						
Exhaust Temp.						934						
Dredge Fuel						7782						
Pump RPM						297						
In Pressure												
Out Pressure						159						
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		6.0	
Submerged Line	16,500			Velocity		14.6	
Shore Line	198						
Rubber Line							
Total Line Length	18,298						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	2.17	20.08
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	5	0.42	8.42
Traffic			
Move Dredge			13.25
Re-pin Spuds			
Change Cutter	1	1.08	1.08
Change Pump			
Misc.			7.42
Operational Total	9	3.67	52.41
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	1	0.42	11.42
Eng Rm Out			6.50
Mechanical Total	1	0.42	27.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	4.08	124.33

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:30	1:10	Fill: addshore pipe(2)	0:40
2:55	3:45	Fill: addshore pipe(2)	0:50
7:35	8:40	Change cutter	1:05
13:00	13:25	Fix service water leak in the engine room	0:25
22:45	23:25	Fill: addshore pipe(2)	0:40
	0:25	Move anchors 5x	0:25
		TOTAL	4:05

REMARKS:

Daily checks are being taken in borrow area and show that although the cutter occasionally falls be
the project depth we are not digging to deep. The shore crew added 6 pipe this period.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/24/2006 **Report #** 245

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy / occasional thunderstorm. **TEMPERATURE:** Min. 80 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+2.5	AM	Morning tide
-1.0	PM	Evening tide

LOCATION OF DISCHARGE: 21+17/165 feet east of pay profile line no. CG3

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG3

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to pump material onto beach. Material was moved to 21+90 to 21+17. Advance was approx 70'.
Approx. 4890 cys of sand material were discharged on beach. Approx.2 pieces of shore pipe were added.
Survey crew performing checks. (As filled and placed material allows)
Tom James quit pumping on beach and continued to strip mud in cut # 6 at approx. 6:50 a.m.
The excavated stripping material was discharged overboard within the limits of the borrow area.
The 542 moved and stockpiled material to closure between CG11 and CG12. Crew put out 3 caution signs at closures between CG25A - CG26, CG18A - CG19,and CG15 - CG16.
The linkbelt 418 remained idle.
4 D6 dozers shaped and dressed.
The Marsh Buggy 878 -Worked on dike closure on far west end of project.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade and alignment continue to be staked on beach.
Check surveys being done for placed material on the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
966F loader # 8409 - operating
Crew Boat Walter W - operable - idle

Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 10:30 AM to 11:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -5:15 PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
Steps being taken to avoid any over dredging in borrow area.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?
Tom James; Operating
542- Operating
Linkbelt 418- Operating, Idle

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies.

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1121.81	10.57	1132.38
Downtime Hours (542) (Explain Below)	908.37	13.43	921.80
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:

6:00 to 6:10	Took on fuel from tugboat Augusta
11:00 to 11:18	Fueled Bayou Princess
1:45 to 2:20	Fueled and serviced 542
12 Hrs	No night shift

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths. (See attached swing file forms.)

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 27 Page: 1 of 2 Date: 24-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	17.17	6.83		24.00	264.75	371.25					636.00
Operating Time	14.00	2.25		16.25	233.67	270.25					503.92
% of Total Time	82%	33%		68%	88%	73%					79%
Lost Time	3.17	4.58		7.75	31.08	66.67					97.75
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	33,900	4,890		38,790	532,630	640,058					1,172,688
Adjustments											
Avg. Gross Cys					48,284	41,377					
Gross CY/Hr	2,421	2,173		2,387	2,279	2,368					2,327
Gross Width	300	300									
% of Gross											
Avg. Gross Face	7.4	6.8									
Start Station	29+30	28+95									
End Station	25+15	29+60									
Advance	415	65		480	14,752	590					15,342
Avg. Advance					1,337	38					24
Adv. Ft/Hr	29.6	28.9		29.5	63	2					30
Coverage	124,500	19,500		144,000	2,465,100	1,927,500					4,392,600
Avg. Coverage					223,465	124,606					165,758
Coverage/Hr	8,893	8,667		8,862							
Req. Grade + O.D.	18-20	28-30									
Dredged Elev.	18-20	28-30									
Set Size	10	10									
Material Type	MUD	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		4,075		4,075		549,553					549,553
Pay CY/Hr		251		251		2,033					1,091
Gross Cys		4,890		4,890		658,986					658,986
Gross CY/Hr		2,173		301		2,438					1,308
% of Gross		20%		20%		20%					20%
Start Station		21+90									
End Station		21+17									
Advance		73		73		73					73
Adv. Ft/Hr		32		4		0					0
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	23+50	6.00	165	28	15,500	2,583

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 27 Date: 24-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						240						
Rack						27						
Horsepower						3688						
Exhaust Temp.						810						
Dredge Fuel						5609						
Pump RPM						218						
In Pressure												
Out Pressure						63						
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		6.0	
Submerged Line	16,500			Velocity		31.1	
Shore Line	66						
Rubber Line							
Total Line Length	18,166						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			20.08
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.25
Anchors	2	0.17	8.58
Traffic			
Move Dredge	1	2.25	15.50
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc.			7.42
Operational Total	3	2.42	54.83
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	2	5.33	16.75
Eng Rm Out			6.50
Mechanical Total	2	5.33	32.59
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	7.75	132.08

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
1:40	6:15	Engine room: breaker on lighting transformer	4:35
6:50	9:05	Move dredge to cut #6 to start stripping at sta. 31+65	2:15
16:00	16:45	Engine room: Clean cooler on EMD	0:45
	0:10	Move anchors 2x	0:10
		TOTAL	7:45

REMARKS:

Daily checks are being taken in borrow area and show that although the cutter occasionally falls be
the project depth we are not digging to deep.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/25/2006 **Report #** 246

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 2	Feet	+2.5	AM	Morning tide
Fill Area	1 to 2	Feet	-1.0	PM	Evening tide
Wave Direction	NE				

LOCATION OF DISCHARGE: NA feet west of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to strip mud in cut # 6. Discharging in borrow area within the limits of said area.
Approx. 63,200 gross cys were stripped and discharged.
Survey crew performing checks. (As filled and placed material allows)And replacing any missing stakes.
Tom James operating time was 23 hrs and 5 min.
The 542 loaded barges and sent to the linkbelt 418 to build closure between CG11 and CG12.
The 542 swept access between CG24 and CG25.
4 D6 dozers shaping and dressing.
Marsh buggy 865 moving debris for burnpiles.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade and alignment continue to be staked on beach.
Check surveys being done for placed material on the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe
or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
966F loader # 8409 - operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating

Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol-10:00 AM to 11:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -5:00PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
Steps being taken to avoid any over dredging in borrow area.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?
Tom James - Operating
542- Operating
Linkbelt 418- Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1132.38	10.66	1143.04
Downtime Hours (542) (Explain Below)	921.80	13.34	935.14
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime

12 Hrs	No night shift
7:00 - 7:45	Change buckets
1:05 - 1:40	Service 542

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 28 Page: 1 of 2 Date: 25-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	288.75	371.25					660.00
Operating Time	23.08			23.08	256.75	270.25					527.00
% of Total Time	96%			96%	89%	73%					80%
Lost Time	0.92			0.92	32.00	66.67					98.67
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	63,200			63,200	595,830	640,058					1,235,888
Adjustments											
Avg. Gross Cys					49,524	41,377					
Gross CY/Hr	2,738			2,738	2,321	2,368					2,345
Gross Width	300										
% of Gross											
Avg. Gross Face	8.0										
Start Station	25+15										
End Station	18+00										
Advance	715			715	15,467	590					16,057
Avg. Advance					1,286	38					24
Adv. Ft/Hr	31.0			31.0	60	2					30
Coverage	214,500			214,500	2,679,600	1,927,500					4,607,100
Avg. Coverage					222,720	124,606					167,531
Coverage/Hr	9,292			9,292							
Req. Grade + O.D.	18-24										
Dredged Elev.	18-24										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						549,553					549,553
Pay CY/Hr						2,033					1,043
Gross Cys						658,986					658,986
Gross CY/Hr						2,438					1,250
% of Gross						20%					20%
Start Station	#REF!										
End Station											
Advance	#REF!			#REF!	#REF!						#REF!
Adv. Ft/Hr	#REF!			#REF!	#REF!						#REF!
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	16+00	6.00	200	33	17,035	2,839

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 28 Date: 25-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		238										
Rack		26										
Horsepower		3659										
Exhaust Temp.		796										
Dredge Fuel		7785										
Pump RPM		217										
In Pressure												
Out Pressure		57										
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	#REF!	6.0	
Submerged Line	16,500			Velocity		30.6	
Shore Line	66						
Rubber Line							
Total Line Length	18,166						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			20.08
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction	1	0.17	0.42
Anchors	5	0.42	9.00
Traffic			
Move Dredge			15.50
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc.			7.42
Operational Total	6	0.58	55.41
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	2	0.33	17.09
Eng Rm Out			6.50
Mechanical Total	2	0.33	32.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	0.92	133.00

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
7:15	7:25	Clean cutter	0:10
12:40	12:50	Engine room: clean service water pump strainers	0:10
20:50	21:00	Engine room: clean service water pump strainers	0:10
	0:25	Move anchors 5x	0:25
		TOTAL	0:55

REMARKS:

At 14:40 the dredge began running on the main gen. only, due to overheating.

Prepared By: Chad Bragg Approved By: #REF!

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/26/2006 **Report #** 247

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 2	Feet	+2.5	AM	Morning tide
Fill Area	1 to 2	Feet	-1.0	PM	Evening tide
Wave Direction	NE				

LOCATION OF DISCHARGE: NA feet west of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to strip mud in cut # 6. Discharging in borrow area within the limits of said area.
Approx. 63,100 cys were stripped and discharged.
Survey crew performing checks. (As filled and placed material allows)And replacing any missing stakes.
Tom James operating time was 23 hrs and 5 min.
(This will be for mud to run into the next marsh area east) four 30" od steel pipe were placed for the runoff.
The 542 swept access between CG24 and CG25. They loaded 5 barges and sent to the linkbelt 418.
The linkbelt 418 built closure between CG11 and CG12.
4 D6 dozers shaping and dressing.
The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade and alignment continue to be staked on beach.
Check surveys being done for placed material on the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
966F loader # 8409 - operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 9:30 AM to 10:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -4:00PM to 5:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled with the ATV. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
Steps being taken to avoid any over dredging in borrow area.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James - Operating
542- Operating
Linkbelt 418- Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1143.04	9.66	1152.70
Downtime Hours (542) (Explain Below)	935.14	14.34	949.48
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:

12 Hrs	No nightshift
9:05 - 9:15	Grease bucket
9:15 - 9:25	Fuel Bayou Princess
12:30 - 1:12	Service 542
2:30 - 2:50	Hoist engine cool down
4:00 - 5:00	Wash out radiator

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 29 Page: 1 of 2 Date: 26-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	312.75	371.25					684.00
Operating Time	23.08			23.08	279.83	270.25					550.08
% of Total Time	96%			96%	89%	73%					80%
Lost Time	0.92			0.92	32.92	66.67					99.58
Standby Time						34.33					34.33
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	62,100			62,100	657,930	640,058					1,297,988
Adjustments											
Avg. Gross Cys					50,489	41,377					
Gross CY/Hr	2,690			2,690	2,351	2,368					2,360
Gross Width	300										
% of Gross											
Avg. Gross Face	8.8										
Start Station	18+00										
End Station	11+67										
Advance	633			633	16,100	590					16,690
Avg. Advance					1,235	38					24
Adv. Ft/Hr	27.4			27.4	58	2					30
Coverage	189,900			189,900	2,869,500	1,927,500					4,797,000
Avg. Coverage					220,201	124,606					168,316
Coverage/Hr	8,227			8,227							
Req. Grade + O.D.	26										
Dredged Elev.	26										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						549,553					549,553
Pay CY/Hr						2,033					999
Gross Cys						658,986					658,986
Gross CY/Hr						2,438					1,198
% of Gross						20%					20%
Start Station											
End Station											
Advance						73					73
Adv. Ft/Hr						0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	10+00	6.00	220	37	17,000	2,833

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 29 Page: 2 of 2 Date: 26-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		238										
Rack		25										
Horsepower		3882										
Exhaust Temp.		788										
Dredge Fuel		7835										
Pump RPM		218										
In Pressure												
Out Pressure		54										
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	31.1		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			20.08
Rubber Line			0.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.42
Anchors	6	0.50	9.50
Traffic			
Move Dredge			15.50
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc.	1	0.33	7.75
Operational Total	7	0.83	56.25
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	1	0.08	17.17
Eng Rm Out			6.50
Mechanical Total	1	0.08	33.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	0.92	133.92

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
8:05	8:25	Checking discharge for build up	0:20
19:15	19:20	Engine room(mist detector)	0:05
	0:30	Move anchors 6x	0:30
		TOTAL	0:55

REMARKS:

At 12:00 noon the Cat generator was back on line. When the dredge reached the end of cut #6 inst
of moving they turned and began digging along the East side of the borrow area just south of cut #6
The dredge will continue this cut.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/27/2006 **Report #** 248

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE:

+1.3	AM	Morning tide
+0.3	PM	Evening tide

LOCATION OF DISCHARGE: NA feet west of pay profile line no. NA

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. NA

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to strip mud in cut # 6. Discharging in borrow area within the limits of said area.
Approx. 61,400 cys (gross) were stripped and discharged.
Survey crew performing checks. (As filled and placed material allows)
Tom James operating time was 22 hrs. And 50 min
The 542 swept access canal between CM48 and CG25. 542 crew placed 1 caution sign up at CG1. operating time of 8 Hrs
The 418 linkbelt unloaded equipment to the dump site.
The Marsh Buggy 879 -Idle
The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
The Marsh Buggy 865 continued working on debri piles for burning on beach.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade and alignment continue to be staked on beach.
Check surveys being done for placed material on the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
966F loader # 8409 - operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7;00 AM to 8:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was

Daily Patrol -5:00PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
Steps being taken to avoid any over dredging in borrow area.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating
542- operating
Linkbelt 418- Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1152.70	8.00	1160.70
Downtime Hours (542) (Explain Below)	949.48	16.00	965.48
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:

12 Hrs	no night shift
8:00 -9:00	service 542
9:00 - 10-:00	fuel Capt. John
1:00 - 2:00	repair load brake, grease bucket
3:00 - 4:00	replace shuttle valve

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 30 Page: 1 of 2 Date: 27-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	375.00	371.25					746.25
Operating Time	22.50			22.50	302.33	270.25					572.58
% of Total Time	94%			94%	81%	73%					77%
Lost Time	1.50			1.50	34.42	66.67					101.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	61,400			61,400	719,330	640,058					1,359,388
Adjustments											
Avg. Gross Cys					46,037	41,377					1,822
Gross CY/Hr	2,729			2,729	2,379	2,368					2,374
Gross Width	300										
% of Gross											
Avg. Gross Face	7.0										
Start Station	11+67										
End Station	3+75										
Advance	792			792	16,892						16,892
Avg. Advance					1,081						23
Adv. Ft/Hr	35.2			35.2	56						30
Coverage	237,600			237,600	5,067,600						5,067,600
Avg. Coverage					324,324						162,977
Coverage/Hr	10,560			10,560							
Req. Grade + O.D.	18-24										
Dredged Elev.	18-24										
Set Size	6										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						549,553					549,553
Pay CY/Hr						2,033					960
Gross Cys						658,986					658,986
Gross CY/Hr						2,438					1,151
% of Gross						20%					20%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	2+25	5.30	150	28	13,475	2,542

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 30 Date: 27-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		230										
Rack		27										
Horsepower		3129										
Exhaust Temp.		788										
Dredge Fuel		7548										
Pump RPM		215										
In Pressure		2										
Out Pressure		60										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4x84										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift	1.0		
Submerged Line				Velocity	28.8		
Shore Line							
Rubber Line	1,600						
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blad	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			20.08
Rubber Line	14	1.00	1.17
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.42
Anchors	6	0.50	10.00
Traffic			
Move Dredge			15.50
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	20	1.50	57.75
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In			17.17
Eng Rm Out			6.50
Mechanical Total			33.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	20	1.50	135.42

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
6:15	6:25	Check discharge for build-up	0:10
11:00	11:20	Fix anchor on discharge	0:20
	0:30	Moving discharge line head anchor 12x	0:30
	0:30	Move swing anchors 6x	0:30
		TOTAL	1:30

REMARKS:

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/28/2006 **Report #** 249

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 91

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE:

+1.3	AM	Morning tide
+0.3	PM	Evening tide

LOCATION OF DISCHARGE: 11+20/136 feet east of pay profile line no. CG 2

DRESSING OPERATIONS COMPLETE 0 feet west of pay profile line no. CG 2

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continuing to strip mud in cut # 6. Discharging in borrow area within the limits of said area.
At approximately 8:40 began discharging sand material to the beach at station 21+17 to station 11+20 with an advance of 997 ft. with an aprox. Gross of 23,400 cys.

Survey crew performing checks. (As filled and placed material allows)
Tom James operating time was 16 hrs.and 50 min.
The 542 completed access canal 11:30 a.m. Moved to closure between CG 11 and CG 12.
The 418 linkbelt ran for 2 hrs. cleaning the mud barge and driving the last piling. Also it unloaded all settlement plates that were left on linkbelt barge.

The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
The Marsh Buggy 865 continued working on debri piles for burning on beach.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade and alignment continue to be staked on beach.
Check surveys being done for placed material on the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operating
Weeks Linkbelt Dragline 418 - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable - idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
966F loader # 8409 - operating
Crew Boat Walter W - operable - idle
Captain John Tug - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7:00 AM to 8:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.
Daily Patrol -5:30PM to 6:30 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
none

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating
542- operating
Linkbelt 418- Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James : Ear protection is provided and are being worn by personnel engaged in operations where noise exceeds acceptable levels.
Quarter Boat : No flammable liquids with a flash point below 100-F are being used for cleaning purposes.

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1160.70	11.30	1172.00
Downtime Hours (542) (Explain Below)	965.48	12.30	977.78
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:
12 Hrs no night shift
7:15 - 7:30 fuel bayou princess
8:00 - 8:15 repair fuel line on torque converter

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 31 Page: 1 of 2 Date: 28-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	7.00	17.00		24.00	382.00	388.25					770.25
Operating Time	6.83	10.00		16.83	309.17	280.25					589.42
% of Total Time	98%	59%		70%	81%	72%					77%
Lost Time	0.17	7.00		7.17	34.59	73.67					108.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	13,475	23,400		36,875	732,805	663,458					1,396,263
Adjustments											
Avg. Gross Cys					46,040	41,012					1,813
Gross CY/Hr	1,972	2,340		2,191	2,370	2,367					2,369
Gross Width	300	300									
% of Gross											
Avg. Gross Face	8.1	5.0									
Start Station	3+75	6+65									
End Station	1+25	2+40									
Advance	150	425		575	17,042	425					17,467
Avg. Advance					1,071	26					23
Adv. Ft/Hr	22.0	42.5		34.2	55	2					30
Coverage	45,000	127,500		172,500	5,112,600	127,500					5,240,100
Avg. Coverage					321,208	7,882					163,274
Coverage/Hr	6,586	12,750		10,248							
Req. Grade + O.D.	18-24	32									
Dredged Elev.	18-24	31.5									
Set Size	10	10									
Material Type	MUD	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		19,500		19,500	549,553	569,053					1,118,606
Pay CY/Hr		1,158		1,158	1,778	2,031					1,898
Gross Cys	13,475	23,400		36,875	672,461	695,861					1,368,322
Gross CY/Hr	1,972	2,340		2,191	2,175	2,483					2,321
% of Gross		20%		89%	22%	22%					22%
Start Station	3+75	21+17									
End Station	1+25	11+20									
Advance	150	997		1,147	223	997					1,220
Adv. Ft/Hr		100		68	1	4					2
Req. Grade	1.0	6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	1+30	4.05	120	30	7,890	1,948

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 31 Date: 28-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						330						
Rack						29						
Horsepower						7302						
Exhaust Temp.						930						
Dredge Fuel						7053						
Pump RPM						318						
In Pressure						3						
Out Pressure						175						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift		4.5	
Submerged Line		16,500		Velocity		13.3	
Shore Line		1,800					
Rubber Line							
Total Line Length	1,600	19,900					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	8	4.67	24.75
Rubber Line	3	0.17	1.33
Sub Line Dredge			
Clean Pipeline			0.25
Clean Pump			1.50
Clean Cutter/Suction			0.42
Anchors	4	0.33	10.33
Traffic			
Move Dredge	1	1.83	17.33
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	16	7.00	64.75
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			9.08
Electrical			0.25
Eng Rm In	1	0.17	17.33
Eng Rm Out			6.50
Mechanical Total	1	0.17	33.17
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	17	7.17	142.58

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
6:50	8:40	Stopped stripping at cutter sta. 1+25 & set up to pump sand at sta. 6+65	1:50
10:55	11:30	Add pipe on fill(4)	0:35
12:35	13:15	Add pipe on fill(5)	0:40
14:05	14:40	Add pipe on fill(5)	0:35
15:30	15:40	Engine room(main engine shut down)	0:10
16:00	16:25	Add pipe on fill(3)	0:25
18:15	18:50	Add pipe on fill(3)	0:35
19:25	20:05	Add pipe on fill(3)	0:40
20:55	21:30	Add pipe on fill(2)	0:35
23:25	24:00	Add pipe on fill(2)	0:35
	0:10	Moving discharge line head anchor 3x	0:10
	0:20	Move swing anchors 4x	0:20
		TOTAL	7:10

REMARKS:

The dredge made the riser connection and resumed pumping sand on the beach at 8:40 this period.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/29/2006 **Report #** 250

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 77 Max. 90

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE:

+1.4	AM	Morning tide
+0.5	PM	Evening tide

LOCATION OF DISCHARGE: 8+00/184 feet west of pay profile line no. CG 2

DRESSING OPERATIONS COMPLETE 0 feet west of pay profile line no. CG 2

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

The dredge Tom James continued pumping material onto beach. From sta. 11+20 to sta. 8+00 with an advance of 320 ft. With an approx. gross of 22,778 cys.
At 16:55 the dredge Tom James began stripping mud from cut #7 and placing the material in the marsh creation area. With an approx. gross of 13,200 cys. The discharge location for the pumping of the marsh is sta. 8+00.

Survey crew performing checks. (As filled and placed material allows)
Tom James operating time was 15 hrs. and 50 min.
The 542 and the linkbelt 418 were preparing to demob this morning and pulled off the jobsite at 12:30 p.m.
Also the tug boat Capt. John the mud barge and the crew boat Walter W. also departed at 12:30 p.m.

The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
The Marsh Buggy 865 continued working on debri piles for burning on beach.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade and alignment continue to be staked on beach.
Check surveys being done for placed material on the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff-511 - operating
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 4600 Manitowoc Bucket Dredge 542- operable - demobing
Weeks Linkbelt Dragline 418 - operable - demobing
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operating- idle
966F loader # 8409 - operating
Crew Boat Walter W - operable - demobing
Captain John Tug - operable - demobing
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7:15 AM to 8:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.
Daily Patrol -5:00PM to 6:15 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
none

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating
542- operable - demobing
Linkbelt 418- Operable - demobing

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: Abandon Ship Drill was held and supervised by the Captain.
Quarter Boat: There is at least one person on each shift that are trained in First Aid and CPR and have cards with them.

8. Progress Summary 542:

	Previous	This Day	To Date
Worked Hours (542)	1172.00	0.00	1172.00
Downtime Hours (542) (Explain Below)	977.78	12.30	990.08
Length of Discharge Advance (Ft.)			
Volume Pumped (Estimated c.y.)			
Volume Pay (c.y. accepted sections only)			
Linear % Completed			

Explanation of downtime:
12.5 Hrs Preparing to demob from job site

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/N Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered. Today is the last day you will see any information on the bucket dredge 542. Also the Linkbelt 418 and the tug Capt. John, along with the crew boat Walter W.

A meeting was held this period with CP&E, topics discussed included quality of material and quanity of material among with others.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 32 Page: 1 of 2 Date: 29-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		14.33	9.67	24.00	382.00	402.58	9.67				794.25
Operating Time		10.08	5.75	15.83	309.17	290.33	5.75				605.25
% of Total Time		70%	59%	66%	81%	72%	59%				76%
Lost Time		4.25	3.92	8.17	34.59	77.92	3.92				116.42
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		22,778	13,200	35,978	732,805	686,236	13,200				1,432,241
Adjustments											
Avg. Gross Cys					46,040	40,910	32,772				1,803
Gross CY/Hr		2,259	2,296	2,272	2,370	2,364	2,296				2,366
Gross Width		300	300								
% of Gross											
Avg. Gross Face		10.0	7.0								
Start Station		2+40	9+65								
End Station		1+30	11+35								
Advance		205	170	375	17,042	630	170				17,842
Avg. Advance					1,071	38	422				22
Adv. Ft/Hr		20.3	29.6	23.7	55	2	30				29
Coverage		61,500	51,000	112,500	5,112,600	189,000	51,000				5,352,600
Avg. Coverage					321,208	11,267	126,620				161,740
Coverage/Hr		6,099	8,870	7,105							
Req. Grade + O.D.		32	24-26								
Dredged Elev.		32	24-26								
Set Size		10	10								
Material Type		Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		14,236	8,250	22,486		14,236	8,250				22,486
Pay CY/Hr		899	1,435	1,420		49	1,435				37
Gross Cys		22,778	13,200	35,978		22,778	13,200				35,978
Gross CY/Hr		2,259	2,296	2,272		78	2,296				59
% of Gross		60%	60%	60%		60%	60%				60%
Start Station		11+20	8+00								
End Station		8+00	8+00								
Advance		320		320		320					320
Adv. Ft/Hr		32		20		1					1
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	12+80	4.50	145	32		

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 32 Page: 2 of 2 Date: 29-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		350								350		
Rack		30								30		
Horsepower		7591								7591		
Exhaust Temp.		940								940		
Dredge Fuel		7090								7090		
Pump RPM		319								319		
In Pressure		3								3		
Out Pressure		188								188		
Water Vacuum												
Max Working Vacuum	4x84								4x84			
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,650	Lift	7.0		
Submerged Line			18,000	Velocity	14.2		
Shore Line			2,520				
Rubber Line							
Total Line Length			22,170				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	4	1.58	26.33
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline	1	0.75	1.00
Clean Pump			1.50
Clean Cutter/Suction			0.42
Anchors	2	0.17	10.50
Traffic			
Move Dredge	2	4.83	22.17
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	9	7.33	72.08
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In	4	0.83	18.17
Eng Rm Out			6.50
Mechanical Total	4	0.83	24.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	13	8.17	141.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
0:20	0:30	Engine room- mist detector	0:10
1:00	1:10	Engine room- mist detector	0:10
1:10	1:40	Add pipe on fill(1)	0:30
4:00	4:25	Add pipe on fill(1)	0:25
5:30	7:45	Move dredge- turn dredge around in cut 6 to continue the cut up-sta	2:15
13:35	14:20	Wash out line	0:45
14:20	16:55	Move dredge- to cut 7 to continue stripping	2:35
20:10	20:30	Engine room- repair air leak on stbd swing drum	0:20
20:40	20:50	Engine room- tighten friction on stbd spud	0:10
21:55	22:05	Clean spreader	0:10
23:30	24:00	Fill- raise pipe	0:30
	0:10	Move anchors 2x	0:10
		TOTAL	8:10

REMARKS:

At 16:55 the dredge began stripping cut #7 and placing the material in the marsh creation area.
A meeting was held this period with CP&E, topics discussed included quality of material and quantity of material among with others.

Prepared By: **Chad Bragg** Approved By: ______________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 6/30/2006 **Report #** 251

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 77 Max. 90

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE:

+1.6	AM	Morning tide
+0.8	PM	Evening tide

LOCATION OF DISCHARGE: 12+00/216 feet east of pay profile line no. CG 2

DRESSING OPERATIONS COMPLETE 0 feet west of pay profile line no. CG 2

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued stripping mud from cut #7 and placing the material in the marsh creation area.
With an approx. gross of 36,875 cys. The discharge location for the pumping of the marsh is sta. 12+00.
With an advance of 400 ft.

Survey crew placed grade stakes every 100' along seaward toe of dike. (As filled and placed material allows)
Tom James operating time was 17hrs. And 50 min.

The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
The Marsh Buggy 865 continued working on debri piles for burning on beach.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade stakes are being placed along seaward toe of back dike, so operators can see marsh grades.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7:00 AM to 8:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.
Daily Patrol -5:30PM to 6:45 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
none

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: All personnel working in hazardous operations to the eyes are wearing proper eye protection.
Quarter Boat: All exit door and passageways were checked to insure signs were in place and free of obstructions.

8. Progress Summary :

Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes. Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 33 Page: 1 of 2 Date: 30-Jun-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	33.67				818.25
Operating Time			17.83	17.83	309.17	290.33	23.58				623.08
% of Total Time			74%	74%	81%	72%	70%				76%
Lost Time			6.17	6.17	34.59	77.92	10.08				122.59
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			36,875	36,875	732,805	686,236	50,075				1,469,116
Adjustments											
Avg. Gross Cys					46,040	40,910	35,697				1,795
Gross CY/Hr			2,068	2,068	2,370	2,364	2,123				2,358
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station			11+35								
End Station			16+55								
Advance			520	520	17,042	630	690				18,362
Avg. Advance					1,071	38	492				22
Adv. Ft/Hr			29.2	29.2	55	2	29				29
Coverage					5,112,600	189,000	51,000				5,352,600
Avg. Coverage					321,208	11,267	36,356				156,996
Coverage/Hr											
Req. Grade + O.D.			24-26								
Dredged Elev.			24-26								
Set Size			10								
Material Type			Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			23,047	23,047			31,297				31,297
Pay CY/Hr			1,292	1,292			1,327				50
Gross Cys			36,875	36,875			50,075				50,075
Gross CY/Hr			2,068	2,068			2,123				80
% of Gross			60%	60%			60%				60%
Start Station			8+00								
End Station			12+00								
Advance			400	400			720				720
Adv. Ft/Hr			22	22			31				1
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	18+40	5.10	185	36	10,800	2,118

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration
Dredge: *TOM JAMES* | Report Number: 33 | Page: 2 of 2 | Date: 30-Jun-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		338								338		
Rack		33								33		
Horsepower		5258								5258		
Exhaust Temp.		928								928		
Dredge Fuel		6899								6899		
Pump RPM		302								302		
In Pressure		4								4		
Out Pressure		198								198		
Water Vacuum												
Max Working Vacuum												
Vane x Dia	4x84								4x84			
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,650	Lift			6.0
Submerged Line			18,000	Velocity			12.2
Shore Line			2,920				
Rubber Line							
Total Line Length			22,570				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	7	5.42	31.75
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			1.00
Clean Pump			1.50
Clean Cutter/Suction	1	0.25	0.67
Anchors	4	0.33	10.83
Traffic			
Move Dredge			22.17
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	12	6.00	78.08
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In	1	0.17	18.33
Eng Rm Out			6.50
Mechanical Total	1	0.17	25.08
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	13	6.17	147.83

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
0:00	0:30	Fill- raise the spreader pipe	0:30
2:15	2:35	Fill- raise the spreader pipe	0:20
3:35	3:50	Fill- raise the spreader pipe	0:15
8:25	8:55	Fill- take out 1 pipe & add elbow facing up	0:30
8:55	9:10	Clean cutter- cable	0:15
9:10	9:20	Engine room- change exhaust gasket	0:10
15:35	16:45	Fill- add 4 pipe & elbow	1:10
18:10	19:30	Fill- add 2 pipe	1:20
22:00	23:20	Fill- add 4 pipe	1:20
	0:20	Move swing anchors 4x	0:20
		TOTAL	6:10

REMARKS:

The dredge material continues to be placed on the fill in the Marsh site.

Prepared By: **Chad Bragg** | Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/1/2006 **Report #** 252

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** ESE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	ESE	

TIDE:

+1.8	AM	Morning tide
+0.9	PM	Evening tide

LOCATION OF DISCHARGE: 15+70/102 feet east of pay profile line no. CG 3

DRESSING OPERATIONS COMPLETE TO 0 feet west of pay profile line no. CG 3

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued stripping mud from cut #7 and placing the material in the marsh creation area. With an approx. gross of 47,774 cys. The discharge location for the pumping of the marsh is sta. 15+70. With an advance of 370 ft.

Survey crew placed grade stakes every 100' along seaward toe of dike. (As filled and placed material allows)
Tom James operating time was 18hrs. And 55 min.

The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
The Marsh Buggy 865 continued working on debri piles for burning on beach.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade stakes are being placed along seaward toe of back dike, so operators can see marsh grades.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 6:45 AM to 8:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.
Daily Patrol -5:45PM to 7:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day.
While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
Steps being taken to avoid any over dredging in borrow area.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Progress Summary :

Explanation of downtime:

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permi NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/N NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 34 Page: 1 of 2 Date: 1-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	57.67				842.25
Operating Time			18.08	18.08	309.17	290.33	41.67				641.17
% of Total Time			75%	75%	81%	72%	72%				76%
Lost Time			5.92	5.92	34.59	77.92	16.00				128.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			47,774	47,774	732,805	686,236	97,849				1,516,890
Adjustments											
Avg. Gross Cys					46,040	40,910	40,723				1,801
Gross CY/Hr			2,642	2,642	2,370	2,364	2,348				2,366
Gross Width			300								
% of Gross											
Avg. Gross Face			7.5								
Start Station			16+55								
End Station			22+30								
Advance			575	575	17,042	630	1,265				18,937
Avg. Advance					1,071	38	526				22
Adv. Ft/Hr			31.8	31.8	55	2	30				30
Coverage			172,500	172,500	5,112,600	189,000	223,500				5,525,100
Avg. Coverage					321,208	11,267	93,017				157,438
Coverage/Hr			9,539	9,539							
Req. Grade + O.D.											
Dredged Elev.											
Set Size			10								
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			29,858	29,858			61,155				61,155
Pay CY/Hr			1,651	1,651			1,468				95
Gross Cys			47,774	47,774			97,849				97,849
Gross CY/Hr			2,642	2,642			2,348				153
% of Gross			60%	60%			60%				60%
Start Station			12+00								
End Station			15+70								
Advance			370	370			770				770
Adv. Ft/Hr			20	20			18				1
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	23+50	4.50	120	27	11,600	2,578

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 34 Page: 2 of 2 Date: 1-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM										318		
Rack										31		
Horsepower										5260		
Exhaust Temp.										977		
Dredge Fuel										7243		
Pump RPM										288		
In Pressure										3		
Out Pressure										179		
Water Vacuum												
Max Working Vacuum												
Vane x Dia									4x84			
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,600	Lift			7.0
Submerged Line			16,500	Velocity			13.7
Shore Line			3,290				
Rubber Line							
Total Line Length			21,390				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	4	5.67	37.42
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			1.00
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	3	0.25	11.08
Traffic			
Move Dredge			22.17
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	7	5.92	84.00
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In			18.33
Eng Rm Out			6.50
Mechanical Total			25.08
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	5.92	153.75

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
1:00	1:50	Fill- add 2 pipe	0:50
10:20	13:25	Fill- add 3 pipe	3:05
19:30	20:30	Fill- add 3 pipe	1:00
22:35	23:20	Fill- add 2 pipe	0:45
	0:15	Move anchors 3x	0:15
		TOTAL	5:55

REMARKS:

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/2/2006 **Report #** 253

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 77 Max. 90

WIND SPEED: 5.00 to 10.00 MPH **Direction** ESE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+1.7	AM	Morning tide
Fill Area	1 to 3	Feet	+0.7	PM	Evening tide
Wave Direction	ESE				

LOCATION OF DISCHARGE: 21+ 00/248 feet east of pay profile line no. CG 4

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG 4

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued stripping mud from cut #7 and placing the material in the marsh creation area.
With an approx. gross of 43,520 cys. The discharge location for the pumping of the marsh is sta. 21+00.
With an advance of 530 ft.

Survey crew placed grade stakes every 100' along seaward toe of dike. (As filled and placed material allows)
Tom James operating time was 19 hrs. And 10 min.

The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
The Marsh Buggy 865 continued working on debri piles for burning on beach.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade stakes are being placed along seaward toe of back dike, so operators can see marsh grades.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 7:00 AM to 8:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled.

While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

Daily Patrol -5:30PM to 6:45 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day.

While placing grade stakes along the beaches the survey crew was instructed to report any nesting activity. No nesting activity was reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

none

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

Tom James: Life rings, ropes and lights were checked for deterioration. and replaced if necessary.

Quarter Boat: Waste material and rubbish were placed in garbage bags and removed from dredge. Sent to dockside and disposed of in trash containers.

8. Progress Summary :

NA

Explanation of downtime:

NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 35 Page: 1 of 2 Date: 2-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	81.67				866.25
Operating Time			19.17	19.17	309.17	290.33	60.83				660.33
% of Total Time			80%	80%	81%	72%	74%				76%
Lost Time			4.83	4.83	34.59	77.92	20.83				133.34
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			43,520	43,520	732,805	686,236	141,369				1,560,410
Adjustments											
Avg. Gross Cys					46,040	40,910	41,545				1,801
Gross CY/Hr			2,271	2,271	2,370	2,364	2,324				2,363
Gross Width			300								
% of Gross											
Avg. Gross Face			8.7								
Start Station			22+30								
End Station			26+80								
Advance			450	450	17,042	630	1,715				19,387
Avg. Advance					1,071	38	504				22
Adv. Ft/Hr			23.5	23.5	55	2	28				29
Coverage			135,000	135,000	5,112,600	189,000	358,500				5,660,100
Avg. Coverage					321,208	11,267	105,355				156,816
Coverage/Hr			7,043	7,043							
Req. Grade + O.D.			20-26								
Dredged Elev.			20-26								
Set Size			10								
Material Type			Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			27,200	27,200			88,355				88,355
Pay CY/Hr			1,419	1,419			1,452				134
Gross Cys			43,520	43,520			141,369				141,369
Gross CY/Hr			2,271	2,271			2,324				214
% of Gross			60%	60%			60%				60%
Start Station			15+70								
End Station			21+00								
Advance			530	530			1,300				1,300
Adv. Ft/Hr			28	28			21				2
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	28+00	5.05	120	24	10,800	2,139

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	60+

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 35 Page: 2 of 2 Date: 2-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM										337		
Rack										36		
Horsepower										7171		
Exhaust Temp.										933		
Dredge Fuel										6152		
Pump RPM										305		
In Pressure										6		
Out Pressure										189		
Water Vacuum												
Max Working Vacuum												
Vane x Dia									4x84			
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,650	Lift			7.0
Submerged Line			18,000	Velocity			12.4
Shore Line			3,820				
Rubber Line							
Total Line Length			23,470				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work		4.00	41.42
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			1.00
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	3	0.42	11.50
Traffic			
Move Dredge			22.17
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	3	4.42	88.42
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In	1	0.42	18.75
Eng Rm Out			6.50
Mechanical Total	1	0.42	25.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	4	4.83	158.58

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:45	1:55	Fill- add 3 pipe	1:10
9:55	11:30	Fill- add 6 pipe	1:35
19:10	19:45	Fill- add 5 pipe	0:35
20:50	21:15	Engine room- change service water hose for main pump	0:25
22:20	23:00	Fill- add 3 pipe	0:40
	0:25	Move swing anchors 3x	0:25
		TOTAL	4:50

REMARKS:

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/3/2006 **Report #** 254

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** ESE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.1	AM	Morning tide
Fill Area	1 to 3	Feet	+0.9	PM	Evening tide
Wave Direction	ESE				

LOCATION OF DISCHARGE: 26+ 60/260 feet west of pay profile line no. CG 6

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued stripping mud from cut #7 and placing the material in the marsh creation area. With an approx. gross of 47,450 cys. The discharge location for the pumping of the marsh is sta. 26+60. With an advance of 560 ft.

Tom James operating time was 19 hrs. And 35 min.

Survey crew took checks from 29+20 to 41+30.

The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
The Marsh Buggy 865 continued working on debri piles for burning on beach.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade stakes are being placed along seaward toe of back dike, so operators can see marsh grades.
Checks were taken on the fill.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7:45 AM to 8:45 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting reported.

Daily Patrol -6:30PM to 7:45 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
We were informed of some errors on our Q.C. reports and took action to correct them.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: Lights were checked on all barges, buoys, and pontoons.
Quarter Boat: Ear protection is provided and are being worn by personnel engaged in operations where noise exceeds acceptable levels.

8. Progress Summary :
NA

Explanation of downtime:
NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 36 Page: 1 of 2 Date: 3-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	105.67				890.25
Operating Time			19.58	19.58	309.17	290.33	80.42				679.92
% of Total Time			82%	82%	81%	72%	76%				76%
Lost Time			4.42	4.42	34.59	77.92	25.25				137.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			47,450	47,450	732,805	686,236	188,819				1,607,860
Adjustments											
Avg. Gross Cys					46,040	40,910	42,886				1,806
Gross CY/Hr			2,423	2,423	2,370	2,364	2,348				2,365
Gross Width			175								
% of Gross											
Avg. Gross Face			7.7								
Start Station		22+30	11+15								
End Station		26+80	16+10								
Advance			945	945	17,042	630	2,660				20,332
Avg. Advance					1,071	38	604				23
Adv. Ft/Hr			48.3	48.3	55	2	33				30
Coverage			165,375	165,375	5,112,600	189,000	523,875				5,825,475
Avg. Coverage					321,208	11,267	118,987				157,047
Coverage/Hr			8,445	8,445							
Req. Grade + O.D.			20-26								
Dredged Elev.			20-26								
Set Size			10								
Material Type			Mud/Sand								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			29,656	29,656			118,011				118,011
Pay CY/Hr			1,514	1,514			1,467				174
Gross Cys			47,450	47,450			188,819				188,819
Gross CY/Hr			2,423	2,423			2,348				278
% of Gross			60%	60%			60%				60%
Start Station			21+00								
End Station			26+60								
Advance			560	560			1,860				1,860
Adv. Ft/Hr			29	29			23				3
Req. Grade			6								
Filled Elev.			2.5								

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	17+30	5.00	120	24	11,750	2,350

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	49

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 36 Page: 2 of 2 Date: 3-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM										328		
Rack										34		
Horsepower										6439		
Exhaust Temp.										976		
Dredge Fuel										7921		
Pump RPM										295		
In Pressure										9		
Out Pressure										184		
Water Vacuum												
Working Vacuum												
Vane x Dia										4x84		
Line To												
Line From												

LINE INFORMATION / CUTTER

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line			1,650	Lift			7.0	Type	Basket
Submerged Line			18,000	Velocity			12.9	No. of Blades	6
Shore Line			4,300					Teeth	Serrated
Rubber Line								Avg. RPM	22
Total Line Length			23,950						

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work	3	2.42	43.83	1:25	2:20	Fill- add 4 pipe	0:55
Rubber Line			1.33	6:50	7:45	Stop in cut #7 spud sta. 25+70 & move to cut #8 spud sta. 8+80	0:55
Sub Line Dredge				7:45	8:10	Set up dredge	0:25
Clean Pipeline			1.00	8:10	8:30	Engine room-change oil in Cat	0:20
Clean Pump			1.50	13:30	14:20	Fill- add 7 pipe	0:50
Clean Cutter/Suction			0.67	19:40	20:20	Fill- add 3 pipe	0:40
Anchors	4	0.33	11.83				
Traffic							
Move Dredge	2	1.33	23.50		0:20	move swing anchors 4x	0:20
Re-pin Spuds							
Change Cutter			1.08				
Change Pump							
Misc			7.75				
Operational Total	9	4.08	92.50				
Weather Standby			38.25				
Weather Repairs							
Weather Moving			6.42				
Weather Total			44.67				
Pump RPR							
Cutter RPR							
Spud RPR							
Electrical			0.25				
Eng Rm In	1	0.33	19.08				
Eng Rm Out			6.50				
Mechanical Total	1	0.33	25.83	**REMARKS:**		TOTAL	4:25
Bstr (1) Deck				Advance was higher than normal due to the narrowing at the end			
Bstr (1) Eng Rm				of cut #7 and the beginning of cut #8. The dredge was running on the main generator			
Booster Total				only from 17:30 to 22:00. At 22:00 both generators were brought on line			
Total Lost Time	10	4.42	163.00				

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/4/2006 **Report #** 255

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 77 Max. 87

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.2	AM	Morning tide
Fill Area	1 to 3	Feet	+1.0	PM	Evening tide
Wave Direction	SE				

LOCATION OF DISCHARGE: 31+ 50/ 230 feet east of pay profile line no. CG 6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued stripping mud from cut # 8 and placing the material in the marsh creation area. With an approx. gross of 46,050 cys. The discharge location for the pumping of the marsh is sta. 31+50. With an advance of 490 ft.

Tom James operating time was 18 hrs. and 40 min.

Survey crew took checks from 41+30 to 53+00.

The Marsh Buggy 878 -Worked on diking up landward side of beach to prevent sand runoff in marsh area.
The Marsh Buggy 865 continued working on debri piles for burning on beach.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade stakes are still being placed along seaward toe of back dike, so operators can see marsh grades.
Checks were taken on the fill.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operating
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7:00 AM to 8:40 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting reported.

Daily Patrol -4:00PM to 4:45 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
none

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: Abandon Ship Drill was held and supervised by the Captain.
Quarter Boat: No flammable liquids with a flash point below 100-F are being used for cleaning purposes.

8. Progress Summary :
NA

Explanation of downtime:
NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 37 Page: 1 of 2 Date: 4-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	129.67				914.25
Operating Time			18.67	18.67	309.17	290.33	99.08				698.58
% of Total Time			78%	78%	81%	72%	76%				76%
Lost Time			5.33	5.33	34.59	77.92	30.58				143.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			46,050	46,050	732,805	686,236	234,869				1,653,910
Adjustments											
Avg. Gross Cys					46,040	40,910	43,472				1,809
Gross CY/Hr			2,467	2,467	2,370	2,364	2,370				2,368
Gross Width			300								
% of Gross											
Avg. Gross Face			8.8								
Start Station			16+10								
End Station			20+80								
Advance			470	470	17,042	630	2,805				20,477
Avg. Advance					1,071	38	519				22
Adv. Ft/Hr			25.2	25.2	55	2	28				29
Coverage			141,000	141,000	5,112,600	189,000	608,000				5,909,600
Avg. Coverage					321,208	11,267	112,535				155,133
Coverage/Hr			7,554	7,554							
Req. Grade + O.D.			23-26								
Dredged Elev.			23-26								
Set Size			10								
Material Type			Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			28,781	28,781			146,792				146,792
Pay CY/Hr			1,542	1,542			1,482				210
Gross Cys			46,050	46,050			234,869				234,869
Gross CY/Hr			2,467	2,467			2,370				336
% of Gross			60%	60%			60%				60%
Start Station			26+60								
End Station			31+50								
Advance			490	490			490				490
Adv. Ft/Hr			26	26			5				1
Req. Grade			6								
Filled Elev.			2.5								

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	22+00	5.15	120	23	12,100	2,350

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	49

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 37 Page: 2 of 2 Date: 4-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM										333		
Rack										31		
Horsepower										5248		
Exhaust Temp.										989		
Dredge Fuel										9512		
Pump RPM										298		
In Pressure										7		
Out Pressure										181		
Water Vacuum												
Working Vacuum												
Vane x Dia									4x84			
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,600	Lift			7.0
Submerged Line			18,000	Velocity			12.6
Shore Line			4,790				
Rubber Line							
Total Line Length			24,390				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	18

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	4	5.00	48.83
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			1.00
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors		0.33	12.17
Traffic			
Move Dredge			23.50
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	4	5.33	97.83
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			6.50
Mechanical Total			25.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	4	5.33	168.33

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:10	1:10	Fill- add 3 pipe	1:00
8:25	11:05	Fill- add 6 pipe	2:40
19:50	20:30	Fill- add 2 pipe	0:40
22:10	22:50	Fill- add 2 pipe	0:40
	0:20	Move swing anchors 4x	0:20
		TOTAL	5:20

REMARKS:

Prepared By: **Chad Bragg** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/5/2006 **Report #** 256

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 76 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** ESE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.1	AM	Morning tide
Fill Area	1 to 3	Feet	+1.1	PM	Evening tide
Wave Direction	ESE				

LOCATION OF DISCHARGE: 35+ 00/ 96 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG 7

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued stripping mud from cut # 8 and placing the material in the marsh creation area. With an approx. gross of 49,555 cys. The discharge location for the pumping of the marsh is sta. 35+00. With an advance of 350 ft.

Tom James operating time was 18 hrs. and 45 min.

The Marsh Buggy 878 -Working with fill personnel with piping up.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7:45 AM to 8:50 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 5:00PM to 5:45 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
Still revising q.c. reports.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: All equipment has been tested in accordance with the appropriate LMV 300 series form.
Quarter Boat: All exit door and passageways were checked to insure signs were in place and free of obstructions.

8. Progress Summary :
NA

Explanation of downtime:
NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 38 Page: 1 of 2 Date: 5-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	153.67				938.25
Operating Time			18.75	18.75	309.17	290.33	117.83				717.33
% of Total Time			78%	78%	81%	72%	77%				76%
Lost Time			5.25	5.25	34.59	77.92	35.83				148.34
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			49,555	49,555	732,805	686,236	284,424				1,703,465
Adjustments											
Avg. Gross Cys					46,040	40,910	44,422				1,816
Gross CY/Hr			2,643	2,643	2,370	2,364	2,414				2,375
Gross Width			300								
% of Gross											
Avg. Gross Face			7.7								
Start Station			10+55								
End Station			12+70								
Advance			580	580	17,042	630	3,385				21,057
Avg. Advance					1,071	38	529				22
Adv. Ft/Hr			30.9	30.9	55	2	29				29
Coverage			174,000	174,000	5,112,600	189,000	782,000				6,083,600
Avg. Coverage					321,208	11,267	122,134				155,615
Coverage/Hr			9,280	9,280							
Req. Grade + O.D.			23-26								
Dredged Elev.			23-26								
Set Size			10								
Material Type			Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			30,972	30,972			177,764				177,764
Pay CY/Hr			1,652	1,652			1,509				248
Gross Cys			49,555	49,555			284,424				284,424
Gross CY/Hr			2,643	2,643			2,414				397
% of Gross			60%	60%			60%				60%
Start Station			31+50								
End Station			35+00								
Advance			350	350			3,020				3,020
Adv. Ft/Hr			19	19			26				4
Req. Grade			6								
Filled Elev.			2.5								

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	14+20	5.50	150	27	12,870	2,340

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location:

Dredge: *TOM JAMES* Report Number: 38 Page: 2 of 2 Date: 5-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM										342		
Rack										33		
Horsepower										6276		
Exhaust Temp.										792		
Dredge Fuel										8164		
Pump RPM										314		
In Pressure										5		
Out Pressure										171		
Water Vacuum												
Working Vacuum												
Vane x Dia									4x84			
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,600	Lift			7.0
Submerged Line			18,000	Velocity			12.3
Shore Line			5,010				
Rubber Line							
Total Line Length			24,610				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	4.00	52.83
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			1.00
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	4	0.33	12.50
Traffic			
Move Dredge	2	0.92	24.42
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	9	5.25	103.08
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			6.50
Mechanical Total			25.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	5.25	173.58

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
2:00	2:45	Fill-add 3 pipe	0:45
13:15	13:50	Stop in cut #8 spud sta. 22+10 & move to cut #9 spud sta. 8+20	0:35
13:50	14:10	Set up dredge	0:20
19:25	22:05	Fill-add 3 pipe	2:40
23:25	24:00	Fill-add 4 pipe	0:35
	0:20	Move swing anchors 4x	0:20
		TOTAL	5:15

REMARKS:

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/6/2006 **Report #** 257

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 77 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** ESE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.0	AM	Morning tide
Fill Area	1 to 3	Feet	+0.8	PM	Evening tide
Wave Direction	ESE				

LOCATION OF DISCHARGE: 39+ 30 / 42 feet east of pay profile line no. CG 8

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued stripping mud from cut # 8 and placing the material in the marsh creation area. With an approx. gross of 55,153 cys. The discharge location for the pumping of the marsh is sta. 39+30. With an advance of 430 ft.

Tom James operating time was 21 hrs. and 30 min.

The Marsh Buggy 878 -Working with fill personnel piping up.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Beach survey ran checks from 41+30 to 53+40.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 8:00 AM to 9:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 4:45PM to 5:30 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
Still revising q.c. reports.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: Crew were observed during operations to insure hardhats, lifevest, and proper footwear.
Quarter Boat: Boats were checked to insure navigational lights were functional. Faulty bulbs and/or fixtures were replaced.

8. Progress Summary :
NA

Explanation of downtime:
NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 39 Page: 1 of 2 Date: 6-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	177.67				962.25
Operating Time			21.50	21.50	309.17	290.33	139.33				738.83
% of Total Time			90%	90%	81%	72%	78%				77%
Lost Time			2.50	2.50	34.59	77.92	38.33				150.84
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			55,153	55,153	732,805	686,236	339,577				1,758,618
Adjustments											
Avg. Gross Cys					46,040	40,910	45,872				1,828
Gross CY/Hr			2,565	2,565	2,370	2,364	2,437				2,380
Gross Width			300								
% of Gross											
Avg. Gross Face			8.6								
Start Station			12+70								
End Station			18+45								
Advance			575	575	17,042	630	3,960				21,632
Avg. Advance					1,071	38	535				22
Adv. Ft/Hr			26.7	26.7	55	2	28				29
Coverage			172,500	172,500	5,112,600	189,000	954,500				6,256,100
Avg. Coverage					321,208	11,267	128,938				156,036
Coverage/Hr			8,023	8,023							
Req. Grade + O.D.			-26								
Dredged Elev.			-26								
Set Size			10								
Material Type			Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			34,471	34,471		428,898	212,235				641,133
Pay CY/Hr			1,603	1,603		1,477	1,523				868
Gross Cys			55,153	55,153	732,805	686,236	339,557				1,758,598
Gross CY/Hr			2,565	2,565	2,370	2,364	2,437				2,380
% of Gross			60%	60%		60%	60%				174%
Start Station			35+00								
End Station			39+30								
Advance			430	430			3,450				3,450
Adv. Ft/Hr			20	20			25				5
Req. Grade			6								
Filled Elev.			2.5								

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	20+28	5.50	183	33	13,700	2,491

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 39 Page: 2 of 2 Date: 6-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM										349		
Rack										34		
Horsepower										6320		
Exhaust Temp.										946		
Dredge Fuel												
Pump RPM										318		
In Pressure										6		
Out Pressure										184		
Water Vacuum												
Working Vacuum												
Vane x Dia										4x84		
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,600	Lift			7.0
Submerged Line			18,000	Velocity			12.2
Shore Line			5,410				
Rubber Line							
Total Line Length			25,010				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	0.83	53.67
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			1.00
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	6	0.50	13.00
Traffic			
Move Dredge			24.42
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	8	1.33	104.42
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR	1	1.17	1.17
Cutter RPR			
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			6.50
Mechanical Total	1	1.17	27.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	2.50	176.08

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
00:00	00:10	Fill - continued to add pipe from prev. day.	0:10
10:05	11:15	Weld leak on pump shell & add 6 pipe on the fill.	1:10
20:20	21:00	Fill - add shore pipe.	0:40
	0:30	Move anchors (x6)	0:30
		TOTAL	2:30

REMARKS:

Continued stripping mud in Cut # 9 and pumping to the marsh area.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/7/2006 **Report #** 258

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.2	AM	Morning tide
Fill Area	1 to 3	Feet	+0.9	PM	Evening tide
Wave Direction	SE				

LOCATION OF DISCHARGE: 41+ 00 / 212 feet east of pay profile line no. CG 8

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued stripping mud from cut # 8 and placing the material in the marsh creation area. With an approx. gross of 47,811 cys. The discharge location for the pumping of the marsh is sta. 41+00. With an advance of 170 ft.

Tom James operating time was 17 hrs. and 35 min.

The Marsh Buggy 878 -Working with fill personnel piping up.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 8:15 AM to 9:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 3:30PM to 4:15 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
Still revising q.c. reports.

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: HARD-HATS are being worn on the construction site by all personnel at all times
Quarter Boat: Machinery and equipment requiring an operator are not being permitted to run unattended.

8. Progress Summary :
NA

Explanation of downtime:
NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 40 Page: 1 of 2 Date: 7-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	201.67				986.25
Operating Time			17.58	17.58	309.17	290.33	156.92				756.42
% of Total Time			73%	73%	81%	72%	78%				77%
Lost Time			6.42	6.42	34.59	77.92	44.75				157.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			47,811	47,811	732,805	686,236	387,388				1,806,429
Adjustments											
Avg. Gross Cys					46,040	40,910	46,102				1,832
Gross CY/Hr			2,719	2,719	2,370	2,364	2,469				2,388
Gross Width			300								
% of Gross											
Avg. Gross Face			7.1								
Start Station		17+30	11+55								
End Station		20+35	8+55								
Advance			605	605	17,042	630	4,565				22,237
Avg. Advance					1,071	38	543				23
Adv. Ft/Hr			34.4	34.4	55	2	29				29
Coverage			181,500	181,500	5,112,600	189,000	1,136,000				6,437,600
Avg. Coverage					321,208	11,267	135,193				156,656
Coverage/Hr			10,322	10,322							
Req. Grade + O.D.			20-26								
Dredged Elev.			20-26								
Set Size			10								
Material Type			mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			29,882	29,882		428,898	387,388				816,286
Pay CY/Hr			1,699	1,699		1,477	2,469				1,079
Gross Cys			47,811	47,811		686,236	387,388				1,073,624
Gross CY/Hr			2,719	2,719		2,364	2,469				1,419
% of Gross			60%	60%		60%					32%
Start Station			39+30								
End Station			41+00								
Advance			170	170			3,620				3,620
Adv. Ft/Hr			10	10			23				5
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00 -	7+90	3.92	65	17	6,211	1,586

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 40 Page: 2 of 2 Date: 7-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM										315		
Rack										24		
Horsepower										3820		
Exhaust Temp.										845		
Dredge Fuel										7123		
Pump RPM										285		
In Pressure										3		
Out Pressure										138		
Water Vacuum												
Working Vacuum												
Vane x Dia										4x84		
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,600	Lift			7.0
Submerged Line			18,000	Velocity			10.9
Shore Line			5,610				
Rubber Line							
Total Line Length			25,210				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	5	1.92	55.58
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			1.00
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	4	0.33	13.33
Traffic			
Move Dredge	1	1.25	25.67
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	10	3.50	107.92
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR	1	2.17	3.34
Cutter RPR	1	0.75	0.75
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			6.50
Mechanical Total	2	2.92	29.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	12	6.42	182.50

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
2:40	3:10	Fill: Add shore pipe (1) & (1) Elbow	0:30
6:15	7:30	Stopped at SS 18+00 MOVED DREDGE to SS 13+80 Roll eye in sv	1:15
9:40	10:25	Change Cutter Teeth (2) & Service water hose,,, Spud motor control	0:45
13:15	15:25	Main Pump - Hole in shell + Add Shore pipe (4)	2:10
18:35	19:10	Fill: Repair leak on shore lines	0:35
21:15	21:40	Fill: Add shore pipe (2)	0:25
21:55	22:05	Fill: Repair leak on Elbow	0:10
22:10	22:25	Fill: Re-Connect pipe on fill , &elbow	0:15
	0:20	Moved Anchors 4x	0:20
		TOTAL	6:25

REMARKS:

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/8/2006 **Report #** 259

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	SE	

TIDE:

+2.1	AM	Morning tide
+0.7	PM	Evening tide

LOCATION OF DISCHARGE: 41+ 00 / 212 feet east of pay profile line no. CG 8

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued stripping mud from cut # 8 and placing the material in the marsh creation area. With an approx. gross of 8,600 cys. The discharge location for the pumping of the marsh is sta. 41+00. With an advance of 0 ft.

Tom James operating time was 5 hrs. and 45 min.

The Marsh Buggy 878 -Working with fill personnel piping up.
D6- # 8827- Moved and dressed material
D6- # 8833- Moved and dressed material
D6- # 8848- Moved and dressed material
D6- # 8835-moved and dressed material

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - under repair
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable- idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7:30 AM to 8:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 4:00PM to 5:15 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Shut down at 3:55 a.m. Broke stud on packing gland on main pump.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: All exit door and passageways were checked to insure signs were in place and free of obstructions.
Quarter Boat: There is at least one person on each shift that are trained in First Aid and CPR and have cards with them.

8. Progress Summary :
NA

Explanation of downtime:
NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes. Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 41 Page: 1 of 2 Date: 8-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	225.67				1010.25
Operating Time			5.75	5.75	309.17	290.33	162.67				762.17
% of Total Time			24%	24%	81%	72%	72%				75%
Lost Time			18.25	18.25	34.59	77.92	63.00				175.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			8,600	8,600	732,805	686,236	395,988				1,815,029
Adjustments											
Avg. Gross Cys					46,040	40,910	42,114				1,797
Gross CY/Hr			1,496	1,496	2,370	2,364	2,434				2,381
Gross Width			300								
% of Gross											
Avg. Gross Face			8.6								
Start Station			13+25								
End Station			12+35								
Advance			90	90	17,042	630	4,655				22,327
Avg. Advance					1,071	38	495				22
Adv. Ft/Hr			15.7	15.7	55	2	29				29
Coverage			27,000	27,000	5,112,600	189,000	1,163,000				6,464,600
Avg. Coverage					321,208	11,267	123,687				153,576
Coverage/Hr			4,696	4,696							
Req. Grade + O.D.			20-26								
Dredged Elev.			20-26								
Set Size			10								
Material Type			mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			8,600	8,600		428,898	395,988				824,886
Pay CY/Hr			1,496	1,496		1,477	2,434				1,082
Gross Cys			8,600	8,600		686,236	395,988				1,082,224
Gross CY/Hr			1,496	1,496		2,364	2,434				1,420
% of Gross						60%					31%
Start Station			41+00								
End Station			41+00								
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	12+35	0	0	0		#DIV/0!

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 41 | Page: 2 of 2 | Date: 8-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel										1846		
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,600	Lift			7.0
Submerged Line			18,000	Velocity			0
Shore Line			5,610				
Rubber Line							
Total Line Length			25,210				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			55.58
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline	1	1.75	2.75
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	2	0.17	13.50
Traffic			
Move Dredge	1	4.17	29.83
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	4	6.08	113.99
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR	2	12.17	15.50
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			6.50
Mechanical Total	2	12.17	42.09
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	18.25	200.75

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
3:55	4:30	Main pump - broke stud on packing gland	0:35
6:20	8:05	wash out pipeline with UW pump	1:45
8:05	12:15	Prep - tow Dredge Into harbor	4:10
12:15	23:50	Work on main pump	11:35
	0:10	moved anchors	0:10
		TOTAL	18:15

REMARKS:

21:38 Truck arrives at landing with shaft

22:40 Delta Fox arrived at dredge with shaft

Prepared By: Jason Settle

Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/9/2006 **Report #** 260

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	SE	

TIDE:

+2.2	AM	Morning tide
+0.6	PM	Evening tide

LOCATION OF DISCHARGE: 29+20 / 0 feet east of pay profile line no. CG 6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James is down working on main pump.

The Marsh Buggy 878 -standing bye
D6- # 8827- standing bye
D6- # 8833- standing bye
D6- # 8848- standing bye
D6- # 8835- standing bye

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - under repair
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operable - idle
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable- idle
D6- # 8850- operable- idle
D6- # 8833- operable-idle
D6- # 8848- operable- idle
D6- # 8835- operable-idle
D6- # 8820- operable - idle
966F loader # 8409 - operable - idle
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7:45 AM to 8:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 4:30PM to 5:15 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Down for repairs.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: Battery charging area was inspected to insure that rubber gloves, apron, and face shield are present.
Quarter Boat: Crew were observed during operations to insure hardhats, lifevest, and proper footwear and clothing were being worn.

8. Progress Summary :
NA

Explanation of downtime:
NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes. Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 42 Page: 1 of 2 Date: 9-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time			24.00	24.00	382.00	402.58	249.67				1034.25
Operating Time			0		309.17	290.33	162.67				762.17
% of Total Time					81%	72%	65%				74%
Lost Time			24.00	24.00	34.59	77.92	87.00				199.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys			0		732,805	686,236	395,988				1,815,029
Adjustments											
Avg. Gross Cys					46,040	40,910	38,066				
Gross CY/Hr					2,370	2,364	2,434				2,381
Gross Width			300								
% of Gross											
Avg. Gross Face			0								
Start Station			7+65								
End Station			7+65								
Advance			0		17,042	630	4,655				22,327
Avg. Advance					1,071	38	447				22
Adv. Ft/Hr					55	2	29				29
Coverage					5,112,600	189,000	1,163,000				6,464,600
Avg. Coverage					321,208	11,267	111,797				150,012
Coverage/Hr											
Req. Grade + O.D.			20-26								
Dredged Elev.			20-26								
Set Size			10								
Material Type			mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						428,898	395,988				824,886
Pay CY/Hr						1,477	2,434				1,082
Gross Cys						686,236	395,988				1,082,224
Gross CY/Hr						2,364	2,434				1,420
% of Gross						60%					31%
Start Station		29+20									
End Station		29+20									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	7+65	0	0	0	0	0

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 42 Page: 2 of 2 Date: 9-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel												
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line			1,600	Lift			7.0
Submerged Line			18,000	Velocity			0
Shore Line							
Rubber Line							
Total Line Length			19,600				

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	20.7

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			55.58
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			2.75
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors			13.50
Traffic			
Move Dredge			29.83
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total			113.99
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR	1	24.00	39.50
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			6.50
Mechanical Total	1	24.00	66.09
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	224.75

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
00:00	24:00	Dredge down, in harbor, working on main pump	24.00
		TOTAL	24.00

REMARKS:

22:30 Delta Ranger arrived at Dredge with fuel

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/10/2006 **Report #** 261

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 82 Max. 91

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.4	AM	Morning tide
Fill Area	1 to 3	Feet	+1.0	PM	Evening tide
Wave Direction	SE				

LOCATION OF DISCHARGE: 28+50 / 70 feet west of pay profile line no. CG 6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James started back up at 15:30 in cut # 8. Sand material was pumped to beach with an approx. gross of 18,231 cys. With a 70 ft. advance.

Tom James operating time was 7 hrs. and 35 min.

The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- helping beach crew with diking up on beach.
D6- # 8827- operating
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - under repair
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable - idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operable - idle
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 8:00 AM to 9:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 4:45PM to 5:30 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating as of 15:30.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

Tom James: All equipment is being operated only by designated personnel.

Quarter Boat: All exit door and passageways were checked to insure signs were in place and free of obstructions.

8. Progress Summary :

NA

Explanation of downtime:

NA

.

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 43 Page: 1 of 2 Date: 10-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	426.58	249.67				1058.25
Operating Time		7.58		7.58	309.17	297.91	162.67				769.75
% of Total Time		32%		32%	81%	70%	65%				73%
Lost Time		16.42		16.42	34.59	94.34	87.00				215.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		18,231		18,231	732,805	704,467	395,988				1,833,260
Adjustments											
Avg. Gross Cys					46,040	39,634	38,066				
Gross CY/Hr		2,405		2,405	2,370	2,365	2,434				2,382
Gross Width		300									
% of Gross											
Avg. Gross Face		8.4									
Start Station		15+95									
End Station		17+90									
Advance		195		195	17,042	825	4,655				22,522
Avg. Advance					1,071	46	447				21
Adv. Ft/Hr		25.7		25.7	55	3	29				29
Coverage		58,500		58,500	5,112,600	247,500	1,163,000				6,523,100
Avg. Coverage					321,208	13,925	111,797				147,937
Coverage/Hr		7,718		7,718							
Req. Grade + O.D.		-32									
Dredged Elev.		-32									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		11,394		11,394		440,383	395,988				836,371
Pay CY/Hr		1,503		1,503		1,478	2,434				1,087
Gross Cys		18,231		18,231		704,467	395,988				1,100,455
Gross CY/Hr		2,405		2,405		2,365	2,434				1,430
% of Gross		60%		60%		60%					32%
Start Station		29+20									
End Station		28+50									
Advance		70		70		70					70
Adv. Ft/Hr		9		9		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	19+90	6.00	200	33	16,100	2,683

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 43 Page: 2 of 2 Date: 10-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						274						
Rack						21						
Horsepower						2551						
Exhaust Temp.						750						
Dredge Fuel						1460						
Pump RPM						250						
In Pressure						5						
Out Pressure						129						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift			7.0
Submerged Line		18,000		Velocity			113.0
Shore Line		70					
Rubber Line							
Total Line Length		19,670					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	20.7

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			55.58
Rubber Line	1	0.67	2.00
Sub Line Dredge			
Clean Pipeline			2.75
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	3	0.25	13.75
Traffic			
Move Dredge	2	5.08	34.92
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	6	6.00	120.00
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR	1	10.42	49.92
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			6.50
Mechanical Total	1	10.42	76.51
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	16.42	241.17

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
00:00	10:25	Same delays as yesterday , Working on Main Pump	10:25
10:25	14:25	Towing Dredge to Job Site	4:00
14:25	15:30	Prep Dredge - Stat at 15+95 Cut # 8 Sand Temp.	1:05
3:40	4:20	Stern Rubber Hose Conection Gasket	0:40
	0:15	Moved Anchors 3x	0:15
		TOTAL	16:25

REMARKS:

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/11/2006 **Report #** 262

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 81 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	SE	

TIDE:

+2.2	AM	Morning tide
+0.9	PM	Evening tide

LOCATION OF DISCHARGE: 28+50 / 70 feet west of pay profile line no. CG 6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 52,784 cys.
With a 0 ft. advance.

Tom James operating time was 21 hrs. and 50 min.

The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- helping beach crew with diking up on beach.
D6- # 8827- operating
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The beach survey crew took water section to insure there was enough material to fill template.
Section were taken from 28+00 to 23+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable - idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operable - idle
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)
Daily Patrol- 7:30 AM to 8:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 4:00PM to 5:15 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)
NA

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
Tom James: Battery charging area was inspected to insure that rubber gloves, apron, and face shield are avaible.
Quarter Boat: Lights were checked on all barges, buoys, and pontoons.

8. Explanation of downtime:
NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes. Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 44 Page: 1 of 2 Date: 11-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	450.59	249.67				1082.26
Operating Time		21.83		21.83	309.17	319.75	162.67				791.58
% of Total Time		91%		91%	81%	71%	65%				73%
Lost Time		2.17		2.17	34.59	96.51	87.00				218.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		52,784		52,784	732,805	757,251	395,988				1,886,044
Adjustments											
Avg. Gross Cys					46,040	40,334	38,066				
Gross CY/Hr		2,418		2,418	2,370	2,368	2,434				2,383
Gross Width		300									
% of Gross											
Avg. Gross Face		8.3									
Start Station		17+90	1+00								
End Station		22+00	2+60								
Advance		570		570	17,042	1,395	4,655				23,092
Avg. Advance					1,071	74	447				21
Adv. Ft/Hr		26.1		26.1	55	4	29				29
Coverage		171,000		171,000	5,112,600	418,500	1,163,000				6,694,100
Avg. Coverage					321,208	22,291	111,797				148,448
Coverage/Hr		7,832		7,832							
Req. Grade + O.D.		-29 to -32									
Dredged Elev.		-29 to -32									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		32,990		32,990		473,373	395,988				869,361
Pay CY/Hr		1,511		1,511		1,480	2,434				1,098
Gross Cys		52,784		52,784		757,251	395,988				1,153,239
Gross CY/Hr		2,418		2,418		2,368	2,434				1,457
% of Gross		60%		60%		60%					33%
Start Station		28+50									
End Station		28+50									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	4+05	5.92	145	25	12,294	2,078

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 44 Page: 2 of 2 Date: 11-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						279						
Rack						21						
Horsepower						2731						
Exhaust Temp.						778						
Dredge Fuel						6121						
Pump RPM						254						
In Pressure						3						
Out Pressure						133						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		6.0	
Submerged Line		16,500		Velocity		13.3	
Shore Line		70					
Rubber Line							
Total Line Length		18,170					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	20.7

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.25	55.83
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline			2.75
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	8	0.67	14.42
Traffic			
Move Dredge			34.92
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	9	0.92	120.91
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR	1	1.25	51.17
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			6.50
Mechanical Total	1	1.25	77.76
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	2.17	243.34

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
1:35	2:50	Weld strap on tail shaft for main pump & repack main pump	1:15
9:35	9:50	Fill - push up levee.	0:15
	0:40	Move anchors (x8)	0:40
		TOTAL	2:10

REMARKS:

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/12/2006 **Report #** 263

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.5	AM	Morning tide
Fill Area	1 to 3	Feet	+0.8	PM	Evening tide
Wave Direction	SE				

LOCATION OF DISCHARGE: 28+50/70 feet west of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 43,975 cys.
With a 0 ft. advance.

Tom James operating time was 21 hrs. and 45 min.

The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- helping beach crew with diking up on beach.
D6- # 8827- operating
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Grade and alignment continue to be staked on beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable - idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operable - idle
ATV - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 9:30 AM to10:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 4:00PM to 5:15 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

NA

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES
Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James continuing to dredge in cut # 9

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 45 | Page: 1 of 2 | Date: 12-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	474.59	249.67				1106.26
Operating Time		21.75		21.75	309.17	341.50	162.67				813.33
% of Total Time		91%		91%	81%	72%	65%				74%
Lost Time		2.25		2.25	34.59	98.76	87.00				220.34
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		43,975		43,975	732,805	801,226	395,988				1,930,019
Adjustments											
Avg. Gross Cys					46,040	40,518	38,066				
Gross CY/Hr		2,022		2,022	2,370	2,346	2,434				2,373
Gross Width		300									
% of Gross											
Avg. Gross Face		27.3									
Start Station		2+60	8+10								
End Station		4+05	12+45								
Advance		145	435	580	17,042	1,540	5,090				23,672
Avg. Advance					1,071	78	489				21
Adv. Ft/Hr		6.7		26.7	12	5	31				29
Coverage		43,500		43,500	5,112,600	462,000	1,163,000				6,737,600
Avg. Coverage					321,208	23,363	111,797				146,171
Coverage/Hr		2,000		2,000							
Req. Grade + O.D.		-29 to -32									
Dredged Elev.		-29 to -32									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		27,484		27,484		500,857	395,988				896,845
Pay CY/Hr		1,264		1,264		1,467	2,434				1,103
Gross Cys		43,975		43,975		801,226	395,988				1,197,214
Gross CY/Hr		2,022		2,022		2,346	2,434				1,472
% of Gross		60%		60%		60%					33%
Start Station		28+50									
End Station		28+50									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	1422	6.00	177	30	14,627	2,438

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 45 Page: 2 of 2 Date: 12-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						285						
Rack						21						
Horsepower						2738						
Exhaust Temp.						819						
Dredge Fuel						4364						
Pump RPM						257						
In Pressure						4						
Out Pressure						128						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		6.0	
Submerged Line		16,500		Velocity		13.1	
Shore Line		70					
Rubber Line							
Total Line Length		18,170					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work			55.83	6:40	8:05	Move Dredge - stopped at sta 4+05 on temparary cut then moved	1:25
Rubber Line			2.00			to Cut # 9, sta 8+10. Also changed teeth on cutter.	
Sub Line Dredge				17:05	17:35	Engine Room: tighten packing on main pump.	0:30
Clean Pipeline			2.75				
Clean Pump			1.50		0:20	Move anchors (x4)	0:20
Clean Cutter/Suction			0.67				
Anchors	4	0.33	14.75				
Traffic							
Move Dredge	1	1.42	36.33				
Re-pin Spuds							
Change Cutter			1.08				
Change Pump							
Misc			7.75				
Operational Total	5	1.75	122.66				
Weather Standby			38.25				
Weather Repairs							
Weather Moving			6.42				
Weather Total			44.67				
Pump RPR			51.17				
Cutter RPR			0.75				
Spud RPR							
Electrical			0.25				
Eng Rm In			19.08				
Eng Rm Out	1	0.50	7.00				
Mechanical Total	1	0.50	78.26			TOTAL	2:15
Bstr (1) Deck							
Bstr (1) Eng Rm							
Booster Total							
Total Lost Time	6	2.25	245.59				

REMARKS:

The dredge is digging in hard sand in Cut # 9.

The rental tug Delta Fox has been replaced with the Delta Duck.

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/13/2006 **Report #** 264

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 89

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.5 AM	Morning tide
Fill Area	1 to 3	Feet	+1.0 PM	Evening tide
Wave Direction	SE			

LOCATION OF DISCHARGE: 27+50/170 feet west of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 47,510 cys.
With a 50 ft. advance.

Tom James operating time was 20 hrs. and 10 min.

The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- helping beach crew with diking up on beach.
D6- # 8827- operating
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey crews RTK antenna transmitter down, should be replaced 7-14-06.
Received equipment late afternoon.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable - idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operable - idle
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 9:30 AM to 10:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 3:00PM to 4:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

NA

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

NA

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. NA and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James continuing to dredge in cut # 9

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths.

David Johnston

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 46 Page: 1 of 2 Date: 13-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	498.59	249.67				1130.26
Operating Time		22.08		22.08	309.17	363.58	162.67				835.41
% of Total Time		92%		92%	81%	73%	65%				74%
Lost Time		1.92		1.92	34.59	100.67	87.00				222.26
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		51,326		51,326	732,805	852,552	395,988				1,981,345
Adjustments											
Avg. Gross Cys					46,040	41,039	38,066				
Gross CY/Hr		2,324		2,324	2,370	2,345	2,434				2,372
Gross Width		300									
% of Gross											
Avg. Gross Face		7.2									
Start Station		12+45									
End Station		18+85									
Advance		640		640	17,042	2,615	4,655				24,312
Avg. Advance					1,071	126	447				22
Adv. Ft/Hr		29.0		29.0	55	7	29				29
Coverage		192,000		192,000	5,112,600	784,500	1,163,000				7,060,100
Avg. Coverage					321,208	37,763	111,797				149,915
Coverage/Hr		8,694		8,694							
Req. Grade + O.D.		-28									
Dredged Elev.		-32									
Set Size		10									
Material Type		SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		32,078		32,078		532,935	395,988				928,923
Pay CY/Hr		1,453		1,453		1,466	2,434				1,112
Gross Cys		51,326		51,326		852,552	395,988				1,248,540
Gross CY/Hr		2,324		2,324		2,345	2,434				1,495
% of Gross		60%		60%		60%					34%
Start Station		28+50									
End Station		28+00									
Advance		50		50		50					50
Adv. Ft/Hr		2		2		0					0
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	14+45	5.08	190	37	13,365	2,629

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 46 Page: 2 of 2 Date: 13-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						275						
Rack						21						
Horsepower						3856						
Exhaust Temp.						758						
Dredge Fuel						7652						
Pump RPM						249						
In Pressure						5						
Out Pressure						128						
Water Vacuum												
Working Vacuum												
Vane x Dia		4X84				4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		6.0	
Submerged Line		16,500		Velocity		13.1	
Shore Line		120					
Rubber Line							
Total Line Length		18,220					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	1.42	57.25
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline			2.75
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	6	0.50	15.25
Traffic			
Move Dredge			36.33
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc (trash)			7.75
Operational Total	8	1.92	124.58
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			51.17
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			7.00
Mechanical Total			78.26
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	1.92	247.50

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
6:00	7:05	Fill - add Y- valve in shore line, Changed Cutter Teeth	1:05
7:10	7:30	Fill- Put Elbow back On Shore Line	0:20
	0:30	Moved anchors 6x	0:30
		TOTAL	1:55

REMARKS:

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/14/2006 **Report #** 265

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	SE	

TIDE:

+2.5	AM	Morning tide
+1.0	PM	Evening tide

LOCATION OF DISCHARGE: 27+50/170 feet west of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 47510 cys.
With a 50 ft. advance on the beach.

Tom James operating time was 20 hrs. and 10 min.

The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
D6- # 8827- operating
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey crews RTK antenna transmitter down, should be replaced 7-14-06.
Received equipment late afternoon.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable - idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operable - idle
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 9:30 AM to 10:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 3:00PM to 4:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

N/A

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James continuing to dredge in cut # 9
The Dredge Tom James continues to pump very fine silty material from the borrow area. This material is not stacking up very well on the beach.
The material is running very far ahead and taking a very flat slope. The shore crew is having a very hard time trying to control the pumped material.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 47 | Page: 1 of 2 | Date: 14-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	522.59	249.67				1154.26
Operating Time		20.17		20.17	309.17	383.75	162.67				855.58
% of Total Time		84%		84%	81%	73%	65%				74%
Lost Time		3.83		3.83	34.59	104.51	87.00				226.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		47,510		47,510	732,805	900,062	395,988				2,028,855
Adjustments											
Avg. Gross Cys					46,040	41,336	38,066				
Gross CY/Hr		2,356		2,356	2,370	2,345	2,434				2,371
Gross Width		300									
% of Gross											
Avg. Gross Face		6.6									
Start Station		18+85	16+45								
End Station		20+45	11+55								
Advance		650		650	17,042	3,265	4,655				24,962
Avg. Advance					1,071	150	447				22
Adv. Ft/Hr		32.2		32.2	55	9	29				29
Coverage		195,000		195,000	5,112,600	979,500	1,163,000				7,255,100
Avg. Coverage					321,208	44,984	111,797				150,852
Coverage/Hr		9,669		9,669							
Req. Grade + O.D.		28-32									
Dredged Elev.		28-32									
Set Size		10									
Material Type		Fine sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		23,255		23,255		556,181	395,988				952,169
Pay CY/Hr		1,153		1,153		1,449	2,434				1,113
Gross Cys		47,510		47,510		900,062	395,988				1,296,050
Gross CY/Hr		2,356		2,356		2,345	2,434				1,515
% of Gross		50%		50%		62%					36%
Start Station		28+00									
End Station		27+50									
Advance		50		50		50					50
Adv. Ft/Hr		2		2		0					0
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	8+30	4.83	210	43	11,348	2,348

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 47 Page: 2 of 2 Date: 14-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						279						
Rack						21						
Horsepower						2758						
Exhaust Temp.						776						
Dredge Fuel						7130						
Pump RPM						255						
In Pressure						35						
Out Pressure						124						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		6.0	
Submerged Line		16,500		Velocity		13.0	
Shore Line		170					
Rubber Line							
Total Line Length		18,270					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.75	58.00
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline			2.75
Clean Pump			1.50
Clean Cutter/Suction	1	1.58	2.25
Anchors	7	0.58	15.83
Traffic			
Move Dredge	1	0.92	37.25
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc.			7.75
Operational Total	10	3.83	128.41
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			51.17
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			19.08
Eng Rm Out			7.00
Mechanical Total			78.26
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	3.83	251.34

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
03:30	04:25	Move Dredge- Stop S.S 18+10 Cut 9 turn Dredge to Cut 8 SS 18+8	0:55
07:55	08:40	Fill- Move line on shore, repack M. Pump, make eye in STBD Spud-	0:45
		cable, and change 6 cutter teeth	
10:00	11:35	Clean Cutter Teeth	1:35
	0:35	Moved Anchors 7x	0:35
		TOTAL	3:50

REMARKS:

08:50 - Tug Paton departed to go to the Dredge Borinqen

(Beach) Start STA 18+85 - End STA 20+45 (Cut 9 Sand) = 160 ADV.

(Beach) Start STA 16+45 - End STA 11+55 (Cut 8 Sand) = 490 ADV.

COMBINE CUT9 ADV. + CUT 8 ADV. = ADV. TOTAL OF 650 ALL BEACH

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/15/2006 **Report #** 266

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 90

WIND SPEED: 5.00 to 12.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.5	AM	Morning tide
Fill Area	1 to 3	Feet	+1.0	PM	Evening tide
Wave Direction	S				

LOCATION OF DISCHARGE: 27+50/170 feet west of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet west of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 54,959 cys.
With a 0 ft. advance on the beach.

Tom James operating time was 20 hrs. and 25 min.

The tug boat Augusta arrived today with water barge.

The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
D6- # 8827- operating
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey crews RTK antenna transmitter back in place and operating. Survey crew took checks from sta. 23+00 to 11+00

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operable - idle
D6- # 8833- operating
D6- # 8848- operating
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operable - idle
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 7:30 AM to 8:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 3:00PM to 4:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

N/A

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James continuing to dredge in cut # 7 and # 8.
The Dredge Tom James continues to pump very fine silty material from the borrow area. This material is not stacking up very well on the beach.
The material is running very far ahead and taking a very flat slope. The shore crew is having a very hard time trying to control the pumped material.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 48 Page: 1 of 2 Date: 15-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	546.59	249.67				1178.26
Operating Time		20.42		20.42	309.17	404.16	162.67				876.00
% of Total Time		85%		85%	81%	74%	65%				74%
Lost Time		3.58		3.58	34.59	108.09	87.00				229.68
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		54,959		54,959	732,805	955,021	395,988				2,083,814
Adjustments											
Avg. Gross Cys					46,040	41,934	38,066				
Gross CY/Hr		2,692		2,692	2,370	2,363	2,434				2,379
Gross Width		233									
% of Gross											
Avg. Gross Face		7.0									
Start Station		11+55	7+35								
End Station		9+40	14+25								
Advance		905		905	17,042	4,170	4,655				25,867
Avg. Advance					1,071	183	447				22
Adv. Ft/Hr		44.3		44.3	55	10	29				30
Coverage		210,865		210,865	5,112,600	1,190,365	1,163,000				7,465,965
Avg. Coverage					321,208	52,268	111,797				152,075
Coverage/Hr		10,328		10,328							
Req. Grade + O.D.		29-32									
Dredged Elev.		29-32									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		27,479		27,479		584,460	395,988				980,448
Pay CY/Hr		1,346		1,346		1,446	2,434				1,119
Gross Cys		54,959		54,959		955,021	395,988				1,351,009
Gross CY/Hr		2,692		2,692		2,363	2,434				1,542
% of Gross		50%		50%		63%					38%
Start Station		27+50									
End Station		27+50									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	15+78	5.83	153	26	12,070	2,069

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 48 Page: 2 of 2 Date: 15-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						324						
Rack						32						
Horsepower						5823						
Exhaust Temp.						864						
Dredge Fuel						5203						
Pump RPM						295						
In Pressure						****						
Out Pressure						201						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		6.0	
Submerged Line		16,500		Velocity		14.3	
Shore Line		170					
Rubber Line							
Total Line Length		18,270					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work	1	0.67	58.66	03:45	04:45	Moved Dredge- Stopped at SS 11+75 Cut 8, movet to SS 500 Cut 7	1:00
Rubber Line			2.00	14:00	14:40	Fill - Working on Dykes	0:40
Sub Line Dredge				14:40	15:00	M. Pump - Repack	0:20
Clean Pipeline			2.75	17:30	17:45	M. Pump - Packining	0:15
Clean Pump			1.50	18:50	19:40	M. Pump - Packining	0:50
Clean Cutter/Suction			2.25				
Anchors			15.83				
Traffic					00:30	Moved Anchors 6x	0:30
Move Dredge	1	1.00	38.25				
Re-pin Spuds							
Change Cutter			1.08				
Change Pump							
Misc.			7.75				
Operational Total	2	1.67	130.08				
Weather Standby			38.25				
Weather Repairs							
Weather Moving			6.42				
Weather Total			44.67				
Pump RPR	3	1.42	52.59				
Cutter RPR			0.75				
Spud RPR							
Electrical			0.25				
Eng Rm In			19.08				
Eng Rm Out			7.00				
Mechanical Total	3	1.42	79.67	**REMARKS:**		**In Pressure Guage needs to be fixed** TOTAL	3:35
Bstr (1) Deck				* Excessive Advance due to first 300 ft , averaged approx. 100 ft Swing *			
Bstr (1) Eng Rm				(Sand)) **STA 11+55 - 9+40 (Cut 8 Sand) = 215 ADV.**			
Booster Total				**STA 7+35 - 14+25 (Cut 7 Sand) =690 ADV.**			
Total Lost Time	5	3.08	254.42	**Comnine Both (Cut 8 + Cut 7) Advances = 905 Total Advance**			

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/16/2006 **Report #** 267

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 92

WIND SPEED: 5.00 to 12.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

+2.5	AM	Morning tide
+1.0	PM	Evening tide

LOCATION OF DISCHARGE: 30+50/130 feet east of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 49867 cys.
With a130 ft. advance on the beach.

Tom James operating time was 19 hrs. and 35 min.

The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.

D6- # 8833- operating

D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey Crew staked seaward side from 29+20 to 36+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- under repair
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 7:30 AM to 8:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 4:00PM to 5:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

N/A

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James continuing to dredge in cut # 7.
Due to very fine silty material, the beach/dune template is not building up very well. The material continues to run very far ahead and cut deep trenches in the fill area. The location of the discharge on the beach was changed today. The pipeline is now pointing towards the East and we are pumping in a eastward direction until we encounter better fill material that will stack up and not run out of the footprint.
When better fill material is encountered we will resume pumping in a westward direction and try to finish the limits of the West end..

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 49 Page: 1 of 2 Date: 16-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	570.59	249.67				1202.26
Operating Time		19.58		19.58	309.17	423.75	162.67				895.58
% of Total Time		82%		82%	81%	74%	65%				74%
Lost Time		4.42		4.42	34.59	112.51	87.00				234.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		49,867		49,867	732,805	1,004,888	395,988				2,133,681
Adjustments											
Avg. Gross Cys					46,040	42,268	38,066				
Gross CY/Hr		2,546		2,546	2,370	2,371	2,434				2,382
Gross Width		300									
% of Gross											
Avg. Gross Face		8.8									
Start Station		14+25									
End Station		19+35									
Advance		510		510	17,042	4,680	4,655				26,377
Avg. Advance					1,071	197	447				22
Adv. Ft/Hr		26.0		26.0	55	11	29				29
Coverage		153,000		153,000	5,112,600	1,343,365	1,163,000				7,618,965
Avg. Coverage					321,208	56,505	111,797				152,093
Coverage/Hr		7,813		7,813							
Req. Grade + O.D.		29-32									
Dredged Elev.		29-32									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		24,933		24,933		609,393	395,988				1,005,381
Pay CY/Hr		1,273		1,273		1,438	2,434				1,123
Gross Cys		49,867		49,867		960,488	395,988				1,356,476
Gross CY/Hr		2,546		2,546		2,267	2,434				1,515
% of Gross		50%		50%		58%					35%
Start Station		29+20									
End Station		30+50									
Advance		130		130		130					130
Adv. Ft/Hr		7		7		0					0
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	20+70	5.83	135	23	13,200	2,263

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 49 Page: 2 of 2 Date: 16-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						316						
Rack						25						
Horsepower						3588						
Exhaust Temp.						838						
Dredge Fuel						5319						
Pump RPM						290						
In Pressure						*****						
Out Pressure						160						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		6.0	
Submerged Line	16,500			Velocity		13.9	
Shore Line	130						
Rubber Line							
Total Line Length	18,230						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	3.25	61.91
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline			2.75
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors	5	0.42	16.25
Traffic			
Move Dredge			38.25
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc.			7.75
Operational Total	7	3.67	133.75
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			52.59
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In	1	0.75	19.83
Eng Rm Out			7.00
Mechanical Total	1	0.75	80.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	4.42	258.84

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
08:15	09:00	M. Engine- water leak	0:45
11:05	13:40	Fill - wash out lines and turn shor line around add Y valve + (2) pipe	2:35
14:00	14:40	Fill - Fix Shore line leak	0:40
	00:25	Moved Anchors 5x	0:25
		TOTAL	4:25

REMARKS:

** Pressure In gauge needs to be Fixed**

Tom James continues to cut in # 7

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/17/2006 **Report #** 268

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE**: Min. 80 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

+2.5	AM	Morning tide
+0.8	PM	Evening tide

LOCATION OF DISCHARGE: 30+50/130 feet east of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 54,801 cys.
With a130 ft. advance on the beach.

Tom James operating time was 23 hrs. and 30 min.
The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.

D6- # 8833- operating

D6- # 8835- operating

2. Result of Surveillance (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey Crew staked seaward side from 36+00 to 41+00. Checks were taken from 30+00 to 36+00, also from 7+42 to 9+84.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- under repair
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 7:00 AM to 8:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 5:00PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received:(List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

N/A

9. Avoidance of Overdredging Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James continuing to dredge in cut # 7. Beach fill material continues to be fine and very silty. Very hard to keep with in footprint of design as material continues to run rather than stack up.

CONTRACTOR'S Verification The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 50 Page: 1 of 2 Date: 17-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	594.59	249.67				1226.26
Operating Time		23.50		23.50	309.17	447.25	162.67				919.08
% of Total Time		98%		98%	81%	75%	65%				75%
Lost Time		0.50		0.50	34.59	113.01	87.00				234.59
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		54,801		54,801	732,805	1,059,689	395,988				2,188,482
Adjustments											
Avg. Gross Cys					46,040	42,773	38,066				
Gross CY/Hr		2,332		2,332	2,370	2,369	2,434				2,381
Gross Width		300									
% of Gross											
Avg. Gross Face		7.6									
Start Station		19+35									
End Station		25+80									
Advance		645		645	17,042	5,325	4,655				27,022
Avg. Advance					1,071	215	447				22
Adv. Ft/Hr		27.4		27.4	55	12	29				29
Coverage		193,500		193,500	5,112,600	1,536,865	1,163,000				7,812,465
Avg. Coverage					321,208	62,034	111,797				152,904
Coverage/Hr		8,234		8,234							
Req. Grade + O.D.		29-32									
Dredged Elev.		29-32									
Set Size		10									
Material Type		SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		27,400		27,400		636,793	395,988				1,032,781
Pay CY/Hr		1,166		1,166		1,424	2,434				1,124
Gross Cys		54,801		54,801		1,015,289	395,988				1,411,277
Gross CY/Hr		2,332		2,332		2,270	2,434				1,536
% of Gross		50%		50%		59%					37%
Start Station		30+50									
End Station		30+50									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	27+88	5.83	208	36	14,592	2,502

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number:	W912P-8-06-C-0125	Location:	Chaland Headland Restoration		
Dredge:	*TOM JAMES*	Report Number:	50	Page: 2 of 2	Date: 17-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						287						
Rack						24						
Horsepower						3206						
Exhaust Temp.						801						
Dredge Fuel						6417						
Pump RPM						261						
In Pressure						*****						
Out Pressure						150						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION / **CUTTER**

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600		Lift		6.0		Type	Basket
Submerged Line		16,500		Velocity		14.2		No. of Blades	6
Shore Line		130						Teeth	Serrated
Rubber Line								Avg. RPM	25
Total Line Length		18,230							

LOST TIME BREAKDOWN / **LEVERMAN'S LOG**

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work			61.91				
Rubber Line			2.00				
Sub Line Dredge					0:30	Moved Anchors 6x	0:30
Clean Pipeline			2.75				
Clean Pump			1.50				
Clean Cutter/Suction			2.25				
Anchors	6	0.50	16.75				
Traffic							
Move Dredge			38.25				
Re-pin Spuds							
Change Cutter			1.08				
Change Pump							
Misc.			7.75				
Operational Total	6	0.50	134.25				
Weather Standby			38.25				
Weather Repairs							
Weather Moving			6.42				
Weather Total			44.67				
Pump RPR			52.59				
Cutter RPR			0.75				
Spud RPR							
Electrical			0.25				
Eng Rm In			19.83				
Eng Rm Out			7.00				
Mechanical Total			80.42	**REMARKS:**		TOTAL	0:30
Bstr (1) Deck				**** " Pressure In" gauge, needs to be Fixed****			
Bstr (1) Eng Rm				The dredge continues to pump sand from Cut 7 to the fill.			
Booster Total							
Total Lost Time	6	0.50	259.34				

Prepared By: Jason Settle

Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/18/2006 **Report #** 269

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 80 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 3	Feet	+2.5	AM	Morning tide
Fill Area	1 to 3	Feet	+0.8	PM	Evening tide
Wave Direction	S				

LOCATION OF DISCHARGE: 30+50/130 feet east of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 16434 cys.
With a 0 ft. advance on the beach.

Tom James operating time was 8 hrs. and 20 min.

The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.

D6- # 8833- operating

D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey Crew staked seaward side and any missing stakes from 41+00 to 46+00.
Also from 29+20 to 26+00 for dressing.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - under repair
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- under repair
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 7:00 AM to 8:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 5:15PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

N/A

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James finished dredging in cut # 7. Beach fill material continues to be fine and very silty. Very hard to keep within footprint of design as material continues to run rather than stack up. Tom James moved to cut # 6 where it broke down in need of pump repair.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 51 | Page: 1 of 2 | Date: 18-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	618.59	249.67				1250.26
Operating Time		8.33		8.33	309.17	455.58	162.67				927.41
% of Total Time		35%		35%	81%	74%	65%				74%
Lost Time		15.67		15.67	34.59	128.67	87.00				250.26
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		16,434		16,434	732,805	1,076,123	395,988				2,204,916
Adjustments											
Avg. Gross Cys					46,040	41,752	38,066				
Gross CY/Hr		1,972		1,972	2,370	2,362	2,434				2,377
Gross Width		245									
% of Gross											
Avg. Gross Face		5.9									
Start Station		25+80	10+50								
End Station		27+95	11+40								
Advance		305		305	17,042	5,630	4,655				27,327
Avg. Advance					1,071	218	447				22
Adv. Ft/Hr		36.6		36.6	55	12	29				29
Coverage		74,725		74,725	5,112,600	1,611,590	1,163,000				7,887,190
Avg. Coverage					321,208	62,527	111,797				151,403
Coverage/Hr		8,967		8,967							
Req. Grade + O.D.		-29 to -32									
Dredged Elev.		-29 to -32									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		8,217		8,217		645,010	395,988				1,040,998
Pay CY/Hr		986		986		1,416	2,434				1,122
Gross Cys		16,434		16,434		1,031,723	395,988				1,427,711
Gross CY/Hr		1,972		1,972		2,265	2,434				1,539
% of Gross		50%		50%		50%					37%
Start Station		30+50									
End Station		30+50									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
repairing dredge					

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 51 Page: 2 of 2 Date: 18-Jul-06

ENGINE ROOM & PUMP INFORMATION												
	Stripping				**Beach**				**Marsh**			
ITEM	**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**	
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel												
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION								CUTTER	
ITEM	**Stripping**	**Beach**	**Marsh**	**ITEM**	**Stripping**	**Beach**	**Marsh**	Type	Basket
Rubber Line		1,600		Lift		6.0		No. of Blades	6
Submerged Line		16,500		Velocity				Teeth	Serrated
Shore Line		130						Avg. RPM	25
Rubber Line									
Total Line Length		18,230							

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			61.91
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline	1	0.42	3.17
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors	2	0.17	16.92
Traffic			
Move Dredge	2	5.50	43.75
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc.			7.75
Operational Total	5	6.08	140.33
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR	3	9.58	62.17
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			19.83
Eng Rm Out			7.00
Mechanical Total	3	9.58	90.01
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	15.67	275.00

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
6:20	7:25	Move dredge - finnished digging in Cut #7 and moved to Cut # 6	1:05
		plus change 5 cutter teeth	
7:25	8:40	Repack Main Pump	1:15
10:50	11:30	down for Main Pump	0:40
11:30	11:55	Wash out line	0:25
11:55	12:15	Prep to tow dredge in to Grand Isle	0:20
12:15	16:20	Dredge in tow to Grand Isle	4:05
16:20	24:00	Working on Main Pump	7:40
	0:10	Move anchors (2x)	0:10
		TOTAL	15:40

REMARKS:

The dredge finished digging in Cut #7 (Sta 25+80 to 27+95)and was moved to Cut # 6 (Sta 10+50 t where the dredge continued pumping sand to the beach. Due to excessive leaking around the shaft sleeve, the dredge was towed into Grand Isle so that repairs could be made to the main pum

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/19/2006 **Report #** 270

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 79 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

+2.5	AM	Morning tide
+0.3	PM	Evening tide

LOCATION OF DISCHARGE: 30+50/130 feet east of pay profile line no. CG6

DRESSING OPERATIONS COMPLETE TO: 0 feet east of pay profile line no. CG6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 18867 cys.
With a 100 ft. advance on the beach. The Tom James completed repairs to the main pump and resumed dredging operations at approximately 3:30 pm today.
Tom James operating time was 8 hrs. and 05 min.

The Marsh Buggy 879 -operating- helping beach crew with diking up on beach.
The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.

D6- # 8833- operating

D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey Crew staked west end of marsh to see any overfills. Took checks from 38+00 to 44+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - under repair
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- under repair
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)

Daily Patrol- 7:00 AM to 8:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 4:15PM to 5:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating in afternoon after making repairs from midnight to 3:30 pm.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James was repaired and resumed dredging at approx. 15:35 Beach fill material continues to be fine and very silty.
The Tom James continues to dredge in cut area # 6.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 52 | Page: 1 of 2 | Date: 19-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	642.59	249.67				1274.26
Operating Time		8.08		8.08	309.17	463.66	162.67				935.50
% of Total Time		34%		34%	81%	72%	65%				73%
Lost Time		15.92		15.92	34.59	144.59	87.00				266.18
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		18,867		18,867	732,805	1,094,990	395,988				2,223,783
Adjustments											
Avg. Gross Cys					46,040	40,897	38,066				
Gross CY/Hr		2,334		2,334	2,370	2,362	2,434				2,377
Gross Width		283									
% of Gross											
Avg. Gross Face		5.0									
Start Station		11+40									
End Station		15+00									
Advance		360		360	27,687	5,990	4,655				38,332
Avg. Advance					1,739	224	447				30
Adv. Ft/Hr		44.5		44.5	90	13	29				41
Coverage		101,880		101,880	5,112,600	1,713,470	1,163,000				7,989,070
Avg. Coverage					321,208	63,996	111,797				150,470
Coverage/Hr		12,604		12,604							
Req. Grade + O.D.		26-30									
Dredged Elev.		26-30									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		11,098		11,098		656,108	395,988				1,052,096
Pay CY/Hr		1,373		1,373		1,415	2,434				1,125
Gross Cys		18,867		18,867		1,050,590	395,988				1,446,578
Gross CY/Hr		2,334		2,334		2,266	2,434				1,546
% of Gross		59%		50%		60%					37%
Start Station		30+50									
End Station		31+50									
Advance		100		100		100					100
Adv. Ft/Hr		12		12		0					0
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	16+85	5.83	185	32	13,507	2,317

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 52 Date: 19-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						342						
Rack						29						
Horsepower						4660						
Exhaust Temp.						908						
Dredge Fuel						3109						
Pump RPM						303						
In Pressure						50						
Out Pressure						180						
Water Vacuum												
Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		6.0	
Submerged Line	16,500			Velocity		14.9	
Shore Line	230						
Rubber Line							
Total Line Length	18,330						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			61.91
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors	4	0.33	17.25
Traffic			
Move Dredge	1	3.33	47.08
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc.	1	0.92	8.67
Operational Total	6	4.58	144.91
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR	1	11.33	73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			19.83
Eng Rm Out			7.00
Mechanical Total	1	11.33	101.34
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	15.92	290.92

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
00:00	11:20	Working on Main Pump Sleeve	11:20
11:20	14:40	Dredge in tow to job site	3:20
14:40	15:35	Setting up dredge	0:55
	0:20	Move anchors (4x)	0:20
		TOTAL	15:55

REMARKS:

Finished repairs to the Main Pump at 11:20. The dredge was back on site and digging at 15:35.
The dredge resumed digging sand in Cut # 6.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/20/2006 **Report #** 271

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 79 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

+2.7	AM	Morning tide
+0.4	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 29+20/0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James continued to pump sand material to beach with an approx. gross 49507 cys.
With a 280 ft. advance on the beach. The Tom James continues to dredge in cut # 6.
Dozers dressed and finished from 26+00 to 29+20.
Tom James operating time was21 hrs. and 00 min.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.

D6- # 8833- operating

D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey Crew staked transition stakes (where sand meets marsh) from 53+00 to 73+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - under repair
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- under repair
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 6:30 AM to 7:45 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 5:15PM to6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James continues to dredge in cut area # 6. Beach fill material is very fine and silty,
continuing to make it difficult for shore crew to manage.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 53 Page: 1 of 2 Date: 20-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	382.00	666.59	249.67				1298.26
Operating Time		21.00		21.00	309.17	484.66	162.67				956.50
% of Total Time		88%		88%	81%	73%	65%				74%
Lost Time		3.00		3.00	34.59	147.59	87.00				269.18
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		49,507		49,507	732,805	1,144,497	395,988				2,273,290
Adjustments											
Avg. Gross Cys					46,040	41,207	38,066				
Gross CY/Hr		2,357		2,357	2,370	2,361	2,434				2,377
Gross Width		300									
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					27,687	5,990	4,655				38,332
Avg. Advance					1,739	216	447				30
Adv. Ft/Hr					90	12	29				40
Coverage					5,112,600	1,713,470	1,163,000				7,989,070
Avg. Coverage					321,208	61,692	111,797				147,689
Coverage/Hr											
Req. Grade + O.D.		28-30									
Dredged Elev.		28-30									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		29,122		29,122		683,565	395,988				1,079,553
Pay CY/Hr		1,387		1,387		1,410	2,434				1,129
Gross Cys		49,507		49,507		1,100,097	395,988				1,496,085
Gross CY/Hr		2,357		2,357		2,270	2,434				1,564
% of Gross		70%		70%		61%					39%
Start Station		31+50									
End Station		34+30									
Advance		280		280		280					280
Adv. Ft/Hr		13		13		1					0
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	20+85	Down		#VALUE!		#VALUE!

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration
Dredge: *TOM JAMES* | Report Number: 53 | Page: 2 of 2 | Date: 20-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						305						
Rack						22						
Horsepower						3755						
Exhaust Temp.						855						
Dredge Fuel						7220						
Pump RPM						273						
In Pressure						53						
Out Pressure						164						
Water Vacuum												
Working Vacuum												
Vane x Dia					4x84							
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		6.0	
Submerged Line		18,000		Velocity		15.0	
Shore Line		510					
Rubber Line							
Total Line Length		20,110					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	2.00	63.91
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors	5	0.42	17.67
Traffic			
Move Dredge			47.08
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc.			8.67
Operational Total	6	2.42	147.33
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In	1	0.58	20.42
Eng Rm Out			7.00
Mechanical Total	1	0.58	101.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	3.00	293.92

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
13:45	14:20	Engine room: EMD cylinder #4 low pressure	0:35
19:15	21:15	Fill: push levees	2:00
	0:25	Move anchors 5x	0:25
		TOTAL	3:00

REMARKS:

The Tom James continues to cut in # 6.

Prepared By: Chad Bragg

Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/21/2006 **Report #** 272

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 79 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	1 to 3	Feet
Fill Area	1 to 3	Feet
Wave Direction	SW	

TIDE:

+2.7	AM	Morning tide
+0.4	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James Stripped mud in cut # 12. Stripping approx. 41,700 cys.

1 Dozer dressing north slope of beach.
Tom James operating time was 14 hrs. and 10 min.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.

D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey Crew took checks from 25+00 to 29+20.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whetl
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - under repair
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- under repair
D6- # 8833- under repair
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:30 AM to 8:30 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 4:15PM to 5:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James is stipping mud in cut # 12. See remarks in DDR.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 54 | Page: 1 of 2 | Date: 21-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	406.00	666.59	249.67				1322.26
Operating Time	14.17			14.17	323.33	484.66	162.67				970.66
% of Total Time	59%			59%	80%	73%	65%				73%
Lost Time	9.83			9.83	44.42	147.59	87.00				279.01
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	41,700			41,700	774,505	1,144,497	395,988				2,314,990
Adjustments											
Avg. Gross Cys					45,783	41,207	38,066				
Gross CY/Hr	2,944			2,944	2,395	2,361	2,434				2,385
Gross Width	300										
% of Gross											
Avg. Gross Face	8.7										
Start Station	0+00										
End Station	4+30										
Advance	430			430	28,117	5,990	4,655				38,762
Avg. Advance					1,662	216	447				29
Adv. Ft/Hr	30.4			30.4	87	12	29				40
Coverage	129,000			129,000	5,241,600	1,713,470	1,163,000				8,118,070
Avg. Coverage					309,846	61,692	111,797				147,349
Coverage/Hr	9,106			9,106							
Req. Grade + O.D.	18-20										
Dredged Elev.	18-20										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						683,565	395,988				1,079,553
Pay CY/Hr						1,410	2,434				1,112
Gross Cys						1,100,097	395,988				1,496,085
Gross CY/Hr						2,270	2,434				1,541
% of Gross						61%					39%
Start Station		34+30									
End Station		34+30									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	6+20	6.00	170	28	13,500	2,250

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 54 Page: 2 of 2 Date: 21-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		230										
Rack		27										
Horsepower		3870										
Exhaust Temp.		813										
Dredge Fuel		4151										
Pump RPM		211										
In Pressure		26										
Out Pressure		600										
Water Vacuum												
Working Vacuum												
Vane x Dia	4x84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	29.6		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	9.50	73.41
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors	4	0.33	18.00
Traffic			
Move Dredge			47.08
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc.			8.67
Operational Total	5	9.83	157.16
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			20.42
Eng Rm Out			7.00
Mechanical Total			101.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	9.83	303.75

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:00	9:30	Fill: Down for machinery out on fill. Move from cut #6 to cut #12	9:30
		to start stripping	
	0:20	Move swing anchors 4x	0:20
		TOTAL	9:50

REMARKS:
The decision was made to continue stripping mud, due to the lack of machinery operational on the
The dredge moved into cut #12 to strip the mud off the sand. Material is being pumped overboard.

Prepared By: Chad Bragg Approved By: ______________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/22/2006 **Report #** 273

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 79 Max. 90

WIND SPEED: 10.00 to 15.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 4	Feet
Fill Area	2 to 4	Feet
Wave Direction	SW	

TIDE:

+2.7	AM	Morning tide
+0.4	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James Stripped mud in cut # 12. Stripping approx .65,700cys.

4 Dozers dressing north slope of beach.
Tom James operating time was 20 hrs. and 55 min.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
The Marsh Buggy 879 gathering and stock piling debris for burning.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey Crew checked for any missing grade and replaced where needed along north slope from 7+42 to 45+00.
Crew boat went to Grand Isle. and retrieved a section of Y Valve.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whetl
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - under repair
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:30 AM to 8:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 5:15PM to 6:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James is stripping mud in cut # 12. See remarks in DDR.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 55 Page: 1 of 2 Date: 22-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	430.00	666.59	249.67				1346.26
Operating Time	20.92			20.92	344.25	484.66	162.67				991.58
% of Total Time	87%			87%	80%	73%	65%				74%
Lost Time	3.08			3.08	47.50	147.59	87.00				282.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	65,700			65,700	840,205	1,144,497	395,988				2,380,690
Adjustments											
Avg. Gross Cys					46,895	41,207	38,066				
Gross CY/Hr	3,141			3,141	2,441	2,361	2,434				2,401
Gross Width	300										
% of Gross											
Avg. Gross Face	8.4										
Start Station	4+30										
End Station	11+35										
Advance	705			705	28,822	5,990	4,655				39,467
Avg. Advance					1,609	216	447				29
Adv. Ft/Hr	33.7			33.7	84	12	29				40
Coverage	211,500			211,500	5,453,100	1,713,470	1,163,000				8,329,570
Avg. Coverage					304,357	61,692	111,797				148,493
Coverage/Hr	10,112			10,112							
Req. Grade + O.D.	18-20										
Dredged Elev.	18-20										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						683,565	395,988				1,079,553
Pay CY/Hr						1,410	2,434				1,089
Gross Cys						1,100,097	395,988				1,496,085
Gross CY/Hr						2,270	2,434				1,509
% of Gross						61%					39%
Start Station		34+30									
End Station		34+30									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	12+80	3.35	145	43	8,970	2,678

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 55 Page: 2 of 2 Date: 22-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		233										
Rack		28										
Horsepower		4167										
Exhaust Temp.		803										
Dredge Fuel		6543										
Pump RPM		215										
In Pressure		22										
Out Pressure		66										
Water Vacuum												
Working Vacuum												
Vane x Dia	4x84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	30.1		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			73.41
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors	5	0.42	18.42
Move Discharge	7	0.58	0.58
Move Dredge			47.08
Re-pin Spuds			
Change Cutter	1	0.33	1.41
Change Pump			
Misc.	1	1.58	10.25
Operational Total	14	2.92	160.08
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In	1	0.17	20.58
Eng Rm Out			7.00
Mechanical Total	1	0.17	102.09
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	15	3.08	306.84

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
6:25	6:45	Change cutter teeth	0:20
6:55	8:30	Change stbd swing cable	1:35
11:35	11:45	Tighten packing on main pump	0:10
	0:35	Move discharge 7x	0:35
	0:25	Move swing anchors 5x	0:25
		TOTAL	3:05

REMARKS:

The dredge continues working in cut #12 and will only be able to advance app. 300' until the dredge into cut #11 on 07/23/06.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/23/2006 **Report #** 274

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 79 Max. 89

WIND SPEED: 10.00 to 15.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 4	Feet	+2.7	AM	Morning tide
Fill Area	2 to 4	Feet	+0.4	PM	Evening tide
Wave Direction	SW				

TIDE:

LOCATION OF DISCHARGE 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James Stripped mud in cut # 12. Stripping approx .57,500cys.

4 Dozers dressing north slope of beach and southern slope.
7+42 to 53+00 on north slope, 24+00 to 29+20 on south side slope.
Tom James operating time was 16 hrs. and 55 min.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
The Marsh Buggy 879 gathering and stock piling debris for burning.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey Crew rained out.
Crew boat went to Grand Isle. and retrieved a section of Y Valve.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-9:30 AM to10:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 7:15 PM to 8:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.

Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James is stripping mud in cut # 12. See remarks in DDR.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 55 Page: 1 of 2 Date: 23-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	430.00	666.59	249.67				1346.26
Operating Time	20.92			20.92	344.25	484.66	162.67				991.58
% of Total Time	87%			87%	80%	73%	65%				74%
Lost Time	3.08			3.08	47.50	147.59	87.00				282.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	65,700			65,700	840,205	1,144,497	395,988				2,380,690
Adjustments											
Avg. Gross Cys					46,895	41,207	38,066				
Gross CY/Hr	3,141			3,141	2,441	2,361	2,434				2,401
Gross Width	300										
% of Gross											
Avg. Gross Face	8.4										
Start Station	4+30										
End Station	11+35										
Advance	705			705	28,822	5,990	4,655				39,467
Avg. Advance					1,609	216	447				29
Adv. Ft/Hr	33.7			33.7	84	12	29				40
Coverage	211,500			211,500	5,453,100	1,713,470	1,163,000				8,329,570
Avg. Coverage					304,357	61,692	111,797				148,493
Coverage/Hr	10,112			10,112							
Req. Grade + O.D.	18-20										
Dredged Elev.	18-20										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						683,565	395,988				1,079,553
Pay CY/Hr						1,410	2,434				1,089
Gross Cys						1,100,097	395,988				1,496,085
Gross CY/Hr						2,270	2,434				1,509
% of Gross						61%					39%
Start Station		34+30									
End Station		34+30									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	12+80	3.35	145	43	8,970	2,678

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 55 Page: 2 of 2 Date: 23-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		233										
Rack		28										
Horsepower		4167										
Exhaust Temp.		803										
Dredge Fuel		6543										
Pump RPM		215										
In Pressure		22										
Out Pressure		66										
Water Vacuum												
Working Vacuum												
Vane x Dia	4x84											
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	30.1		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			73.41
Rubber Line			2.00
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors	5	0.42	18.42
Move Discharge	7	0.58	0.58
Move Dredge			47.08
Re-pin Spuds			
Change Cutter	1	0.33	1.41
Change Pump			
Misc.	1	1.58	10.25
Operational Total	14	2.92	160.08
Weather Standby			38.25
Weather Repairs			
Weather Moving			6.42
Weather Total			44.67
Pump RPR			73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In	1	0.17	20.58
Eng Rm Out			7.00
Mechanical Total	1	0.17	102.09
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	15	3.08	306.84

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
6:25	6:45	Change cutter teeth	0:20
6:55	8:30	Change stbd swing cable	1:35
11:35	11:45	Tighten packing on main pump	0:10
	0:35	Move discharge 7x	0:35
	0:25	Move swing anchors 5x	0:25
		TOTAL	3:05

REMARKS:

The dredge continues working in cut #12 and will only be able to advance app. 300' until the dredge into cut #11 on 07/23/06.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/24/2006 **Report #** 275

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 79 Max. 90

WIND SPEED: 10.00 to 15.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 4	Feet
Fill Area	2 to 4	Feet
Wave Direction	SW	

TIDE:

+2.9	AM	Morning tide
+0.5	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James Stripped mud in cut # 11. Stripping approx .63,400 cys.

4 Dozers dressing north slope of beach and southern slope.
Tom James operating time was 21 hrs. and 45 min.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
The Marsh Buggy 879 gathering and stock piling debris for burning.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
The dredge discharge locations and elevations were checked and noted with no deficiencies.
Survey Crew Stake and replace any stakes from 45+00 to 50+00.
Crew boat went to Grand Isle. and retrieved a section of Y Valve.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:30 AM to 9:15 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 6:15PM to 7:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James is stripping mud in cut # 11. See remarks in DDR.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 57 | Page: 1 of 2 | Date: 24-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	478.00	666.59	249.67				1394.26
Operating Time	21.75			21.75	382.92	484.66	162.67				1030.25
% of Total Time	91%			91%	80%	73%	65%				74%
Lost Time	2.25			2.25	56.84	147.59	87.00				291.43
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	63,400			63,400	961,105	1,144,497	395,988				2,501,590
Adjustments											
Avg. Gross Cys					48,256	41,207	38,066				
Gross CY/Hr	2,915			2,915	2,510	2,361	2,434				2,428
Gross Width	300										
% of Gross											
Avg. Gross Face	7.6										
Start Station	1+30										
End Station	8+85										
Advance	755			755	30,142	5,990	4,655				40,787
Avg. Advance					1,513	216	447				29
Adv. Ft/Hr	34.7			34.7	79	12	29				40
Coverage	226,500			226,500	5,849,100	1,713,470	1,163,000				8,725,570
Avg. Coverage					293,677	61,692	111,797				150,197
Coverage/Hr	10,414			10,414							
Req. Grade + O.D.	20-24										
Dredged Elev.	20-24										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						683,565	395,988				1,079,553
Pay CY/Hr						1,410	2,434				1,048
Gross Cys						1,100,097	395,988				1,496,085
Gross CY/Hr						2,270	2,434				1,452
% of Gross						61%					39%
Start Station		34+30									
End Station		34+30									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	10+60	5.30	175	33	13,400	2,528

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 57 Page: 2 of 2 Date: 24-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		232										
Rack		23										
Horsepower		3123										
Exhaust Temp.		780										
Dredge Fuel		8201										
Pump RPM		211										
In Pressure		26										
Out Pressure		57										
Water Vacuum												
Working Vacuum												
Vane x Dia	4x84											
Line To												
Line From												

LINE INFORMATION / CUTTER

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600			Lift	1.0			Type	Basket
Submerged Line				Velocity	29.4			No. of Blades	6
Shore Line								Teeth	Serrated
Rubber Line								Avg. RPM	25
Total Line Length	1,600								

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work			73.41	3:40	4:00	Head anchor on discharge not holding	0:20
Rubber Line			4.42	5:35	5:50	Unfoul anchor and cable on discharge	0:15
Sub Line Dredge				10:00	10:20	Change 8 teeth on cutter	0:20
Clean Pipeline			3.17	15:45	15:50	Reset head anchor on discharge	0:05
Clean Pump			1.50				
Clean Cutter/Suction			2.25				
Anchors	9	1.17	19.83				
Move Discharge	9	0.75	1.92		0:45	Move discharge 9x	0:45
Move Dredge			48.67		0:30	Move anchors 6x	0:30
Re-pin Spuds							
Change Cutter			1.41				
Change Pump							
Misc.	1	0.33	12.83				
Operational Total	19	2.25	169.41				
Weather Standby			38.25				
Weather Repairs							
Weather Moving			6.42				
Weather Total			44.67				
Pump RPR			73.51				
Cutter RPR			0.75				
Spud RPR							
Electrical			0.25				
Eng Rm In			20.58				
Eng Rm Out			7.00				
Mechanical Total			102.09	**REMARKS:**		TOTAL	2:15
Bstr (1) Deck				The dredge continues in cut #11			
Bstr (1) Eng Rm							
Booster Total							
Total Lost Time	19	2.25	316.17				

Prepared By: Chad Bragg Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/25/2006 **Report #** 276

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Rain **TEMPERATURE:** Min. 79 Max. 89

WIND SPEED: 10.00 to 15.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	5 to 7	Feet
Fill Area	5 to 7	Feet
Wave Direction	SW	

TIDE:

+3.0	AM	Morning tide
+0.6	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James Stripped mud in cut # 11. Stripping approx . 35,722 cys.

4 Dozers dressing north slope of beach and southern slope.
Tom James operating time was 13 hrs. and 20 min.
Tom James went ashore at approx. 3:40 p.m. due to weather.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
The dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Survey Crew Stake and replace any stakes from 50+00 to 56+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whetl
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating before going ashore due to weather.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:00 AM to 9:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 6:00PM to 7:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Not operating due to weather at approx. 3:40 p.m.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The Tom James is stripping mud in cut # 11. See remarks in DDR.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 58 Page: 1 of 2 Date: 25-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	502.00	666.59	249.67				1418.26
Operating Time	13.33			13.33	396.25	484.66	162.67				1043.58
% of Total Time	56%			56%	79%	73%	65%				74%
Lost Time	10.67			10.67	67.50	147.59	87.00				302.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	35,722			35,722	996,827	1,144,497	395,988				2,537,312
Adjustments											
Avg. Gross Cys					47,657	41,207	38,066				
Gross CY/Hr	2,679			2,679	2,516	2,361	2,434				2,431
Gross Width	300										
% of Gross											
Avg. Gross Face	7.7										
Start Station	8+85										
End Station	13+00										
Advance	415			415	30,557	5,990	4,655				41,202
Avg. Advance					1,461	216	447				29
Adv. Ft/Hr	31.1			31.1	77	12	29				39
Coverage	124,500			124,500	5,973,600	1,713,470	1,163,000				8,850,070
Avg. Coverage					285,589	61,692	111,797				149,763
Coverage/Hr	9,338			9,338							
Req. Grade + O.D.	20-24										
Dredged Elev.	20-24										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						683,565	395,988				1,079,553
Pay CY/Hr						1,410	2,434				1,034
Gross Cys						1,100,097	395,988				1,496,085
Gross CY/Hr						2,270	2,434				1,434
% of Gross						61%					39%
Start Station		34+30									
End Station		34+30									
Advance											
Adv. Ft/Hr											
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
Down					

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 58 Page: 2 of 2 Date: 25-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		237										
Rack		28										
Horsepower		3360										
Exhaust Temp.		806										
Dredge Fuel		4156										
Pump RPM		217										
In Pressure		22										
Out Pressure		66										
Water Vacuum												
Working Vacuum												
Vane x Dia	4x84											
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	29.5		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			73.41
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors	4	0.33	20.17
Move Discharge	6	0.50	2.42
Move Dredge			48.67
Re-pin Spuds			
Change Cutter			1.41
Change Pump			
Misc.			12.83
Operational Total	10	0.83	170.25
Weather Standby	1	8.33	46.58
Weather Repairs			
Weather Moving			6.42
Weather Total	1	8.33	53.00
Pump RPR			73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			20.58
Eng Rm Out	2	1.50	8.50
Mechanical Total	2	1.50	103.59
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	13	10.67	326.84

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
6:40	7:25	Engine room: working on dewatering pump	0:45
8:15	9:00	Engine room: take cover off dewatering pump	0:45
15:40	24:00	Move dredge to safe harbor due to building 3-4' ground swells	8:20
	0:30	Move discharge 6x	0:30
	0:20	Move anchors 4x	0:20
		TOTAL	10:40

REMARKS:

Tom James working in cut #11. Tom James moved to safe harbor at 3:40 p.m. approx. due to weat

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/26/2006 **Report #** 277

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Rain **TEMPERATURE:** Min. 80 Max. 90

WIND SPEED: 5.00 to 9.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	4 to 6	Feet
Fill Area	3 to 5	Feet
Wave Direction	SW	

TIDE:

+3.5	AM	Morning tide
+0.7	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James ashore due to weather.

4 Dozers dressing north slope of beach and southern slope.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge ashore due to weather.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating before going ashore due to weather.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:30 AM to 10:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 5:30 PM to 7:00 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Not operating due to weather.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Anticipate dredge returning to work mid-day 7-27-06.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 59 Page: 1 of 2 Date: 26-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	526.00	666.59	249.67				1442.26
Operating Time					396.25	484.66	162.67				1043.58
% of Total Time					75%	73%	65%				72%
Lost Time	24.00			24.00	91.50	147.59	87.00				326.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					996,827	1,144,497	395,988				2,537,312
Adjustments											
Avg. Gross Cys					45,482	41,207	38,066				
Gross CY/Hr					2,516	2,361	2,434				2,431
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					30,557	5,990	4,655				41,202
Avg. Advance					1,394	216	447				29
Adv. Ft/Hr					77	12	29				39
Coverage					5,973,600	1,713,470	1,163,000				8,850,070
Avg. Coverage					272,558	61,692	111,797				147,270
Coverage/Hr											
Req. Grade + O.D.	20-24										
Dredged Elev.	20-24										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
Down					

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 59 Page: 2 of 2 Date: 26-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel		720										
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift			
Submerged Line				Velocity			
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			73.41
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors			20.17
Move Discharge			2.42
Move Dredge			48.67
Re-pin Spuds			
Change Cutter			1.41
Change Pump			
Misc.			12.83
Operational Total			170.25
Weather Standby	1	24.00	70.58
Weather Repairs			
Weather Moving			6.42
Weather Total	1	24.00	77.00
Pump RPR			73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			20.58
Eng Rm Out			8.50
Mechanical Total			103.59
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	350.84

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:00	24:00	Weather standby in safe harbor due to building 3-4' ground swells	24:00
		TOTAL	24.00

REMARKS:

The dredge is in safe harbor due to the rough seas.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/27/2006 **Report #** 278

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Mostly sunny with few clouds **TEMPERATURE:** Min. 85 Max. 92

WIND SPEED: 3.00 to 7.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	2 to 4	Feet
Wave Direction	SW	

TIDE:

+3.2	AM	Morning tide
+0.5	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James ashore due to weather before returning to work at approx. 12:00 p.m.
4 Dozers dressing north slope of beach and southern slope.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge departed harbor at approx. 9:00 a.m. and was working in the borrow site at approx. 12:00 p.m.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - ashore idle due to weather.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:00 AM to 9:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 5:30PM to 6:30 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western beach being our work areas at present was also patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G. Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 60 Page: 1 of 2 Date: 27-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	550.00	666.59	249.67				1466.26
Operating Time	5.92			5.92	402.17	484.66	162.67				1049.50
% of Total Time	25%			25%	73%	73%	65%				72%
Lost Time	18.08			18.08	109.59	147.59	87.00				344.18
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	13,200			13,200	1,010,027	1,144,497	395,988				2,550,512
Adjustments											
Avg. Gross Cys					44,074	41,207	38,066				
Gross CY/Hr	2,231			2,231	2,511	2,361	2,434				2,430
Gross Width	300										
% of Gross											
Avg. Gross Face	10.3										
Start Station	0+00										
End Station	1+15										
Advance	115			115	30,672	5,990	4,655				41,317
Avg. Advance					1,338	216	447				28
Adv. Ft/Hr	19.4			19.4	76	12	29				39
Coverage	34,500			34,500	6,008,100	1,713,470	1,163,000				8,884,570
Avg. Coverage					262,170	61,692	111,797				145,425
Coverage/Hr	5,831			5,831							
Req. Grade + O.D.	20-24										
Dredged Elev.	20-24										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						683,565	395,988				1,079,553
Pay CY/Hr						1,410	2,434				1,029
Gross Cys						1,100,097	395,988				1,496,085
Gross CY/Hr						2,270	2,434				1,426
% of Gross						61%					39%
Start Station		34+30									
End Station		34+30									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	2+60	5.30	145	27	12,400	2,340

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 60 Page: 2 of 2 Date: 27-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		241										
Rack		25										
Horsepower		3424										
Exhaust Temp.		790										
Dredge Fuel		932										
Pump RPM		220										
In Pressure		22										
Out Pressure	22	56										
Water Vacuum												
Working Vacuum												
Vane x Dia		4x84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	31.0		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			73.41
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.50
Clean Cutter/Suction			2.25
Anchors	1	0.08	20.25
Move Discharge	3	0.50	2.92
Move Dredge			48.67
Re-pin Spuds			
Change Cutter			1.41
Change Pump			
Misc.			12.83
Operational Total	4	0.58	170.83
Weather Standby	1	17.50	88.08
Weather Repairs			
Weather Moving			6.42
Weather Total	1	17.50	94.50
Pump RPR			73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			20.58
Eng Rm Out			8.50
Mechanical Total			103.59
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	18.08	368.92

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:00	17:30	Weather standby in safe harbor due to 3-4' ground swells	17:30
10:25	10:45	Reset discharge anchor	0:20
	0:10	Move discharge 2x	0:10
	0:05	Move anchors 1x	0:05
		TOTAL	18:05

REMARKS:

The dredge is back on location and digging, but the swells are still 2-4'. Ladder cable was changed while down for weather.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/28/2006 **Report #** 279

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Mostly sunny with few clouds **TEMPERATURE:** Min. 87 Max. 96

WIND SPEED: 5.00 to 8.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	2 to 4	Feet
Wave Direction	SW	

TIDE:

+0.6	AM	Morning tide
+0.8	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James working in borrow site under normal conditions.
4 Dozers dressing north slope of beach and southern slope.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues stripping operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:00 AM to 9:00 AM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled. The western area beach has a lot of heavy equip. activity, this was also patrolled. No nesting activity reported.

Daily Patrol - 3:30PM to 4:30 PM - Daily bird patrol was conducted. The eastern beach and central beach along the marsh and shore line was patrolled.
patrolled on this day. No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 61 Page: 1 of 2 Date: 28-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	574.00	666.59	249.67				1490.26
Operating Time	19.42			19.42	421.58	484.66	162.67				1068.91
% of Total Time	81%			81%	73%	73%	65%				72%
Lost Time	4.58			4.58	114.17	147.59	87.00				348.76
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	47,222			47,222	1,057,249	1,144,497	395,988				2,597,734
Adjustments											
Avg. Gross Cys					44,205	41,207	38,066				
Gross CY/Hr	2,432			2,432	2,508	2,361	2,434				2,430
Gross Width	300										
% of Gross											
Avg. Gross Face	8.0										
Start Station	1+15										
End Station	6+45										
Advance	530			530	31,202	5,990	4,655				41,847
Avg. Advance					1,305	216	447				28
Adv. Ft/Hr	27.3			27.3	74	12	29				39
Coverage	159,000			159,000	6,167,100	1,713,470	1,163,000				9,043,570
Avg. Coverage					257,856	61,692	111,797				145,643
Coverage/Hr	8,189			8,189							
Req. Grade + O.D.	20-24										
Dredged Elev.	20-24										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						683,565	395,988				1,079,553
Pay CY/Hr						1,410	2,434				1,010
Gross Cys						1,100,097	395,988				1,496,085
Gross CY/Hr						2,270	2,434				1,400
% of Gross						61%					39%
Start Station		34+30									
End Station		34+30									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	7+80	5.20	135	26	12,900	2,481

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 61 Page: 2 of 2 Date: 28-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		238										
Rack		29										
Horsepower		4447										
Exhaust Temp.		817										
Dredge Fuel		5984										
Pump RPM		216										
In Pressure		22										
Out Pressure	22	58										
Water Vacuum												
Working Vacuum												
Vane x Dia		4x84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	29.9		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			73.41
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump	1	0.25	1.75
Clean Cutter/Suction	1	0.75	3.00
Anchors	6	0.50	20.75
Move Discharge	8	0.67	3.58
Move Dredge			48.67
Re-pin Spuds			
Change Cutter			1.41
Change Pump			
Misc.	2	0.92	13.75
Operational Total	18	3.08	173.91
Weather Standby	1		88.08
Weather Repairs			
Weather Moving			6.42
Weather Total	1		94.50
Pump RPR			73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In	2	1.50	22.08
Eng Rm Out			8.50
Mechanical Total	2	1.50	105.09
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	21	4.58	373.50

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
7:45	7:55	Tighten packing	0:10
9:45	10:30	Clean cutter	0:45
12:25	12:40	Clean underwater pump	0:15
12:55	13:35	Change lead cable	0:40
15:20	16:40	Repack main pump	1:20
17:30	17:45	Clean strainers	0:15
	0:40	Move discharge 8x	0:40
	0:30	Move anchors 6x	0:30
		TOTAL	4:35

REMARKS:

Prepared By: Chad Bragg Approved By: #REF!

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/29/2006 **Report #** 280

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Mostly sunny with few clouds **TEMPERATURE:** Min. 88 Max. 95

WIND SPEED: 5.00 to 8.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	2 to 4	Feet
Wave Direction	SW	

TIDE:

+0.5	AM	Morning tide
+0.7	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)

Tom James working in borrow site under normal conditions.
4 Dozers dressing north slope of beach and southern slope.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues stripping operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 9:00 AM to 9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol - 1:30PM to 3:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 62 | Page: 1 of 2 | Date: 29-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	598.00	666.59	249.67				1514.26
Operating Time	21.08			21.08	442.67	484.66	162.67				1090.00
% of Total Time	88%			88%	74%	73%	65%				72%
Lost Time	2.92			2.92	117.09	147.59	87.00				351.68
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	51,400			51,400	1,108,649	1,144,497	395,988				2,649,134
Adjustments											
Avg. Gross Cys					44,494	41,207	38,066				
Gross CY/Hr	2,438			2,438	2,504	2,361	2,434				2,430
Gross Width	300										
% of Gross											
Avg. Gross Face	7.4										
Start Station	6+45										
End Station	12+70										
Advance	625			625	31,827	5,990	4,655				42,472
Avg. Advance					1,277	216	447				28
Adv. Ft/Hr	29.6			29.6	72	12	29				39
Coverage	187,500			187,500	6,354,600	1,713,470	1,163,000				9,231,070
Avg. Coverage					255,033	61,692	111,797				146,307
Coverage/Hr	8,893			8,893							
Req. Grade + O.D.	20-24										
Dredged Elev.	20-24										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						683,565	395,988				1,079,553
Pay CY/Hr						1,410	2,434				990
Gross Cys						1,100,097	395,988				1,496,085
Gross CY/Hr						2,270	2,434				1,373
% of Gross						61%					39%
Start Station		34+30									
End Station		34+30									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	14+70	5.40	200	37	14,300	2,648

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 62 Page: 2 of 2 Date: 29-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		241										
Rack		24										
Horsepower		3430										
Exhaust Temp.		796										
Dredge Fuel		6330										
Pump RPM		217										
In Pressure		23										
Out Pressure	23	57										
Water Vacuum												
Working Vacuum												
Vane x Dia		4x84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	31.1		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Serrated
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			73.41
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction	1	0.25	3.25
Anchors	6	0.50	21.25
Move Discharge	8	1.17	4.75
Move Dredge			48.67
Re-pin Spuds			
Change Cutter			1.41
Change Pump			
Misc.	1	0.42	14.17
Operational Total	16	2.33	176.25
Weather Standby			88.08
Weather Repairs			
Weather Moving			6.42
Weather Total			94.50
Pump RPR			73.51
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In	2	0.58	22.67
Eng Rm Out			8.50
Mechanical Total	2	0.58	105.67
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	18	2.92	376.42

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
0:45	1:00	Clean cutter (cable)	0:15
3:25	3:50	Engine room: repack main pump	0:25
6:25	6:35	Engine room: repack main pump	0:10
6:35	7:10	Move discharge head anchor	0:35
12:40	13:05	Change bouy cable on discharge anchor	0:25
	0:35	Move discharge 7x	0:35
	0:30	Move anchors 6x	0:30
		TOTAL	2:55

REMARKS:

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/30/2006 **Report #** 281

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear with few clouds **TEMPERATURE:** Min. 86 Max. 97

WIND SPEED: 5.00 to 7.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+0.6	AM	Morning tide
+0.7	PM	Evening tide

LOCATION OF DISCHARGE: 34+30/26 feet east of pay profile line no. CG 7

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing stripping operations in the borrow site. The dredge operated 21.75 hrs. removing approx. 44,666 cys of overburden material. The material was discharged overboard within the limits of the borrow area.

4 Dozers dressing north slope of beach and southern slope.

The Marsh Buggy 878 -operating- degrading high spots in the pumped marsh fill area.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues stripping operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:00 AM to 8:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol - 1:30PM to 2:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 63 Page: 1 of 2 Date: 30-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	622.00	666.58	249.67				1538.25
Operating Time	21.75			21.75	464.42	484.67	162.67				1111.75
% of Total Time	91%			91%	75%	73%	65%				72%
Lost Time	2.25			2.25	119.33	147.58	87.00				353.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	44,666			44,666	1,153,315	1,144,497	395,988				2,693,800
Adjustments											
Avg. Gross Cys					44,501	41,207	38,066				1,751
Gross CY/Hr	2,054			2,054	2,483	2,361	2,434				2,423
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station	12+70	0+00									
End Station	15+10	4+30									
Advance	670			670	32,497	5,990	4,655				43,142
Avg. Advance					1,254	216	447				28
Adv. Ft/Hr	30.8			30.8	70	12	29				39
Coverage					9,548,100						9,548,100
Avg. Coverage					368,415						148,971
Coverage/Hr											
Req. Grade + O.D.	17-18										
Dredged Elev.	17-18										
Set Size	8										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	6+10	5.30	180	34	13,100	2,472

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 63 Date: 30-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		241										
Rack		27										
Horsepower		4179										
Exhaust Temp.		809										
Dredge Fuel		6330										
Pump RPM		219										
In Pressure		21										
Out Pressure	21	62										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4x84										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	31.1		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blad	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			73.42
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	21.75
Move Discharge	7	0.58	5.33
Move Dredge	1	1.17	49.83
Re-pin Spuds			
Change Cutter			1.42
Change Pump			
Misc			14.17
Operational Total	14	2.25	178.50
Weather Standby			88.08
Weather Repairs			
Weather Moving			6.42
Weather Total			94.50
Pump RPR			73.50
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In			22.67
Eng Rm Out			8.50
Mechanical Total			105.67
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	14	2.25	378.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
8:05	9:15	Move dredge into cut #13, clean cutter & change 3 cutter teeth	1:10
	0:35	Move discharge 7x	0:35
	0:30	Move anchors 6x	0:30
		TOTAL	2:15

REMARKS:

Advance was up and yards were down due to amount of face in cut. The dredge moved into cut #13 to sta. 0+00 and will be digging up station.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 7/31/2006 **Report #** 282

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear with few clouds **TEMPERATURE:** Min. 86 Max. 97

WIND SPEED: 5.00 to 7.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+0.7	AM	Morning tide
+0.5	PM	Evening tide

LOCATION OF DISCHARGE: 23+30/106 feet west of pay profile line no. CG 5

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 6.17 hrs. removing approx. 14,900 gross cys of overburden material. The material was discharged overboard within the limits of the borrow area. The dredge also worked 13.58 hrs. removing approx. 29,100 gross cys of sand from the borrow area. This material was discharged onto the beach within the limits of beachfill for an advance to the west of 100, from station 24+30 to 23+30.

4 Dozers dressing north slope of beach and southern slope.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues stripping operations before starting beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whetl
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820- operable - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:30 AM to 8:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol - 12:30PM to 1:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions delivering sand for beachfill placement.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 64 | Page: 1 of 2 | Date: 31-Jul-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	6.33	17.67		24.00	628.33	684.25	249.67				1562.25
Operating Time	6.17	13.58		19.75	470.58	498.25	162.67				1131.50
% of Total Time	97%	77%		82%	75%	73%	65%				72%
Lost Time	0.17	4.08		4.25	119.50	151.67	87.00				358.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	14,900	29,100		44,000	1,168,215	1,173,597	395,988				2,737,800
Adjustments											
Avg. Gross Cys					44,621	41,164	38,066				1,752
Gross CY/Hr	2,416	2,142		2,228	2,482	2,355	2,434				2,420
Gross Width	300	300									
% of Gross											
Avg. Gross Face	5.7	7.8									
Start Station	4+30	0+00									
End Station	6+65	3+35									
Advance	235	335		570	32,732	6,325	4,655				43,712
Avg. Advance					1,250	222	447				28
Adv. Ft/Hr	38.1	24.7		28.9	70	13	29				39
Coverage	70,500	100,500		171,000	9,618,600	100,500					9,719,100
Avg. Coverage					367,395	3,525					149,309
Coverage/Hr	11,432	7,399		8,658							
Req. Grade + O.D.	17-18	26-28									
Dredged Elev.	17-18	26-28									
Set Size	10	10									
Material Type	MUD	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		18,187		18,187		701,752	395,988				1,097,740
Pay CY/Hr		1,339		921		1,408	2,434				970
Gross Cys		29,100		29,100		1,100,097	395,988				1,496,085
Gross CY/Hr		2,142		1,473		2,208	2,434				1,322
% of Gross		60%		60%		57%	100%				73%
Start Station		24+30									
End Station		23+30									
Advance		100		100		100					100
Adv. Ft/Hr		7		5		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	5+00	5.30	165	31	12,400	2,340

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 64 Page: 2 of 2 Date: 31-Jul-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						323						
Rack						30						
Horsepower						4944						
Exhaust Temp.						846						
Dredge Fuel						3523						
Pump RPM						295						
In Pressure						52						
Out Pressure					52	171						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift		7.0	
Submerged Line		16,500		Velocity		13.3	
Shore Line		490					
Rubber Line							
Total Line Length	1,600	18,590					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			73.42
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.42	22.17
Move Discharge	1	0.17	5.50
Move Dredge	1	1.67	51.50
Re-pin Spuds			
Change Cutter			1.42
Change Pump			
Misc			14.17
Operational Total	7	2.25	180.75
Weather Standby			88.08
Weather Repairs			
Weather Moving			6.42
Weather Total			94.50
Pump RPR			73.50
Cutter RPR			0.75
Spud RPR			
Electrical			0.25
Eng Rm In	1	2.00	24.67
Eng Rm Out			8.50
Mechanical Total	1	2.00	107.67
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	4.25	382.92

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
6:20	8:00	Move dredge back in cut #13 and connect rubber hose to pump sand	1:40
13:45	15:45	Engine room: change breaker	2:00
	0:10	Move discharge 2x	0:10
	0:25	Move anchors 5x	0:25
		TOTAL	4:15

REMARKS:

At 6:20 this period the dredge was shut down to make the connection to the subline. The dredge began pumping sand to the beach again at 8:00 this period. The dredge continues in cut #13, but will be moved 8/1/06 back into cut #10.

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/1/2006 **Report #** 283

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Overcast to partly cloudy **TEMPERATURE:** Min. 85 Max. 98

WIND SPEED: 5.00 to 7.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+0.8	AM	Morning tide
+0.4	PM	Evening tide

LOCATION OF DISCHARGE: 21+50/286 feet west of pay profile line no. CG 5

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 19.5 hrs. removing approx. 43,544 gross cys of sand from the borrow area. The material was discharged onto the beach within the limits of beachfill for an advance to the west of 180' from station 23+30 to 21+50.
The dredge finished excavating in cut #13 and moved into cut #10.
4 Dozers dressing dune slope and placing beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement under normal conditions.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whetl
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820 - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:30 AM to 9:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 2:30 PM to 4:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions delivering sand for beachfill placement.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 65 | Page: 1 of 2 | Date: 1-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	708.25	249.67				1586.25
Operating Time		19.50		19.50	470.58	517.75	162.67				1151.00
% of Total Time		81%		81%	75%	73%	65%				73%
Lost Time		4.50		4.50	119.50	156.17	87.00				362.67
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		43,544		43,544	1,168,215	1,217,141	395,988				2,781,344
Adjustments											
Avg. Gross Cys					44,621	41,244	38,066				1,753
Gross CY/Hr		2,233		2,233	2,482	2,351	2,434				2,416
Gross Width		300									
% of Gross											
Avg. Gross Face		8.2									
Start Station		3+35	0+00								
End Station		6+40	1+75								
Advance		480		480	32,732	6,805	4,655				44,192
Avg. Advance					1,250	231	447				28
Adv. Ft/Hr		24.6		24.6	70	13	29				38
Coverage		144,000		144,000	9,618,600	244,500					9,863,100
Avg. Coverage					367,395	8,285					149,229
Coverage/Hr		7,385		7,385							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		21,772		21,772		723,524	395,988				1,119,512
Pay CY/Hr		1,117		1,117		1,397	2,434				973
Gross Cys		43,544		43,544		1,143,641	395,988				1,539,629
Gross CY/Hr		2,233		2,233		2,209	2,434				1,338
% of Gross		50%		50%		58%					38%
Start Station		23+30									
End Station		21+50									
Advance		180		180		180					180
Adv. Ft/Hr		9		9		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	3+25	5.20	150	29	11,300	2,173

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 65 Page: 2 of 2 Date: 1-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						315						
Rack						30						
Horsepower						5140						
Exhaust Temp.						907						
Dredge Fuel						7743						
Pump RPM						286						
In Pressure						51						
Out Pressure					51	172						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity		14.8	
Shore Line		670					
Rubber Line							
Total Line Length		18,770					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.42	73.83
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	7	0.58	22.75
Move Discharge			5.50
Move Dredge	1	0.83	52.33
Re-pin Spuds			
Change Cutter			1.42
Change Pump			
Misc			14.17
Operational Total	9	1.83	182.58
Weather Standby			88.08
Weather Repairs			
Weather Moving			6.42
Weather Total			94.50
Pump RPR			73.50
Cutter RPR			0.75
Spud RPR	1	2.67	
Electrical			0.25
Eng Rm In			24.67
Eng Rm Out			8.50
Mechanical Total	1	2.67	107.67
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	4.50	384.75

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
7:30	10:10	Spud repair: port spud bolt broke & cable came off drum	2:40
14:45	15:35	Move dredge to cut #10 to pump sand. Start up at sta. 0+00	0:50
21:40	22:05	Shore: repair dike	0:25
	0:35	Move anchors 7x	0:35
		TOTAL	4:30

REMARKS:

The dredge finished pumping sand on cut #13 and moved into cut #10.

Prepared By: **Chad Bragg** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/2/2006 **Report #** 284

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Overcast to partly cloudy **TEMPERATURE:** Min. 78 Max. 96

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+1.0	AM	Morning tide
+0.2	PM	Evening tide

LOCATION OF DISCHARGE: 18+80/556 feet west of pay profile line no. CG 5

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 21.5 hrs. removing approx. 45,881 gross cys of sand from the borrow area. The material was discharged onto the beach within the limits of beachfill for an advance to the west of 270' from station 21+50 to 18+80.
The dredge is excavating in cut #10.
4 Dozers dressing dune slope and placing beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement under normal conditions.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whetl
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820 - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 9:30 AM to 10:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 3:30 PM to 4:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions delivering sand for beachfill placement.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
The material being excavated from the borrow area is very silty. This material is very difficult to contain within the
pay template. The properties of this material make it very difficult for the shore crew to place with any degree
of efficiency.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 66 Page: 1 of 2 Date: 2-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	732.25	249.67				1610.25
Operating Time		21.50		21.50	470.58	539.25	162.67				1172.50
% of Total Time		90%		90%	75%	74%	65%				73%
Lost Time		2.50		2.50	119.50	158.67	87.00				365.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		45,881		45,881	1,168,215	1,263,022	395,988				2,827,225
Adjustments											
Avg. Gross Cys					44,621	41,396	38,066				1,756
Gross CY/Hr		2,134		2,134	2,482	2,342	2,434				2,411
Gross Width		300									
% of Gross											
Avg. Gross Face		7.5									
Start Station		1+75									
End Station		7+25									
Advance		550		550	32,732	7,355	4,655				44,742
Avg. Advance					1,250	241	447				28
Adv. Ft/Hr		25.6		25.6	70	14	29				38
Coverage		165,000		165,000	9,618,600	409,500					10,028,100
Avg. Coverage					367,395	13,422					149,464
Coverage/Hr		7,674		7,674							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		22,940		22,940		746,464	395,988				1,142,452
Pay CY/Hr		1,067		1,067		1,384	2,434				974
Gross Cys		45,881		45,881		1,189,522	395,988				1,585,510
Gross CY/Hr		2,134		2,134		2,206	2,434				1,352
% of Gross		50%		50%		63%					72%
Start Station		21+50									
End Station		18+80									
Advance		270		270		270					270
Adv. Ft/Hr		13		13		1					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	8+70	5.20	145	28	11,200	2,154

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 66 Page: 2 of 2 Date: 2-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						343						
Rack						31						
Horsepower						4730						
Exhaust Temp.						910						
Dredge Fuel						6362						
Pump RPM						311						
In Pressure						52						
Out Pressure					52	188						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift	1.0		
Submerged Line		16,500		Velocity	15.0		
Shore Line							
Rubber Line							
Total Line Length		18,100					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.42	74.25
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	23.25
Move Discharge			5.50
Move Dredge			52.33
Re-pin Spuds			
Change Cutter			1.42
Change Pump			
Misc			14.17
Operational Total	7	0.92	183.50
Weather Standby			88.08
Weather Repairs			
Weather Moving			6.42
Weather Total			94.50
Pump RPR			73.50
Cutter RPR			0.75
Spud RPR	1	1.58	1.58
Electrical			0.25
Eng Rm In			24.67
Eng Rm Out			8.50
Mechanical Total	1	1.58	109.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	2.50	387.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
02:20	02:45	Fill- Build up dikes & Add (6) pipes	0:25
06:25	08:00	Change STBD spud cable	1:35
	0:30	Moved Anchors 6X	0:30
		TOTAL	2:30

REMARKS:

" greased Ladder block"

NO DOWN TIME REPORTED FOR Fill - Add (9) + (4) + (4) + (4) = 21 pip

Prepared By: **Chad Bragg** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/3/2006 **Report #** 285

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear with few clouds. **TEMPERATURE:** Min. 80 Max. 96

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+1.1	AM	Morning tide
+0.1	PM	Evening tide

LOCATION OF DISCHARGE: 17+20/716 feet west of pay profile line no. CG 5

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 19.25 hrs. removing approx. 42,736 gross cys of material from the borrow area. The material was discharged onto the beach within the limits of beachfill with a portion of the material migrating outside of the fill limits. The advance to the west was 160' from 18+80 to 17+20. The dredge is excavating in cut #10.
4 Dozers dressing dune slope and placing beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement with difficulty containing pumped material, resulting in the partial filling of an adjacent channel at the western end of the project.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820 - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:30 AM to 9:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 6:30 PM to 7:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions delivering material for beachfill placement.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Due to the properties of the available material in the borrow area and the difficulty in retaining the material
as it is discharged onto the beach, the contractor has discharged material outside of the fill boundary.
This has resulted in the shoaling in of a channel used for navigation, as well as access by the oil industry.
Representatives from Weeks Marine were on site to observe this to determine corrective actions.
The discharge will be turned to advance to the east to avoid further filling of channel.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 67 Page: 1 of 2 Date: 3-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	756.25	249.67				1634.25
Operating Time		19.25		19.25	470.58	558.50	162.67				1191.75
% of Total Time		80%		80%	75%	74%	65%				73%
Lost Time		4.75		4.75	119.50	163.42	87.00				369.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		42,736		42,736	1,168,215	1,305,758	395,988				2,869,961
Adjustments											
Avg. Gross Cys					44,621	41,439	38,066				1,756
Gross CY/Hr		2,220		2,220	2,482	2,338	2,434				2,408
Gross Width		300									
% of Gross											
Avg. Gross Face		7.8									
Start Station		7+25									
End Station		12+15									
Advance		490		490	32,732	7,845	4,655				45,232
Avg. Advance					1,250	249	447				28
Adv. Ft/Hr		25.5		25.5	70	14	29				38
Coverage		147,000		147,000	9,618,600	556,500					10,175,100
Avg. Coverage					367,395	17,661					149,428
Coverage/Hr		7,636		7,636							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		21,368		21,368		767,832	395,988				1,163,820
Pay CY/Hr		1,110		1,110		1,375	2,434				977
Gross Cys		42,736		42,736		1,189,522	395,988				1,585,510
Gross CY/Hr		2,220		2,220		2,130	2,434				1,330
% of Gross		50%		50%		65%					73%
Start Station		18+80									
End Station		17+20									
Advance		160		160		160					160
Adv. Ft/Hr		8		8		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	13+19	4.92	135	27	11,700	2,380

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	45

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 67 Page: 2 of 2 Date: 3-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						309						
Rack						30						
Horsepower						4850						
Exhaust Temp.						870						
Dredge Fuel						7002						
Pump RPM						281						
In Pressure						50						
Out Pressure					50	165						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity		15.0	
Shore Line		830					
Rubber Line							
Total Line Length		18,930					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	2.92	77.17
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	23.75
Move Discharge			5.50
Move Dredge			52.33
Re-pin Spuds			
Change Cutter	1	0.67	2.08
Change Pump			
Misc			14.17
Operational Total	10	4.08	187.58
Weather Standby			88.08
Weather Repairs			
Weather Moving			6.42
Weather Total			94.50
Pump RPR			73.50
Cutter RPR			0.75
Spud RPR			1.58
Electrical	1	0.67	0.92
Eng Rm In			24.67
Eng Rm Out			8.50
Mechanical Total	1	0.67	109.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	4.75	392.00

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
03:25	04:00	Fill- add (4) pipe & push up dike.	0:35
07:35	08:15	Change Cutter Teeth (4) Clean Cutter	0:40
09:35	10:15	ER- change Breaker	0:40
18:55	19:55	Fill- add (10) pipe	1:00
21:20	22:40	Fill- Build dikes on spoil area	1:20
	0:30	Moved Anchors 6X	0:30
		TOTAL	4:45

REMARKS:

NO DOWNTIME RECORDED - Filll- add (3)

Prepared By: Chad Bragg Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/4/2006 **Report #** 286

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear with few clouds. **TEMPERATURE:** Min. 79 Max. 96

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+1.3	AM	Morning tide
0.0	PM	Evening tide

LOCATION OF DISCHARGE: 33+50/430 feet east of pay profile line no. CG 6
43+00/72 feet west of pay profile line no. CG 9

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 17.83 hrs. removing approx. 40,955 gross cys of material from the borrow area. The material was discharged onto the beach within the limits of beachfill.
The advance to the east was 400' for both the upper and lower lines. The upper line from 39+00 to 43+00.
The lower line from 29+50 to 33+50.
Survey crew staked grade and took check surveys.
Shore crew placed beachfill.
4 dozers worked on beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement.
Survey crew staking and taking check surveys.
WMI installed two settlement plates located at CG16 and CG20.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820 - under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 6:30 AM to 7:15 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 2:30 PM to 3:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions delivering material for beachfill placement.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
WMI was forced to cease beach/dune fill operations on the west end of the project due to effluent runoff filling in the
Pass Le Mer canal. Stations 16+00 to 4+25 are not complete due to this problem. WMI will submit RFI requesting
the Government resolve this problem.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 68 | Page: 1 of 2 | Date: 4-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	780.25	249.67				1658.25
Operating Time		17.83		17.83	470.58	576.33	162.67				1209.58
% of Total Time		74%		74%	75%	74%	65%				73%
Lost Time		6.17		6.17	119.50	169.58	87.00				376.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		40,955		40,955	1,168,215	1,346,713	395,988				2,910,916
Adjustments											
Avg. Gross Cys					44,621	41,424	38,066				1,755
Gross CY/Hr		2,297		2,297	2,482	2,337	2,434				2,407
Gross Width		300									
% of Gross											
Avg. Gross Face		7.6									
Start Station		12+15	-00+15								
End Station		15+05	1+80								
Advance		485		485	32,732	8,330	4,655				45,717
Avg. Advance					1,250	256	447				28
Adv. Ft/Hr		27.2		27.2	70	14	29				38
Coverage		145,500		145,500	9,618,600	702,000					10,320,600
Avg. Coverage					367,395	21,593					149,371
Coverage/Hr		8,159		8,159							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type			Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		20,477		20,477		778,309	395,988				1,174,297
Pay CY/Hr		1,148		1,148		1,350	2,434				971
Gross Cys		40,955		40,955		1,189,522	395,988				1,585,510
Gross CY/Hr		2,297		2,297		2,064	2,434				1,311
% of Gross		50%		50%		65%					35%
Start Station		29+50/39+00									
End Station		33+50/43+00									
Advance		400/400		400		400					400
Adv. Ft/Hr		22		22							0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	2+89	4.83	109	23	9,204	1,904

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	60+

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 68 | Page: 2 of 2 | Date: 4-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh		
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268
Engine RPM						352					
Rack						29					
Horsepower						5141					
Exhaust Temp.						741					
Dredge Fuel						7677					
Pump RPM						323					
In Pressure						44					
Out Pressure					44	159					
Water Vacuum											
Max Working Vacuum						4x48					
Vane x Dia											
Line To											
Line From											

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity		13.6	12.4
Shore Line		900					
Rubber Line							
Total Line Length		19,000					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	5	4.92	82.08
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.42	24.17
Move Discharge	1	0.83	6.33
Move Dredge			52.33
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc			14.17
Operational Total	11	6.17	193.75
Weather Standby			88.08
Weather Repairs			
Weather Moving			6.42
Weather Total			94.50
Pump RPR			73.50
Cutter RPR			0.75
Spud RPR			1.58
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			8.50
Mechanical Total			109.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	6.17	398.17

LEVERMAN'S LOG

Stop Time	Start Time	
00:25	1:10	Fill - added 2 shore pipe & build dikes
2:45	3:10	Fill - build dikes
6:35	9:00	Fill - redo shore line on dump + add elbows, changed 2 cutter teeth
		& clean cutter
11:40	12:30	Finnish Cut #10 (stopped at sta 15+05)
		- Move to Cut #11 (started at sta -00+15)
20:15	21:00	Fill - added 10 shore pipe
23:25	24:00	Fill - add (?) shore pipe
	0:25	Move anchors (5x)

REMARKS:

4:00 PM - One generator

The advance stations reported under the "Marsh" heading are there because there is only enough room to report one set of stations under the "Beach" heading - but all the advance for today would go under the "Beach" heading.

TOTAL

Prepared By: Jason Settle

Approved By:

Lost Time
0:45
0:25
2:25
0:50
0:45
0:35
0:25
6:10

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/5/2006 **Report #** 287

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy with periods of rain **TEMPERATURE:** Min. 75 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 3	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+1.3	AM	Morning tide
-0.1	PM	Evening tide

LOCATION OF DISCHARGE: 33+50/430 feet east of pay profile line no. CG 6
43+00/72 feet west of pay profile line no. CG 9

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 20.67 hrs. removing approx. 37,367 gross cys of material from the borrow area. The material was discharged onto the beach within the limits of beachfill.
There was no advance as shore pipe that was added was later removed. The upper line remains at 43+00.
The lower line remains at 33+50.
Survey crew staked grade and took check surveys.
Shore crew placed beachfill.
4 dozers worked on beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8833- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement.
Survey crew staking and taking check surveys.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- operating
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820 - under repair, scheduled for removal and replacement.
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:30 AM to 8:15 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-12:30 PM to 1:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions delivering material for beachfill placement.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies
Discussed proper loading and capacities for personnel transport boats/skiffs.

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Contractor plans to move inoperable equipment (dozers) from job, and replace with working equip.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 69 Page: 1 of 2 Date: 5-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	804.25	249.67				1682.25
Operating Time		20.67		20.67	470.58	597.00	162.67				1230.25
% of Total Time		86%		86%	75%	74%	65%				73%
Lost Time		3.33		3.33	119.50	172.92	87.00				379.42
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		37,367		37,367	1,168,215	1,384,079	395,988				2,948,282
Adjustments											
Avg. Gross Cys					44,621	41,303	38,066				1,753
Gross CY/Hr		1,808		1,808	2,482	2,318	2,434				2,396
Gross Width		300									
% of Gross											
Avg. Gross Face		5.7									
Start Station		1+80									
End Station		7+70									
Advance		590		590	32,732	8,920	4,655				46,307
Avg. Advance					1,250	266	447				28
Adv. Ft/Hr		28.5		28.5	70	15	29				38
Coverage		177,000		177,000	9,618,600	879,000					10,497,600
Avg. Coverage					367,395	26,231					149,765
Coverage/Hr		8,565		8,565							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		18,683		18,683		796,992	395,988				1,192,980
Pay CY/Hr		904		904		1,335	2,434				970
Gross Cys		37,367		37,367		1,384,079	395,988				1,780,067
Gross CY/Hr		1,808		1,808		2,318	2,434				1,447
% of Gross		50%		50%		58%					49%
Start Station		33+50/43+00									
End Station		33+50/43+00									
Advance		O									
Adv. Ft/Hr		O									
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	7+95	1.42	25	18	1,556	1,098

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	49

Contract Number: W912P-8-06-C-0125　　Location: Chaland Headland Restoration

Dredge: *TOM JAMES*　　Report Number: 69　　Page: 2 of 2　　Date: 5-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						316						
Rack						29						
Horsepower						4802						
Exhaust Temp.						934						
Dredge Fuel						6288						
Pump RPM						286						
In Pressure						53						
Out Pressure					53	171						
Water Vacuum												
Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity		15.4	
Shore Line		900					
Rubber Line							
Total Line Length		19,000					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	22

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	1.67	83.75
Rubber Line			4.42
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.42	24.58
Move Discharge			6.33
Move Dredge			52.33
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc			14.17
Operational Total	8	2.08	195.83
Weather Standby	1	0.33	88.42
Weather Repairs			
Weather Moving			6.42
Weather Total	1	0.33	94.83
Pump RPR			73.50
Cutter RPR	1	0.58	1.33
Spud RPR	1	0.33	1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			8.50
Mechanical Total	2	0.92	110.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	3.33	401.50

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
12:00	12:20	Fill- Cont. spoil area & add (5) pipe	0:20
02:35	03:25	Fill- add (3) pipe	0:50
08:40	09:00	Weather (wind , rain ,and seas)	0:20
11:10	11:40	Fill- washout line	0:30
13:45	14:05	Change STBD eye on Spud Cable	0:20
16:40	17:15	Change Cutter Teeth (3) & add packing to Main Pump	0:35
	0:25	Moved Anchors 5X	0:25
		TOTAL	3:20

REMARKS:

12:00 - one Generator ' Till 17:15

Prepared By: Jason Settle　　Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/6/2006 **Report #** 288

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy **TEMPERATURE:** Min. 75 Max. 90

WIND SPEED: 10.00 to 15.00 MPH **Direction** S-SW

WAVE HEIGHT AT:

Borrow Site	3 to 4	Feet
Fill Area	2 to 3	Feet
Wave Direction	SW	

TIDE:

+1.7	AM	Morning tide
-0.2	PM	Evening tide

LOCATION OF DISCHARGE: 33+50/430 feet east of pay profile line no. CG 6
43+00/72 feet west of pay profile line no. CG 9
DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 1.5 hrs. removing approx. 1,556 gross cys of material from the borrow area before moving to safe anchorage for weather (wind and high seas). The dredge began sail to harbor at approx. 8:00.
The material was placed on the beach within the limits of fill. There was no advance. The upper line remains at 43+00.
The lower line remains at 33+50.
Survey crew staked grade and took check surveys.
Shore crew placed beachfill, serviced equipment and offloaded supply and fuel barges.
4 dozers worked on beachfill and received service.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge continues beachfill operations until moving to safe anchorage.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement and various maintenance tasks.
Survey crew staking grade, taking check surveys and servicing survey equipment.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating/idle for weather.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8833- removed from job. Replaced with D6 # 8849
D6- # 8848- under repair
D6- # 8835- operating
D6- # 8820 - removed from job.
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:45 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 3:30 PM to 5:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions before moving to safe harbor for weather.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Contractor will coordinate efforts with their survey/engineering subcontractor and CP&E regarding
commencement of pay surveys. Contractor anticipates these surveys to begin 8/10/06.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 70 Page: 1 of 2 Date: 6-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	828.25	249.67				1706.25
Operating Time		1.50		1.50	470.58	598.50	162.67				1231.75
% of Total Time		6%		6%	75%	72%	65%				72%
Lost Time		22.50		22.50	119.50	195.42	87.00				401.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		1,556		1,556	1,168,215	1,385,635	395,988				2,949,838
Adjustments											
Avg. Gross Cys					44,621	40,151	38,066				1,729
Gross CY/Hr		1,037		1,037	2,482	2,315	2,434				2,395
Gross Width		300									
% of Gross											
Avg. Gross Face		5.6									
Start Station		7+70									
End Station		7+95									
Advance		25		25	32,732	8,945	4,655				46,332
Avg. Advance					1,250	259	447				27
Adv. Ft/Hr		16.7		16.7	70	15	29				38
Coverage		7,500		7,500	9,618,600	886,500					10,505,100
Avg. Coverage					367,395	25,688					147,764
Coverage/Hr		5,000		5,000							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		778		778		797,770	395,988				1,193,758
Pay CY/Hr		519		519		1,333	2,434				969
Gross Cys		1,556		1,556		1,385,653	395,988				1,781,641
Gross CY/Hr		1,037		1,037		2,315	2,434				1,446
% of Gross		50%		50%		58%					49%
Start Station		33+50/43+00									
End Station		33+50/43+00									
Advance		O									
Adv. Ft/Hr		O									
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	DOWN	0	0	0	0	0

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	49

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 70 Page: 2 of 2 Date: 6-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel												
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Working Vacuum												
Vane x Dia												
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity			
Shore Line		900					
Rubber Line							
Total Line Length		19,000					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	18

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			83.75
Rubber Line	1	0.42	4.83
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	1	0.08	24.67
Move Discharge			6.33
Move Dredge			52.33
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc			14.17
Operational Total	2	0.50	196.33
Weather Standby	1	5.92	94.33
Weather Repairs	1	12.25	12.25
Weather Moving	1	3.83	10.25
Weather Total	3	22.00	116.83
Pump RPR			73.50
Cutter RPR			1.33
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			8.50
Mechanical Total			110.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	22.50	424.00

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
01:35	07:30	Weather- high winds, rough seas	5:55
07:30	07:55	Disconnect rubber hose - picked up swing anchor	0:25
07:55	11:45	Pulling in to Harbor for safe weather conditions.	3:50
11:45	24:00	Weahter -Arrived safe in harbor Standing by, change cutter teeth (1	12:15
		Cut off about 100 ft cable on Port swg. Wire and made new eye. Pu	
		new spud cable on Dredge. Put oil on Dredge & cleaned ladder.	
	0:05	Moved anchors 1X	0:05
		TOTAL	22:30

REMARKS:

Down for weather **NO ENGINE ROOM DATA PROVIDED**

Prepared By: **Jason Settle** Approved By: ______

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/7/2006 **Report #** 289

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy/periods of rain **TEMPERATURE:** Min. 75 Max. 88

WIND SPEED: 10.00 to 15.00 MPH **Direction** S-SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+1.6	AM	Morning tide
+0.1	PM	Evening tide

LOCATION OF DISCHARGE: 31+00/180 feet east of pay profile line no. CG 6
42+50/121 feet west of pay profile line no. CG 9

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 11.17 hrs. removing approx. 26278 gross cys of material from the borrow area.
The material was placed on the beach within the limits of fill. The upper line is at 42+50, the
lower line is at 31+00. Survey crew staked grade and monitored beach fill.
Shore crew placed beachfill, serviced equipment and offloaded supply and fuel barges.
4 dozers worked on beachfill and received service.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taker
Dredge resumed beachfill operations after returning from safe anchorage due to weather.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement and various maintenance tasks.
Survey crew staking grade, taking check surveys and patrolling the beach and marsh area.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating/idle for weather.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- under repair
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:15 AM to 9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 6:30 PM to 7:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions after returning from safe harbor for weather.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
The dredge left safe harbor at approx. 7:00 to sail to cut #11 and resumed production at approx. 11:00
The advance reported on the DDR for this day may be misleading due to the fact that, during the course
of operations shorepipe was added and removed as beachfill was delivered. Also during operations one
or both discharge locations may be repositioned laterally along the beach.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 71 | Page: 1 of 2 | Date: 7-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	852.25	249.67				1730.25
Operating Time		11.17		11.17	470.58	609.67	162.67				1242.92
% of Total Time		47%		47%	75%	72%	65%				72%
Lost Time		12.83		12.83	119.50	208.25	87.00				414.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		26,278		26,278	1,168,215	1,411,913	395,988				2,976,116
Adjustments											
Avg. Gross Cys					44,621	39,761	38,066				1,720
Gross CY/Hr		2,353		2,353	2,482	2,316	2,434				2,394
Gross Width		300									
% of Gross											
Avg. Gross Face		5.5									
Start Station		7+95									
End Station		12+25									
Advance		430		430	32,732	9,375	4,655				46,762
Avg. Advance					1,250	264	447				27
Adv. Ft/Hr		38.5		38.5	70	15	29				38
Coverage		129,000		129,000	9,618,600	1,015,500					10,634,100
Avg. Coverage					367,395	28,597					147,504
Coverage/Hr		11,552		11,552							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		13,139		13,139		810,909	395,988				1,206,897
Pay CY/Hr		1,177		1,177		1,330	2,434				971
Gross Cys		26,278		26,278		1,411,931	395,988				1,807,919
Gross CY/Hr		2,353		2,353		2,316	2,434				1,455
% of Gross		50%		50%		57%					50%
Start Station		33+50/43+00									
End Station		31+00/42+50									
Advance		See QC report									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+85	5.17	175	34	10,694	2,070

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location:

Dredge: *TOM JAMES* Report Number: 71 Page: 2 of 2 Date: 7-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						336						
Rack						29						
Horsepower						5260						
Exhaust Temp.						937						
Dredge Fuel						7045						
Pump RPM						307						
In Pressure						44						
Out Pressure					44	169						
Water Vacuum												
Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity		14.8	
Shore Line		850					
Rubber Line							
Total Line Length		18,950					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			83.75
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	4	0.33	25.00
Move Discharge			6.33
Move Dredge	1	3.00	55.33
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc	1	0.92	15.08
Operational Total	6	4.25	200.58
Weather Standby	1	7.00	101.33
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	1	7.00	123.83
Pump RPR			73.50
Cutter RPR			1.33
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out	1	1.58	10.08
Mechanical Total	1	1.58	112.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	12.83	436.83

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
00:00	07:00	Weather- Standing by	7:00
07:00	10:00	Moving Dredge to location (Cut 11) SS 5+40	3:00
10:00	10:55	Set up Dredge to start Digging SS 5+40	0:55
10:55	12:30	ER- fix pipe to service water to ladder	1:35
	00:20	Moved Anchors 4X	0:20
		TOTAL	12:50

REMARKS:

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/8/2006 **Report #** 290

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy/periods of rain **TEMPERATURE:** Min. 75 Max. 85

WIND SPEED: 10.00 to 15.00 MPH **Direction** S-SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+1.0	AM	Morning tide
+0.2	PM	Evening tide

LOCATION OF DISCHARGE: 37+50/138 feet west of pay profile line no. CG 8

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 20.17 hrs. removing approx. 44,759 gross cys of material from the borrow area.
The material was placed on the beach within the limits of fill. The discharge is located at 37+50.
Shore crew placed beachfill.
4 dozers worked on beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continuse beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement.
Survey crew staking grade, taking check surveys and patrolling the beach and marsh area.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- under repair
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:00 AM to 9:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 6:15 PM to 7:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Jeffrey N. Thompson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 72 Page: 1 of 2 Date: 8-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	876.25	249.67				1754.25
Operating Time		20.17		20.17	470.58	629.83	162.67				1263.08
% of Total Time		84%		84%	75%	72%	65%				72%
Lost Time		3.83		3.83	119.50	212.08	87.00				418.58
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		44,759		44,759	1,168,215	1,456,367	395,988				3,020,570
Adjustments											
Avg. Gross Cys					44,621	39,889	38,066				1,722
Gross CY/Hr		2,219		2,219	2,482	2,312	2,434				2,391
Gross Width		300									
% of Gross											
Avg. Gross Face		8.0									
Start Station	12+25	12+85	-0+50								
End Station	13+00	15+10	1+55								
Advance		505		505	32,732	9,875	4,655				47,262
Avg. Advance					1,250	270	447				27
Adv. Ft/Hr		25.0		25.0	70	16	29				37
Coverage		151,500		151,500	9,618,600	1,165,500					10,784,100
Avg. Coverage					367,395	31,922					147,538
Coverage/Hr		7,512		7,512							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		22,379		22,379		833,288	395,988				1,229,276
Pay CY/Hr		1,110		1,110		1,323	2,434				973
Gross Cys		44,759		44,759		1,456,690	395,988				1,852,678
Gross CY/Hr		2,219		2,219		2,313	2,434				1,467
% of Gross		50%		50%		57%					66%
Start Station		33+50									
End Station		37+50									
Advance		400		400		400					400
Adv. Ft/Hr		20		20		1					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	3+07	5.83	150	26	10,000	1,714

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 72 Page: 2 of 2 Date: 8-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						339						
Rack						29						
Horsepower						4774						
Exhaust Temp.						907						
Dredge Fuel						6928						
Pump RPM						308						
In Pressure						48						
Out Pressure					48	165						
Water Vacuum												
Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity		13.7	
Shore Line		830					
Rubber Line							
Total Line Length		18,930					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	1.08	84.83
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	4	0.33	25.33
Move Discharge			6.33
Move Dredge	2	1.42	56.75
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc			15.08
Operational Total	8	2.83	203.42
Weather Standby			101.33
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			123.83
Pump RPR	1	1.00	74.50
Cutter RPR			1.33
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total	1	1.00	113.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	3.83	440.67

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
01:45	02:00	Moved Dredge- from Cut11 SS 10+50 to Cut 12 SS 10+35	0:15
04:05	04:40	Fill- add pipe	0:35
11:30	12:40	Moved Dredge- From Cut 12 SS 12+60 to Cut 12 SS -300,	1:10
		add pipe &greased ladder	
18:15	19:15	Main Pump- add packing	1:00
19:40	20:10	Fill- Spoil area	0:30
	0:20	Moved Anchors 4X	0:20
		TOTAL	3:50

REMARKS:

(Strip STA 12+25 to 13+00) Cut 11 Sand =75ft ADV.
(Beach STA 12+85 to 15+10) Cut 12 Sand = 225 ft ADV.

TOTAL ADV.=505 ft.

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/9/2006 **Report #** 291

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy/periods of rain **TEMPERATURE:** Min. 75 Max. 85

WIND SPEED: 5.00 to 10.00 MPH **Direction** S-SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+1.5	AM	Morning tide
+0.2	PM	Evening tide

LOCATION OF DISCHARGE: 39+65/77 feet east of pay profile line no. CG 8

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 21.83 hrs. removing approx. 45,694 gross cys of material from the borrow area.
The material was placed on the beach within the limits of fill. The discharge is located at 39+65.
Shore crew placed beachfill.
4 dozers worked on beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8827- operating
D6- # 8835- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement.
Survey crew staking grade, taking check surveys and patrolling the beach and marsh area.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:00 AM to8:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:15 PM to 6:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 73 Page: 1 of 2 Date: 9-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	900.25	249.67				1778.25
Operating Time		21.83		21.83	470.58	651.67	162.67				1284.92
% of Total Time		91%		91%	75%	72%	65%				72%
Lost Time		2.17		2.17	119.50	214.25	87.00				420.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		45,694		45,694	1,168,215	1,502,061	395,988				3,066,264
Adjustments											
Avg. Gross Cys					44,621	40,044	38,066				1,724
Gross CY/Hr		2,093		2,093	2,482	2,305	2,434				2,386
Gross Width		300									
% of Gross											
Avg. Gross Face		6.5									
Start Station		1+55									
End Station		7+90									
Advance		635		635	32,732	10,510	4,655				47,897
Avg. Advance					1,250	280	447				27
Adv. Ft/Hr		29.1		29.1	70	16	29				37
Coverage		190,500		190,500	9,618,600	1,356,000					10,974,600
Avg. Coverage					367,395	36,150					148,118
Coverage/Hr		8,725		8,725							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		22,847		22,847		856,135	395,988				1,252,123
Pay CY/Hr		1,046		1,046		1,314	2,434				974
Gross Cys		45,694		45,694		1,502,384	395,988				1,898,372
Gross CY/Hr		2,093		2,093		2,305	2,434				1,477
% of Gross		50%		50%		57%					66%
Start Station		37+50									
End Station		39+65									
Advance		215		215		215					215
Adv. Ft/Hr		10		10		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	9+20	5.08	130	26	11,616	2,285

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 73 Page: 2 of 2 Date: 9-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						300						
Rack						29						
Horsepower						5130						
Exhaust Temp.						854						
Dredge Fuel						7563						
Pump RPM						281						
In Pressure						47						
Out Pressure					47	159						
Water Vacuum												
Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity		14.0	
Shore Line		1,045					
Rubber Line							
Total Line Length		19,145					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	16.6

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work	2	1.00	85.83	06:20	07:00	Fill- add shore pipe	0:40
Rubber Line			4.83	07:15	07:55	Main Pump- add packing	0:40
Sub Line Dredge				11:40	12:00	Fill- Build Dikes	0:20
Clean Pipeline			3.17				
Clean Pump			1.75				
Clean Cutter/Suction			3.25		0:30	Moved Anchors 6X	0:30
Anchors	6	0.50	25.83				
Move Discharge			6.33				
Move Dredge			56.75				
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc			15.08				
Operational Total	8	1.50	204.92				
Weather Standby			101.33				
Weather Repairs			12.25				
Weather Moving			10.25				
Weather Total			123.83				
Pump RPR	1	0.67	75.17				
Cutter RPR			1.33				
Spud RPR			1.92				
Electrical			0.92				
Eng Rm In			24.67				
Eng Rm Out			10.08				
Mechanical Total	1	0.67	114.08	**REMARKS:**			TOTAL 2:10
Bstr (1) Deck				Fill- Add pipe, 2, 4, 2 = 8 pipe			
Bstr (1) Eng Rm							
Booster Total							
Total Lost Time	9	2.17	442.83				

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/10/2006 **Report #** 292

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy/periods of rain **TEMPERATURE:** Min. 78 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** S-SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+1.5	AM	Morning tide
+0.2	PM	Evening tide

LOCATION OF DISCHARGE: 40+40/152 feet east of pay profile line no. CG 8

DRESSING OPERATIONS COMPLETE TO: 0 feet east/west of pay profile line no. CG 5

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 21.33 hrs. removing approx. 48,936 gross cys of material from the borrow area.
The material was placed on the beach within the limits of fill. The discharge is located at 40+40.
Shore crew placed beachfill.
3 dozers worked on beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement.
Survey crew staking grade, taking check surveys and patrolling the beach and marsh area.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and wheth
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:00 AM to8:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:30 PM to 6:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 74 Page: 1 of 2 Date: 10-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	628.33	924.25	249.67				1802.25
Operating Time		21.33		21.33	470.58	673.00	162.67				1306.25
% of Total Time		89%		89%	75%	73%	65%				72%
Lost Time		2.67		2.67	119.50	216.92	87.00				423.42
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		48,936		48,936	1,168,215	1,550,997	395,988				3,115,200
Adjustments											
Avg. Gross Cys					44,621	40,275	38,066				1,729
Gross CY/Hr		2,294		2,294	2,482	2,305	2,434				2,385
Gross Width		300									
% of Gross											
Avg. Gross Face		7.1									
Start Station		7+90	5+30								
End Station		12+88	4+10								
Advance		618		618	32,732	11,128	4,655				48,515
Avg. Advance					1,250	289	447				27
Adv. Ft/Hr		29.0		29.0	70	17	29				37
Coverage		185,400		185,400	9,618,600	1,541,400					11,160,000
Avg. Coverage					367,395	40,026					148,614
Coverage/Hr		8,691		8,691							
Req. Grade + O.D.		26-28									
Dredged Elev.		26-28									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		24,468		24,468		880,603	395,988				1,276,591
Pay CY/Hr		1,147		1,147		1,308	2,434				977
Gross Cys		48,936		48,936		1,551,320	395,988				1,947,308
Gross CY/Hr		2,294		2,294		2,305	2,434				1,491
% of Gross		50%		50%		57%	100%				66%
Start Station		39+65									
End Station		40+40									
Advance		75		75		75					75
Adv. Ft/Hr		4		4		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	2+87	5.75	123	21	12,139	2,111

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 74 Page: 2 of 2 Date: 10-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						320						
Rack						27						
Horsepower						5107						
Exhaust Temp.						878						
Dredge Fuel						7176						
Pump RPM						315						
In Pressure						44						
Out Pressure					44	159						
Water Vacuum												
Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity		14.6	
Shore Line		290					
Rubber Line							
Total Line Length		18,390					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	16.6

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	1.17	55.58
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			3.17
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	3	0.25	26.08
Move Discharge			6.33
Move Dredge	1	1.08	57.83
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	7	2.50	161.33
Weather Standby			101.33
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			123.83
Pump RPR			75.17
Cutter RPR	1	0.17	1.50
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total	1	0.17	114.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	2.67	399.41

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
00:00	00:20	Fill- Cont. to build Dikes	0:20
03:50	04:20	Fill- add (1) pipe	0:30
06:15	07:20	Moved Dredge-from(Cut12)SS10+38 to (Cut1)SS 7+80 & Fill- add (3) pipe	1:05
07:20	07:30	Change Cutter Teeth- (2)	0:10
11:40	12:00	Fill- working on Dikes	0:20
	0:15		0:15
		TOTAL	2:40

REMARKS:

Beach- STA's 12+88 to 7+90 (Cut 12) = 498 adv.

Marsh- STA's 5+30 to 4+10 (Cut 1) = 120 adv. **Combined Total = 618ft Adv. (Sand/Beac**

All advance reported for the dredge went into the beachfill, Both dredge cuts #12 & #1.

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/11/2006 **Report #** 293

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** S-SW

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 2	Feet	+1.5	AM	Morning tide
Fill Area	1 to 2	Feet	+0.1	PM	Evening tide
Wave Direction	SW				

LOCATION OF DISCHARGE: 40+40/152 feet east of pay profile line no. CG 8

DRESSING OPERATIONS COMPLETE TO: 29+20/0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 16.92 hrs. removing approx. 25,511 gross cys of beach material and 13,750 gross cys of mud from the borrow area. The material was placed on the beach within the limits of fill as was the marsh material. The discharge for the beach was located at 40+40. Discharge for marsh is located at 49+00.
Shore crew placed beachfill.
2 dozers worked on beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations / marsh fill.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement.
Survey crew took AD surveys from STA- 29+00 to 17+00. Fenstermaker and Assoc. rep. observed surveys in the field.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:15 AM to 8:15 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:30 PM to 6:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 75 Page: 1 of 2 Date: 11-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		18.58	5.42	24.00	628.33	942.83	255.08				1826.25
Operating Time		11.75	5.17	16.92	470.58	684.75	167.83				1323.17
% of Total Time		63%	95%	70%	75%	73%	66%				72%
Lost Time		6.83	0.25	7.08	119.50	223.75	87.25				430.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		25,511	13,750	39,261	1,168,215	1,576,508	409,738				3,154,461
Adjustments											
Avg. Gross Cys					44,621	40,130	38,551				
Gross CY/Hr		2,171	2,661	2,321	2,482	2,302	2,441				2,384
Gross Width		300	300								
% of Gross											
Avg. Gross Face		8.2	9.9								
Start Station		4+10	0+50								
End Station		1+30	1+75								
Advance		280	125	405	32,732	11,408	4,780				48,920
Avg. Advance					1,250	290	450				27
Adv. Ft/Hr		23.8	24.2	23.9	70	17	28				37
Coverage		84,000	37,500	121,500	9,618,600	1,625,400	37,500				11,281,500
Avg. Coverage					367,395	41,375	3,528				148,258
Coverage/Hr		7,149	7,258	7,182							
Req. Grade + O.D.		29-30	24-26								
Dredged Elev.		29-30	24-26								
Set Size		10	10								
Material Type		Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		12,755	13,750	26,505		893,358	246,750				1,140,108
Pay CY/Hr		754	2,661	1,567		1,305	1,470				862
Gross Cys		25,511	13,750	39,261		1,576,831	246,750				1,823,581
Gross CY/Hr		2,171	2,661	2,321		2,303	1,470				1,378
% of Gross		50%		50%		56%					62%
Start Station		40+40									
End Station		40+40									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	3+05	4.92	130	26	11,300	2,298

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 75 Page: 2 of 2 Date: 11-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						330						
Rack						30						
Horsepower						5879						
Exhaust Temp.						900						
Dredge Fuel						5356						
Pump RPM						300						
In Pressure						53						
Out Pressure					53	183						
Water Vacuum												
Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		16,500		Velocity		13.2	
Shore Line							
Rubber Line							
Total Line Length		18,100					

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	20.7

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	6.00	61.58
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline	1	0.58	3.75
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	4	0.33	26.42
Move Discharge			6.33
Move Dredge	1	0.50	58.33
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			7.75
Operational Total	9	7.42	168.74
Weather Standby			101.33
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			123.83
Pump RPR			75.17
Cutter RPR			1.50
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total			114.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	7.42	406.83

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
00:00	00:10	Fill- Cont. Working on Dikes. & add (2)	0:10
11:55	12:30	Stop SS 3+80 (CUT 1) & Wash out line	0:35
12:30	13:00	Moved Dredge- to SS -200 (CUT 15 Mud temp)	0:30
13:00	18:35	Fill- Re-Arrange Shore line to pump mud	5:35
23:00	23:15	Fill- fix elbow on fill	0:15
	0:20	Moved Anchors 4X	0:20
		TOTAL	7:25

REMARKS:

11:55 **Fininshed CUT 1 SAND** (Fill on Beach)

18:35 **Started CUT 15 MUD** (Fill on Marsh)

Prepared By: Jason Settle Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/12/2006 **Report #** 294

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** S-SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	SW	

TIDE:

+1.5	AM	Morning tide
+0.1	PM	Evening tide

LOCATION OF DISCHARGE: 54+00/60 feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 29+20/0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 20.08 hrs. removing approx. 28,967 gross cys of marsh material and stripped 24,139 cys of mud from the borrow area.
The material was placed in the marsh within the limits of fill. The overburden was discharched within the limits of the borrow area.
Discharge for marsh is located at 54+00.
Shore crew dressing areas that needed attention,working on equipment.
2 dozers worked on beachfill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations / marsh fill.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement.
Survey crew pulled stakes from 17+00 to 29+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 8:15 AM to9:15 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 4:30 PM to 5:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 76 | Page: 1 of 2 | Date: 12-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	12.67		11.33	24.00	641.00	942.83	266.42				1850.25
Operating Time	12.50		7.58	20.08	483.08	684.75	175.42				1343.25
% of Total Time	99%		67%	84%	75%	73%	66%				73%
Lost Time	0.17		3.75	3.92	119.67	223.75	91.00				434.42
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	24,139		28,967	53,106	1,192,354	1,576,508	438,705				3,207,567
Adjustments											
Avg. Gross Cys					44,644	40,130	39,520				
Gross CY/Hr	1,931		3,820	2,644	2,468	2,302	2,501				2,388
Gross Width	300		300								
% of Gross											
Avg. Gross Face	7.9		7.9								
Start Station	5+05		1+75								
End Station	7+80		5+05								
Advance	275		330	605	33,007	11,408	5,110				49,525
Avg. Advance					1,236	290	460				27
Adv. Ft/Hr	22.0		43.5	30.1	68	17	29				37
Coverage	82,500		99,000	181,500	9,701,100	1,625,400	136,500				11,463,000
Avg. Coverage					363,224	41,375	12,297				148,689
Coverage/Hr	6,600		13,055	9,037							
Req. Grade + O.D.	24-26		24-26								
Dredged Elev.	24-26		24-26								
Set Size	10		10								
Material Type	Mud		Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys			28,967	28,967		893,358	275,717				1,169,075
Pay CY/Hr			3,820	1,442		1,305	1,572				870
Gross Cys			28,967	28,967		1,576,831	275,717				1,852,548
Gross CY/Hr			3,820	1,442		2,303	1,572				1,379
% of Gross			100%			56%					58%
Start Station			54+00								
End Station			54+00								
Advance											
Adv. Ft/Hr											
Req. Grade		6	2.5								
Filled Elev.		2.5	2.5								

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	09+50	5.92	170	29	14,922	2,522

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 76 Page: 2 of 2 Date: 12-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		240										
Rack		26										
Horsepower		3671										
Exhaust Temp.		846										
Dredge Fuel		5278										
Pump RPM		220										
In Pressure		23										
Out Pressure	23	62										
Water Vacuum												
Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line	16,500			Velocity	30.2		
Shore Line	2,480						
Rubber Line							
Total Line Length	20,580						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	20.7

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.83	62.41
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	5	0.42	26.83
Move Discharge			6.33
Move Dredge			58.33
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc	1	1.50	9.25
Operational Total	7	2.75	171.49
Weather Standby			101.33
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			123.83
Pump RPR	1	1.17	76.33
Cutter RPR			1.50
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total	1	1.17	115.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	3.92	410.74

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
04:55	06:05	Main Pump- weld hole on side pump shell	1:10
09:00	09:50	Fill: wash out pump work on valve	0:50
09:50	11:20	Work on valve & Break line to pump overboard	1:30
	0:25	Moved Anchors 5X	0:25
		TOTAL	3:55

REMARKS:

11:20 STA 5+05 Started Pumping overboard

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/13/2006 **Report #** 295

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** W-SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	W-SW	

TIDE:

+1.0	AM	Morning tide
+0.4	PM	Evening tide

LOCATION OF DISCHARGE: 53+40/60 feet east of pay profile line no. CG 11

DRESSING OPERATIONS COMPLETE TO: 29+20/0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 23.17 hrs. stripping approx. 77,292 gross cys of mud material from the borrow area.
The overburden was discharged within the limits of the borrow area.
Shore crew dressing areas that needed attention , working on equipment, and relocating pipe.
3 dozers worked on beachfill, and moving pipe.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations / marsh fill / stripping.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues fill placement.
Survey crew replaced any grade that needed it, and set slopes from 62+00 - 64+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:15 AM to 8:15 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 4:30 PM to 5:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 77 Page: 1 of 2 Date: 13-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	665.00	942.83	266.42				1874.25
Operating Time	23.17			23.17	506.25	684.75	175.42				1366.42
% of Total Time	97%			97%	76%	73%	66%				73%
Lost Time	0.83			0.83	120.50	223.75	91.00				435.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	77,297			77,297	1,269,651	1,576,508	438,705				3,284,864
Adjustments											
Avg. Gross Cys					45,822	40,130	39,520				
Gross CY/Hr	3,337			3,337	2,508	2,302	2,501				2,404
Gross Width	300										
% of Gross											
Avg. Gross Face	8.9										
Start Station	7+80										
End Station	15+65										
Advance	785			785	33,792	11,408	5,110				50,310
Avg. Advance					1,220	290	460				27
Adv. Ft/Hr	33.9			33.9	67	17	29				37
Coverage	235,500			235,500	9,936,600	1,625,400	136,500				11,698,500
Avg. Coverage					358,614	41,375	12,297				149,801
Coverage/Hr	10,165			10,165							
Req. Grade + O.D.	26-30										
Dredged Elev.	26-30										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						893,358	275,717				1,169,075
Pay CY/Hr						1,305	1,572				856
Gross Cys						1,576,831	275,717				1,852,548
Gross CY/Hr						2,303	1,572				1,356
% of Gross						56%					58%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	17+54	5.92	189	32	18,690	3,159

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 77 Date: 13-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		240										
Rack		25										
Horsepower		3424										
Exhaust Temp.		834										
Dredge Fuel		5387										
Pump RPM		219										
In Pressure		26										
Out Pressure	26	61										
Water Vacuum												
Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line	16,500			Velocity	28.8		
Shore Line							
Rubber Line							
Total Line Length	18,100						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Smooth
Avg. RPM	20.7

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			62.41
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	6	0.50	27.33
Move Discharge	1	0.33	6.67
Move Dredge			58.33
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc			9.25
Operational Total	7	0.83	172.33
Weather Standby			101.33
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			123.83
Pump RPR			76.33
Cutter RPR			1.50
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total			115.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	0.83	411.58

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
12:30	12:50	Move Discharge- across Sub-line & Add Cutter teeth (1)	0:20
	0:30	Moved Anchors- 6X	0:30
		TOTAL	0:50

REMARKS:

Stipping in cut # 15

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/14/2006 **Report #** 296

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** W-SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	W-SW	

TIDE:

+1.0	AM	Morning tide
+0.1	PM	Evening tide

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. N/A

DRESSING OPERATIONS COMPLETE TO: 29+20/0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 21.67 hrs. stripping approx.80,399 gross cys of mud material from the borrow area.
The overburden was discharged within the limits of the borrow area.
Shore crew dressing areas that needed attention , working on equipment, and relocating pipe.
3 dozers worked on beachfill, and moving pipe. Pipe moved out of the way for dressing to 38+80.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues stripping operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing fill placement.
Survey crew replaced any grade that needed it, and set slopes from 64+00 73+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:00 AM to 8:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:00 PM to 6:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Quarter boat had a safety meeting on proper evacuation procedure.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 78 Page: 1 of 2 Date: 14-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	689.00	942.83	266.42				1898.25
Operating Time	21.67			21.67	527.92	684.75	175.42				1388.08
% of Total Time	90%			90%	77%	73%	66%				73%
Lost Time	2.33			2.33	122.83	223.75	91.00				437.58
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	80,399			80,399	1,350,050	1,576,508	438,705				3,365,263
Adjustments											
Avg. Gross Cys					47,026	40,130	39,520				
Gross CY/Hr	3,711			3,711	2,557	2,302	2,501				2,424
Gross Width	300										
% of Gross											
Avg. Gross Face	9.9										
Start Station	15+65	0+30									
End Station	17+80	5+45									
Advance	730			730	34,522	11,408	5,110				51,040
Avg. Advance					1,203	290	460				27
Adv. Ft/Hr	33.7			33.7	12	17	29				37
Coverage	219,000			219,000	10,155,600	1,625,400	136,500				11,917,500
Avg. Coverage					353,751	41,375	12,297				150,676
Coverage/Hr	10,108			10,108							
Req. Grade + O.D.	24-26										
Dredged Elev.	24-26										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						893,358	256,358				1,149,716
Pay CY/Hr						1,305	1,461				828
Gross Cys						1,576,831	275,717				1,852,548
Gross CY/Hr						2,303	1,572				1,335
% of Gross						56%					61%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	7+06	4.92	161	33	17,710	3,602

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration
Dredge: *TOM JAMES* | Report Number: 78 | Page: 2 of 2 | Date: 14-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		241										
Rack		27										
Horsepower		3912										
Exhaust Temp.		828										
Dredge Fuel		7195										
Pump RPM		242										
In Pressure		21										
Out Pressure	21	58										
Water Vacuum												
Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	30.6		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Basket
No. of Blades	6
Teeth	Super Sand
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			62.41
Rubber Line			1.33
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.50
Clean Cutter/Suction			0.67
Anchors	4	0.33	27.67
Move Discharge			6.67
Move Dredge	1	1.25	59.58
Re-pin Spuds			
Change Cutter			1.08
Change Pump			
Misc	1	0.75	10.00
Operational Total	6	2.33	174.66
Weather Standby			101.33
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			123.83
Pump RPR			76.33
Cutter RPR			1.50
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total			115.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	2.33	413.91

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
06:40	07:55	Moved Dredge- Cut 15 SS 15+30 to Cut 16 SS -220.	1:15
14:55	15:40	Replaced anchor cable- on discharge	0:45
	0:20	Moved Anchors 4X	0:20
		TOTAL	2:20

REMARKS:

(Stripping Column) CUT 15 STA's 15+65 to 17+80 = 215 Adv.

(Beach Column) CUT 16 STA's 0+30 to 5+45 = 515 Adv.

Combined Total= 730 ft Adv. Stripping

Prepared By: Jason Settle

Approved By: ____________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/15/2006 **Report #** 297

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Parly cloudy with periods of rain **TEMPERATURE:** Min. 78 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** W-SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	W-SW	

TIDE:

+1.2	AM	Morning tide
+0.1	PM	Evening tide

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. N/A

DRESSING OPERATIONS COMPLETE TO: 29+20/0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 21.42 hrs. stripping approx. 71,755 gross cys of mud material from the borrow area.
The overburden was discharged within the limits of the borrow area.
Shore crew dressing areas that needed attention,and working on equipment.
3 dozers worked on dressing, and moving pipe.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues stripping operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed.
Survey crew took checks from 30+00 to 38+88.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- under repair
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol- 7:00 AM to 8:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:15 PM to 6:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 79 Page: 1 of 2 Date: 15-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	713.00	942.83	266.42				1922.25
Operating Time	21.42			21.42	549.33	684.75	175.42				1409.50
% of Total Time	89%			89%	77%	73%	66%				73%
Lost Time	2.58			2.58	125.42	223.75	91.00				440.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	71,755			71,755	1,421,805	1,576,508	438,705				3,437,018
Adjustments											
Avg. Gross Cys					47,859	40,130	39,520				
Gross CY/Hr	3,350			3,350	2,588	2,302	2,501				2,438
Gross Width	300										
% of Gross											
Avg. Gross Face	8.1										
Start Station	5+45	0+30									
End Station	10+06	3+67									
Advance	798			798	35,320	11,408	5,110				51,838
Avg. Advance					1,189	290	460				27
Adv. Ft/Hr	37.3			37.3	64	17	29				37
Coverage	239,400			239,400	10,596,000	3,422,400	1,533,000				15,551,400
Avg. Coverage					356,668	87,118	138,098				194,165
Coverage/Hr	11,178			11,178							
Req. Grade + O.D.	24-26										
Dredged Elev.	24-26										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						893,358	256,358				1,149,716
Pay CY/Hr						1,305	1,461				816
Gross Cys						1,576,831	256,358				1,833,189
Gross CY/Hr						2,303	1,461				1,301
% of Gross						56%					59%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	5+36	4.33	169	39	13,133	3,031

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 79 | Page: 2 of 2 | Date: 15-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		235										
Rack		27										
Horsepower		3442										
Exhaust Temp.		815										
Dredge Fuel		7100										
Pump RPM		226										
In Pressure		23										
Out Pressure	23	61										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	30.6		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand
No. of Blades	6
Teeth	Chisel
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			93.83
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	28.17
Traffic			6.67
Move Dredge	1	1.00	60.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc (trash)	1	1.08	18.42
Operational Total	8	2.58	223.33
Weather Standby			101.33
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			123.83
Pump RPR			76.33
Cutter RPR			1.50
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total			115.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	2.58	462.58

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
02:20	03:20	Port Swing Cable broke & made new eye	1:00
12:00	13:05	Moved Dredge from Cut 16 SS 7+56 to Cut 17 SS -220	1:05
		& changed Cutter teeth (9)	
	0:30	Moved Anchors 6X	0:30
		TOTAL	2:35

REMARKS:

(Stripping Column) Cut 16 STA's 5+45 to 10+06 = 461 ft Adv.

(Beach Coulumn) Cut 17 STA's 0+30 to 3+67 = 337 ft Adv.

Combined TOTAL = 798 ft MUD/Stripping Adv.

Prepared By: Jason Settle

Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/16/2006 **Report #** 298

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy with periods of rain **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** W-SW

WAVE HEIGHT AT:

Borrow Site	0 to 2	Feet
Fill Area	0 to 2	Feet
Wave Direction	W-SW	

TIDE:

+1.2	AM	Morning tide
0.0	PM	Evening tide

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. N/A

DRESSING OPERATIONS COMPLETE TO: 29+20/0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 20.08 hrs. stripping approx. 64,377 gross cys of mud material from the borrow area.
The overburden was discharged within the limits of the borrow area.
Shore crew dressing areas that needed attention, and working on equipment.
3 dozers worked on dressing, and moving pipe.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations / marsh fill / stripping.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew took Ads from 5+00 to 16+00 with Fenstermaker and Assoc. representative present.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- operating
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-8:00 AM to9:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 3:15 PM to 4:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 80 Page: 1 of 2 Date: 16-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	737.00	942.83	266.42				1946.25
Operating Time	20.08			20.08	569.41	684.75	175.42				1429.58
% of Total Time	84%			84%	77%	73%	66%				73%
Lost Time	3.92			3.92	129.34	223.75	91.00				444.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	64,377			64,377	1,486,182	1,576,508	438,705				3,501,395
Adjustments											
Avg. Gross Cys					48,397	40,130	39,520				
Gross CY/Hr	3,205			3,205	2,610	2,302	2,501				2,449
Gross Width	300										
% of Gross											
Avg. Gross Face	7.5										
Start Station	3+67	5+30									
End Station	6+80	9+89									
Advance	772			772	36,092	11,408	5,110				52,610
Avg. Advance					1,175	290	460				27
Adv. Ft/Hr	38.4			38.4	63	17	29				37
Coverage	231,600			231,600	10,827,600	3,422,400	1,533,000				15,783,000
Avg. Coverage					352,595	87,118	138,098				194,627
Coverage/Hr	11,532			11,532							
Req. Grade + O.D.	20-24										
Dredged Elev.	20-24										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						893,358	256,358				1,149,716
Pay CY/Hr						1,305	1,461				804
Gross Cys						1,576,831	256,358				1,833,189
Gross CY/Hr						2,303	1,461				1,282
% of Gross						56%					59%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	11+55	5.67	166	29	17,813	3,143

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 80 Page: 2 of 2 Date: 16-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		241										
Rack		26										
Horsepower		3671										
Exhaust Temp.		809										
Dredge Fuel		7123										
Pump RPM		220										
In Pressure		22										
Out Pressure	22	55										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

LINE INFORMATION / CUTTER

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600			Lift	1.0			No. of Blades	6
Submerged Line				Velocity	30.8			Teeth	Chisel
Shore Line								Avg. RPM	25
Rubber Line									
Total Line Length	1,600								

Cutter Type: Super Sand

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work			93.83	00:00	00:30	Weather Standby- winds (43 mil. Per/hr) & rain	0:30
Rubber Line			4.83	02:10	03:20	Main Pump - repack	1:10
Sub Line Dredge				07:45	09:05	Moved Dredge- from Cut 17 SS 4+30 to Cut 18 SS 2+80	1:20
Clean Pipeline			3.75			& changed cutter teeth (1)	
Clean Pump			1.75	14:55	15:20	Main Pump- add (1) round of packing to	0:25
Clean Cutter/Suction			3.25				
Anchors	6	0.50	28.67				
Traffic			6.67				
Move Dredge	1	1.33	61.92		0:30	Moved Anchors- 6X	0:30
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.			18.42				
Operational Total	7	1.83	225.17				
Weather Standby	1	0.50	101.83				
Weather Repairs			12.25				
Weather Moving			10.25				
Weather Total	1	0.50	124.33				
Pump RPR	2	1.58	77.92				
Cutter RPR			1.50				
Spud RPR			1.92				
Electrical			0.92				
Eng Rm In			24.67				
Eng Rm Out			10.08				
Mechanical Total	2	1.58	117.00	**REMARKS:**		TOTAL	3:55
Bstr (1) Deck				(Stripping Column) Cut 17 STA's 3+67 to 6+80 = 313 ft Adv.			
Bstr (1) Eng Rm				(Beach Column) Cut 18 STA's 5+30 to 9+89 = 459 ft Adv.			
Booster Total				**Combined Total= 772 ft Adv. Mud/Stripping**			
Total Lost Time	10	3.92	466.50				

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/17/2006 **Report #** 299

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy with periods of rain **TEMPERATURE:** Min. 79 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** W-SW

WAVE HEIGHT AT:

Borrow Site	0 to 2	Feet
Fill Area	0 to 2	Feet
Wave Direction	W-SW	

TIDE:

+1.4	AM	Morning tide
-0.1	PM	Evening tide

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. N/A

DRESSING OPERATIONS COMPLETE TO: 29+20/0 feet east/west of pay profile line no. CG 6

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 22.08 hrs. stripping approx. 67,898 gross cys of mud material from the borrow area.
The overburden was discharged within the limits of the borrow area.
Shore crew dressing areas that needed attention, and working on equipment.
3 dozers worked on dressing, and moving pipe.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations / marsh fill / stripping.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew set last setteling plate on line 16+32, and replace any stakes as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- down for repairs
Tug Boat - Miss Helen - operable- idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-7:30 AM to 9:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 4:15 PM to 5:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 81 | Page: 1 of 2 | Date: 17-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	761.00	942.83	266.42				1970.25
Operating Time	22.08			22.08	591.50	684.75	175.42				1451.67
% of Total Time	92%			92%	78%	73%	66%				74%
Lost Time	1.92			1.92	131.25	223.75	91.00				446.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	67,898			67,898	1,554,081	1,576,508	438,705				3,569,294
Adjustments											
Avg. Gross Cys					49,012	40,130	39,520				
Gross CY/Hr	3,075			3,075	2,627	2,302	2,501				2,459
Gross Width	300										
% of Gross											
Avg. Gross Face	9.8										
Start Station	9+89										
End Station	16+15										
Advance	626			626	36,718	11,408	5,110				53,236
Avg. Advance					1,158	290	460				27
Adv. Ft/Hr	28.3			28.3	62	17	29				37
Coverage	187,800			187,800	11,015,400	3,422,400	1,533,000				15,970,800
Avg. Coverage					347,398	87,118	138,098				194,543
Coverage/Hr	8,504			8,504							
Req. Grade + O.D.	24-26										
Dredged Elev.	24-26										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						893,358	256,358				1,149,716
Pay CY/Hr						1,305	1,461				792
Gross Cys						1,576,831	256,358				1,833,189
Gross CY/Hr						2,303	1,461				1,263
% of Gross						56%					59%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	17+04	5.75	139	24	13,114	2,281

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 81 Page: 2 of 2 Date: 17-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		243										
Rack		28										
Horsepower		4703										
Exhaust Temp.		850										
Dredge Fuel		6562										
Pump RPM		221										
In Pressure		25										
Out Pressure	25	64										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line	0			Velocity	30.4		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			93.83
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	29.17
Traffic			6.67
Move Dredge			61.92
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			18.42
Operational Total	6	0.50	225.67
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	2	1.42	79.33
Cutter RPR			1.50
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total	2	1.42	118.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	1.92	468.42

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
05:30	05:45	ER- tighten packing gland on Main Pump	0:15
06:20	07:30	ER- Repack Main Pump & Change cutter teeth (6)	1:10
	0:30	Move Anchors 6X	0:30
		TOTAL	1:55

REMARKS:

Prepared By: Jason Settle Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/18/2006 **Report #** 300

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy with periods of rain **TEMPERATURE:** Min. 78 Max. 92

WIND SPEED: 5.00 to 10.00 MPH **Direction** W-SW

WAVE HEIGHT AT:

Borrow Site	0 to 2	Feet
Fill Area	0 to 2	Feet
Wave Direction	W-SW	

TIDE:

+1.4	AM	Morning tide
-0.1	PM	Evening tide

LOCATION OF DISCHARGE: 42+95/407 feet east of pay profile line no. CG 8

DRESSING OPERATIONS COMPLETE TO: 38+88/0 feet east/west of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 21.00 hrs. stripping approx.25,262 gross cys of mud material from the borrow area.
The overburden was discharged within the limits of the borrow area.
Also pumping approx. 21,548 of beach material.
Shore crew placing beach fill material.
3 dozers worked on beach fill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8850- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations / marsh fill / stripping.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew surveyed Ads from Sta. 30+00 to 38+88.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- under repair
Tug Boat - Miss Helen - operable- idle
Crew Boat - Flying Cloud - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-9:30 AM to10:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:15 PM to 6:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 82 Page: 1 of 2 Date: 18-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	9.67	14.33		24.00	770.67	957.16	266.42				1994.25
Operating Time	7.92	13.08		21.00	599.41	697.83	175.42				1472.67
% of Total Time	82%	91%		88%	78%	73%	66%				74%
Lost Time	1.75	1.25		3.00	133.00	225.00	91.00				449.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	25,262	21,548		46,810	1,579,343	1,598,056	438,705				3,616,104
Adjustments											
Avg. Gross Cys					49,184	40,070	39,520				
Gross CY/Hr	3,191	1,647		2,229	2,635	2,290	2,501				2,455
Gross Width	300	300									
% of Gross											
Avg. Gross Face	10.8	7.3									
Start Station	16+15	5+25									
End Station	18+25	7+90									
Advance	210	265		475	36,928	11,673	5,110				53,711
Avg. Advance					1,150	293	460				27
Adv. Ft/Hr	26.5	20.3		22.6	62	17	29				36
Coverage	63,000	79,500		142,500	11,078,400	3,501,900	1,533,000				16,113,300
Avg. Coverage					345,002	87,807	138,098				193,917
Coverage/Hr	7,958	6,076		6,786							
Req. Grade + O.D.	24-26	30-35									
Dredged Elev.	24-26	30-35									
Set Size	10	10									
Material Type	Mud	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		12,631		12,631		905,989	256,358				1,162,347
Pay CY/Hr		601		601		1,298	1,461				789
Gross Cys		25,262		25,262		1,602,099	256,358				1,858,457
Gross CY/Hr		1,931		1,203		2,296	1,461				1,262
% of Gross		50%		50%		56%					62%
Start Station		39+90									
End Station		42+95									
Advance		305		305		305					305
Adv. Ft/Hr		23		15		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	8+80	5.08	90	18	7,300	1,436

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 82 Date: 18-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						301						
Rack						27						
Horsepower						4515						
Exhaust Temp.						877						
Dredge Fuel						6159						
Pump RPM						270						
In Pressure						54						
Out Pressure					54	163						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift		7.0	
Submerged Line		16,500		Velocity		13.6	
Shore Line		1,230					
Rubber Line							
Total Line Length	1,600	19,330					

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.17	94.00
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	7	0.58	29.75
Traffic			6.67
Move Dredge	1	1.75	63.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			18.42
Operational Total	9	2.50	228.17
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			79.33
Cutter RPR	1	0.50	2.00
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total	1	0.50	118.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	3.00	471.42

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:55	09:40	Moved Dredge- from **Cut18Mud** SS 15+75 to **Cut18Sand** SS 2+75	1:45
15:50	16:20	Changed Cutter Teeth (5)	0:30
23:50	00:00	Fill- raised discharge & Pipe	0:10
	0:35	Moved Anchors 7X	0:35
		TOTAL	3:00

REMARKS:

19:00 Droped ladder to 33'

20:40 Delta Ranger arrived at Dredge for fuel

23:15 Delta Ranger departed Dredge

Prepared By: Nicholas Marshall Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/19/2006 **Report #** 301

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 80 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** E-SE

WAVE HEIGHT AT:

Borrow Site	1 to3	Feet
Fill Area	1 to 3	Feet
Wave Direction	E-SE	

TIDE:

+1.4	AM	Morning tide
-0.1	PM	Evening tide

LOCATION OF DISCHARGE: 42+95/407 feet east of pay profile line no. CG 8

DRESSING OPERATIONS COMPLETE TO: 38+88/0 feet east/west of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 22.33 hrs. Removing approx. 52,064 gross cys. of beach fill material discharged onto beach.
Shore crew placing beach fill material.
4 dozers worked on beach fill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8850- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations / marsh fill / stripping.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew surveyed missed shots (various) from 29+20 to 21+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Crew Boat - Bayou Princess- under repair
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-8:30 AM to9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:15 PM to 5:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 83 Page: 1 of 2 Date: 19-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	770.67	981.16	266.42				2018.25
Operating Time		22.33		22.33	599.41	720.17	175.42				1495.00
% of Total Time		93%		93%	78%	73%	66%				74%
Lost Time		1.67		1.67	133.00	226.67	91.00				450.67
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		52,064		52,064	1,579,343	1,650,120	438,705				3,668,168
Adjustments											
Avg. Gross Cys					49,184	40,363	39,520				
Gross CY/Hr		2,331		2,331	2,635	2,291	2,501				2,454
Gross Width		300									
% of Gross											
Avg. Gross Face		11.6									
Start Station		7+90									
End Station		11+95									
Advance		405		405	36,928	12,078	5,110				54,116
Avg. Advance					1,150	295	460				27
Adv. Ft/Hr		18.1		18.1	62	17	29				36
Coverage		121,500		121,500	11,078,400	3,623,400	1,533,000				16,234,800
Avg. Coverage					345,002	88,631	138,098				193,056
Coverage/Hr		5,440		5,440							
Req. Grade + O.D.		29-32									
Dredged Elev.		29-32									
Set Size		10									
Material Type		SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		26,032		26,032		932,021	256,358				1,188,379
Pay CY/Hr		1,166		1,166		1,294	1,461				795
Gross Cys		52,064		52,064		1,654,163	256,358				1,910,521
Gross CY/Hr		2,331		2,331		2,297	1,461				1,278
% of Gross		50%		50%		56%					61%
Start Station		39+90									
End Station		42+95									
Advance		305		305		305					305
Adv. Ft/Hr		14		14		0					0
Req. Grade		6									
Filled Elev.		6									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+15	5.92	120	20	14,790	2,500

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 83 Page: 2 of 2 Date: 19-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						325						
Rack						28						
Horsepower						4700						
Exhaust Temp.						888						
Dredge Fuel						6080						
Pump RPM						297						
In Pressure						47						
Out Pressure					47	155						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		16,500		Velocity		13.7	
Shore Line		1,230					
Rubber Line							
Total Line Length		19,330					

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	1.17	95.17
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	30.25
Traffic			6.67
Move Dredge			63.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			18.42
Operational Total	9	1.67	229.83
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			79.33
Cutter RPR			2.00
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total			118.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	1.67	473.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	00:15	Fill- Raise pipe	0:15
04:00	04:35	Fill- add pipe	0:35
08:55	09:15	Fiil- Dozer stuck at end of Discharge.	0:20
	00:30	Anchors 6X	0:30
		TOTAL	1:40

REMARKS:

Prepared By: Nicholas Marshall Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/20/2006 **Report #** 302

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 80 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to3	Feet	+1.4	AM	Morning tide
Fill Area	1 to 3	Feet	-0.1	PM	Evening tide
Wave Direction	S				

LOCATION OF DISCHARGE: 43+75/3 feet east of pay profile line no. CG9

DRESSING OPERATIONS COMPLETE TO: 38+88/0 feet east/west of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 15.75 hrs. Removing approx. 33,684 gross cys. of beach fill material discharged onto beach.
Shore crew placing beach fill material.
3 dozers worked on beach fill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations / marsh fill / stripping.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew set any grade stakes the were knocked down.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-8:30 AM to9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-5:15 PM to 6:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Due to the character of the beach fill material, advance is very slow as silty material does not stack very well.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 84 Page: 1 of 2 Date: 20-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	770.67	1005.16	266.42				2042.25
Operating Time		15.75		15.75	599.41	735.92	175.42				1510.75
% of Total Time		66%		66%	78%	73%	66%				74%
Lost Time		8.25		8.25	133.00	234.92	91.00				458.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		33,684		33,684	1,579,343	1,683,804	438,705				3,701,852
Adjustments											
Avg. Gross Cys					49,184	40,204	39,520				
Gross CY/Hr		2,139		2,139	2,635	2,288	2,501				2,450
Gross Width		300									
% of Gross											
Avg. Gross Face		9.0									
Start Station		11+95	0+60								
End Station		13+60	2+30								
Advance		335		335	36,928	12,413	5,110				54,451
Avg. Advance					1,150	296	460				27
Adv. Ft/Hr		21.3		21.3	62	17	29				36
Coverage		100,500		100,500	11,078,400	3,723,900	1,533,000				16,335,300
Avg. Coverage					345,002	88,915	138,098				191,968
Coverage/Hr		6,381		6,381							
Req. Grade + O.D.		-32to-37									
Dredged Elev.		-32to-37									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		16,842		16,842		976,811	438,705				1,415,516
Pay CY/Hr		1,069		1,069		1,327	2,501				937
Gross Cys		33,684		33,684		1,687,847	438,705				2,126,552
Gross CY/Hr		2,139		2,139		2,294	2,501				1,408
% of Gross		50%		50%		56%	100%				67%
Start Station		42+95									
End Station		43+75									
Advance		80		80		80					80
Adv. Ft/Hr		5		5		0					0
Req. Grade		6									
Filled Elev.		6									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	4+30	5.83	200	34	15,564	2,668

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 84 Date: 20-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						312						
Rack						31						
Horsepower						5790						
Exhaust Temp.						952						
Dredge Fuel						5735						
Pump RPM						285						
In Pressure						52						
Out Pressure					52	179						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		16,500		Velocity		14.0	
Shore Line		1,455					
Rubber Line							
Total Line Length		19,555					

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.67	95.83
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	3	0.25	30.50
Traffic			6.67
Move Dredge	1	1.08	64.75
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	2	5.92	24.33
Operational Total	7	7.92	237.75
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			79.33
Cutter RPR	1	0.33	2.33
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total	1	0.33	119.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	8.25	481.33

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:00	07:20	Change Cutter Teeth (2)	0:20
09:30	13:00	STBD. Swing Friction broke band	3:30
13:00	14:05	Moved Dredge- from Cut18 SS 11+10 to Cut17 SS -1+90	1:05
16:40	19:05	Change Stranded STBD Swing Cable	2:25
21:45	22:25	Fill- Build up dikes & add pipe (2)	0:40
	0:15		0:15
		TOTAL	8:15

REMARKS:

2X Cuts (Beach Column) Cut 18 & (Marsh Column) Cut17 **= 335 ft. Adv. BEACH/SAND**
Depths for STA's - Cut 18 11+95-13+60 (-37) ,
Cut 17 0+60-1+36 (-34) , 1+36-1+92 (-32) , 1+92-2+07 (-34) , 2+07-4+30 (-32)

Prepared By: Nicholas Marshall Approved By: ______

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/21/2006 **Report #** 303

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 80 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	1 to3	Feet
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE:

+1.4	AM	Morning tide
-0.1	PM	Evening tide

LOCATION OF DISCHARGE: 46+97/325 feet east of pay profile line no. CG9

DRESSING OPERATIONS COMPLETE TO: 38+88/0 feet east/west of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 22.67 hrs. Removing approx.55,896 gross cys. of beach fill material discharged onto beach.
Shore crew placing beach fill material.
3 dozers worked on beach fill.

The Marsh Buggy 878 -operating- assisting dozers at beachfill.
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew surveys from Sta. 20+00 to 5+00 any missing shots at 20' intervals.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-7:30 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-3:15 PM to 4:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Due to the character of the beach fill material, advance is very slow as silty material does not stack very well.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 85 Page: 1 of 2 Date: 21-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	770.67	1029.16	266.42				2066.25
Operating Time		22.67		22.67	599.41	758.58	175.42				1533.42
% of Total Time		94%		94%	78%	74%	66%				74%
Lost Time		1.33		1.33	133.00	236.25	91.00				460.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		55,896		55,896	1,579,343	1,739,700	438,705				3,757,748
Adjustments											
Avg. Gross Cys					49,184	40,570	39,520				
Gross CY/Hr		2,466		2,466	2,635	2,293	2,501				2,451
Gross Width		300									
% of Gross											
Avg. Gross Face		5.9									
Start Station		2+30	0+50								
End Station		5+50	5+80								
Advance		850		850	55,301	13,263	5,110				73,674
Avg. Advance					1,722	309	460				36
Adv. Ft/Hr		37.5		37.5	92	17	29				48
Coverage		255,000		255,000	11,078,400	3,978,900	1,533,000				16,590,300
Avg. Coverage					345,002	92,788	138,098				192,700
Coverage/Hr		11,250		11,250							
Req. Grade + O.D.		32-37									
Dredged Elev.		32-37									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		27,948		27,948		976,811	256,358				1,233,169
Pay CY/Hr		1,233		1,233		1,288	1,461				804
Gross Cys		55,896		55,896		1,743,743	256,358				2,000,101
Gross CY/Hr		2,466		2,466		2,299	1,461				1,304
% of Gross		50%		50%		56%					62%
Start Station		43+75									
End Station		46+97									
Advance		322		322		322					322
Adv. Ft/Hr		14		14		0					0
Req. Grade		6									
Filled Elev.		6									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	6+16	4.50	136	30	2,435	541

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 85 Page: 2 of 2 Date: 21-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						320						
Rack						29						
Horsepower						5275						
Exhaust Temp.						915						
Dredge Fuel						7976						
Pump RPM						285						
In Pressure						50						
Out Pressure					50	160						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		16,500		Velocity		13.4	
Shore Line		1,777					
Rubber Line							
Total Line Length		19,877					

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			95.83
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	7	0.58	31.08
Traffic			6.67
Move Dredge	1	0.75	65.50
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			24.33
Operational Total	8	1.33	239.08
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			79.33
Cutter RPR			2.33
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total			119.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	1.33	482.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
09:10	09:55	Moved Dredge- from Cut 17 SS 3+00 to Cut 16 SS -2+00	0:45
	0:35	Moved Anchors 7X	0:35
		TOTAL	1:20

REMARKS:

2X Cuts (Beach Column)Cut17 STA 2+30-5+50 & (Marsh Column)Cut16 STA 0+50-5+80**=850 Adv**

Dig Depths: Cut17 STA's 2+30-5+50 (-34), Cut16 STA's 0+50-1+56(-34) , 1+56-1+93 (-35.5)

1+93-266 (-34), 2+66-5+80 (-33)

Added shore pipe: 4,4,2

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/22/2006 **Report #** 304

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 80 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to3	Feet	+1.8	AM	Morning tide
Fill Area	1 to 3	Feet	-0.1	PM	Evening tide
Wave Direction	S				

LOCATION OF DISCHARGE: 50+00/144 feet east of pay profile line no. CG10

DRESSING OPERATIONS COMPLETE TO: 38+88/0 feet east/west of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 20.00 hrs. Removing approx.55,826 gross cys. of beach fill material discharged onto beach.
Shore crew placing beach fill material.
3 dozers worked on beach fill.
Both marsh buggies installing 30' PVC pipe for marsh fill area.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew surveys from Sta. 5+00 to 38+88 Ads in marsh.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and wheth
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-8:30 AM to 9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:15 PM to 5:15 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Due to the character of the beach fill material, advance is very slow as silty material does not stack very well.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 86 Page: 1 of 2 Date: 22-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	770.67	1053.16	266.42				2090.25
Operating Time		20.00		20.00	599.41	778.58	175.42				1553.42
% of Total Time		83%		83%	78%	74%	66%				74%
Lost Time		4.00		4.00	133.00	240.25	91.00				464.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		55,826		55,826	1,579,343	1,795,526	438,705				3,813,574
Adjustments											
Avg. Gross Cys					49,184	40,917	39,520				
Gross CY/Hr		2,791		2,791	2,635	2,306	2,501				2,455
Gross Width		300									
% of Gross											
Avg. Gross Face		7.4									
Start Station		4+80	0+35								
End Station		9+35	2+50								
Advance		675		675	55,976	13,938	5,110				75,024
Avg. Advance					1,743	318	460				36
Adv. Ft/Hr		33.8		33.8	93	18	29				48
Coverage					11,078,400	3,978,900	1,533,000				16,590,300
Avg. Coverage					345,002	90,673	138,098				190,488
Coverage/Hr											
Req. Grade + O.D.		32-34									
Dredged Elev.		32-34									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		27,913		27,913		1,004,724	256,358				1,261,082
Pay CY/Hr		1,396		1,396		1,290	1,461				812
Gross Cys		55,826		55,826		1,799,569	256,358				2,055,927
Gross CY/Hr		2,791		2,791		2,311	1,461				1,323
% of Gross		50%		50%		55%					63%
Start Station		46+97									
End Station		50+00									
Advance		303		303		303					303
Adv. Ft/Hr		15		15		0					0
Req. Grade		6									
Filled Elev.		2.5									

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	3+64	4.17	114	27	10,416	2,500

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 86 Page: 2 of 2 Date: 22-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						348						
Rack						32						
Horsepower						6003						
Exhaust Temp.						945						
Dredge Fuel						5730						
Pump RPM						319						
In Pressure						47						
Out Pressure					47	180						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		16,500		Velocity		13.4	
Shore Line							
Rubber Line							
Total Line Length		18,100					

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	4	2.67	98.50
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	7	0.58	31.67
Traffic			6.67
Move Dredge	1	0.75	66.25
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			24.33
Operational Total	12	4.00	243.08
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			79.33
Cutter RPR			2.33
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total			119.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	12	4.00	486.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:50	01:50	Fill- add shore pipe (4)	1:00
02:55	03:20	Fill- add shore pipe (1)	0:25
11:35	12:05	Fill- add elbow & change Cutter Teeth (6)	0:30
16:20	17:05	Moved Dredge- from Cut16 SS 6+85 to Cut15 SS -2+15	0:45
21:25	22:10	Fill- Add shore pipe (2)	0:45
	00:35	Moved Anchors 7X	0:35
		TOTAL	4:00

REMARKS:

03:30 Delta Ranger arrived at Dredge with Fuel

2X CUTS (Beach) Cut16 STA's 4+80 to 9+35 & (Marsh) Cut15 STA's 0+35 to 2+50 **= 675' Adv.**

Geased ladder block & Added shore pipe 4,4,2

Dig Depth- Cut 16 STA's 7+81 to 9+35 (-34')

Prepared By: Nicholas Marshall Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/23/2006 **Report #** 305

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy **TEMPERATURE:** Min. 80 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

+1.8	AM	Morning tide
-0.1	PM	Evening tide

LOCATION OF DISCHARGE: 52+50/394 feet east of pay profile line no. CG10

DRESSING OPERATIONS COMPLETE TO: 38+88/0 feet east/west of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 16.92 hrs. Removing approx. 37,642 gross cys. of beach fill material discharged onto beach.
Shore crew placing beach fill material.
3 dozers worked on beach fill.
Both marsh buggies installing 30' PVC pipe for marsh fill area.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew staking grade as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds o protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-8:40 AM to 9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:30 PM to 5:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repai
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions take
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Due to the character of the beach fill material, advance is very slow as silty material does not stack very well.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson

CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 87 Page: 1 of 2 Date: 23-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	770.67	1077.16	266.42				2114.25
Operating Time		16.92		16.92	599.41	795.50	175.42				1570.33
% of Total Time		70%		70%	78%	74%	66%				74%
Lost Time		7.08		7.08	133.00	247.33	91.00				471.34
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		37,642		37,642	1,579,343	1,833,168	438,705				3,851,216
Adjustments											
Avg. Gross Cys					49,184	40,844	39,520				
Gross CY/Hr		2,225		2,225	2,635	2,304	2,501				2,452
Gross Width		300									
% of Gross											
Avg. Gross Face		6.8									
Start Station		2+50									
End Station		7+50									
Advance		500		500	55,976	14,438	5,110				75,524
Avg. Advance					1,743	322	460				36
Adv. Ft/Hr		29.6		29.6	93	18	29				48
Coverage		150,000		150,000	11,078,400	4,128,900	1,533,000				16,740,300
Avg. Coverage					345,002	91,995	138,098				190,028
Coverage/Hr		8,867		8,867							
Req. Grade + O.D.		32-34									
Dredged Elev.		32-34									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		18,821		18,821		1,023,545	256,358				1,279,903
Pay CY/Hr		1,113		1,113		1,287	1,461				815
Gross Cys		37,642		37,642		1,837,211	256,358				2,093,569
Gross CY/Hr		2,225		2,225		2,310	1,461				1,333
% of Gross		50%		50%		55%					64%
Start Station		50+50									
End Station		52+50									
Advance		200		200		200					200
Adv. Ft/Hr		12		12		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	9+41	5.83	191	33	12,910	2,213

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 87 Page: 2 of 2 Date: 23-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						294						
Rack						26						
Horsepower						3820						
Exhaust Temp.						812						
Dredge Fuel						6402						
Pump RPM						270						
In Pressure						48						
Out Pressure					48	139						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		15,060		Velocity		13.0	
Shore Line		2,330					
Rubber Line							
Total Line Length		17,390					

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	1.08	99.58
Rubber Line			4.83
Sub Line Dredge	1	4.17	4.17
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.42	32.08
Traffic			6.67
Move Dredge			66.25
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.25	24.58
Operational Total	9	5.92	249.00
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			79.33
Cutter RPR			2.33
Spud RPR	1	0.17	2.08
Electrical			0.92
Eng Rm In	1	1.00	25.67
Eng Rm Out			10.08
Mechanical Total	2	1.17	120.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	7.08	493.75

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:15	00:55	Fill- Add shor pipe (2)	0:40
00:55	01:55	ER- Air starting valve	1:00
06:30	10:40	Wash out, remove SubL.sections (2) & move Y-valve on fill	4:10
16:40	16:55	Misc. -Grease Ladder	0:15
18:40	18:50	ER- Spud Motor wouldn't start	0:10
20:05	20:30	Fill- Add shor pipe (3)	0:25
	00:25	Moved Anchors 5X	0:25
		TOTAL	7:05

REMARKS:

Dig Depth- Cut15Sand STA's 2+50 to 3+84 (-34') STA's 3+84 to 7+50 (-33)

Prepared By: Nicholas Marshall Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/24/2006 **Report #** 306

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy **TEMPERATURE:** Min. 80 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 to3	Feet
Fill Area	1 to 3	Feet
Wave Direction	S	

TIDE:

+1.8	AM	Morning tide
-0.1	PM	Evening tide

LOCATION OF DISCHARGE: 52+50/394 feet east of pay profile line no. CG10

DRESSING OPERATIONS COMPLETE TO: 38+88/0 feet east/west of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge
operated 21.25 hrs. Removing approx. 45,050 gross cys. of beach fill material discharged onto beach.
Shore crew placing beach fill material. Shore pipe was added for an advance of 200'.
3 dozers worked on beach fill.
Both marsh buggies installing 30' PVC pipe for marsh fill area.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew staking grade as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and wheth
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-8:00 AM to 9:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:00 PM to 5:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Due to the character of the beach fill material, advance is very slow as silty material does not stack very well.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 88 Page: 1 of 2 Date: 24-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	770.67	1101.16	266.42				2138.25
Operating Time		21.25		21.25	599.41	816.75	175.42				1591.58
% of Total Time		89%		89%	78%	74%	66%				74%
Lost Time		2.75		2.75	133.00	250.08	91.00				474.09
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		45,050		45,050	1,579,343	1,878,218	438,705				3,896,266
Adjustments											
Avg. Gross Cys					49,184	40,936	39,520				
Gross CY/Hr		2,120		2,120	2,635	2,300	2,501				2,448
Gross Width		300									
% of Gross											
Avg. Gross Face		7.1									
Start Station		7+50									
End Station		13+25									
Advance		575		575	55,976	15,013	5,110				76,099
Avg. Advance					1,743	327	460				36
Adv. Ft/Hr		27.1		27.1	93	18	29				48
Coverage		172,500		172,500	11,078,400	4,301,400	1,533,000				16,912,800
Avg. Coverage					345,002	93,750	138,098				189,831
Coverage/Hr		8,118		8,118							
Req. Grade + O.D.		32-34									
Dredged Elev.		32-34									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		22,525		22,525		1,046,070	256,358				1,302,428
Pay CY/Hr		1,060		1,060		1,281	1,461				818
Gross Cys		45,050		45,050		1,882,261	256,358				2,138,619
Gross CY/Hr		2,120		2,120		2,305	1,461				1,344
% of Gross		50%		50%		55%					64%
Start Station		50+50									
End Station		52+50									
Advance		200		200		200					200
Adv. Ft/Hr		9		9		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	14+18	5.83	93	16	9,655	1,655

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 88 Page: 2 of 2 Date: 24-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						350						
Rack						37						
Horsepower						7591						
Exhaust Temp.						929						
Dredge Fuel						6787						
Pump RPM						319						
In Pressure						47						
Out Pressure					47	180						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		15,060		Velocity		13.9	
Shore Line		2,530					
Rubber Line							
Total Line Length		19,190					

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	2.25	101.83
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	32.58
Move Discharge			6.67
Move Dredge			66.25
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			24.58
Operational Total	7	2.75	251.75
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			79.33
Cutter RPR			2.33
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			10.08
Mechanical Total			120.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	2.75	496.50

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
06:30	08:45	Fill- Build Dike & repair STBD Swing Chive	2:15
	0:30	Moved Anchors 6X	0:30
		TOTAL	2:45

REMARKS:

Add pipe on fill- (12) no down time due to Y-valve

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/25/2006 **Report #** 307

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy/scattered showers **TEMPERATURE:** Min. 78 Max. 95

WIND SPEED: 6.00 to 13.00 MPH **Direction** SSE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE:

0.6	AM	Morning tide
0.7	PM	Evening tide

LOCATION OF DISCHARGE: 55+82/242 feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 38+88/0 feet east/west of pay profile line no. CG 8

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 14.83 hrs. removing 28,778 gross cys. Of beachfill, and 6.5 hrs. removing approx. 18,232 gross cys. of marsh fill. Total working time was 21.33 hrs.
Shore crew placing beach fill material. Shore pipe was added for an advance of 332'. The marsh fill is at sta. 60+00.
3 dozers worked on beach fill.
Both marsh buggies installing 30' PVC pipe for marsh fill area and assisting with fill placement.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew staking grade as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-7:00 AM to 7:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-2:00 PM to 3:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Due to the character of the beach fill material, advance is very slow as silty material does not stack very well.
Dredge ceased beachfill and began marshfill at 16:45.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 89 Page: 1 of 2 Date: 25-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		16.75	7.25	24.00	770.67	1117.91	273.67				2162.25
Operating Time		14.83	6.50	21.33	599.41	831.58	181.92				1612.92
% of Total Time		89%	90%	89%	78%	74%	66%				75%
Lost Time		1.92	0.75	2.67	133.00	252.00	91.75				476.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		28,778	18,232	47,010	1,579,343	1,906,996	456,937				3,943,276
Adjustments											
Avg. Gross Cys					49,184	40,940	40,072				
Gross CY/Hr		1,940	2,805	2,204	2,635	2,293	2,512				2,445
Gross Width		300	300								
% of Gross											
Avg. Gross Face		8.6	9.7								
Start Station		13+25	17+70								
End Station		16+25	19+40								
Advance		300	170	470	55,976	15,313	5,280				76,569
Avg. Advance					1,743	329	463				35
Adv. Ft/Hr		20.2	26.2	22.0	93	18	29				47
Coverage		90,000	51,000	141,000	11,078,400	4,391,400	1,584,000				17,053,800
Avg. Coverage					345,002	94,277	138,912				189,290
Coverage/Hr		6,068	7,846	6,609							
Req. Grade + O.D.		32-34	26-30								
Dredged Elev.		32-34	26-30								
Set Size		10	10								
Material Type		Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		14,389	9,116	23,505		1,060,459	265,474				1,325,933
Pay CY/Hr		674	1,402	1,102		1,275	1,459				822
Gross Cys		28,778	18,232	47,010		1,911,039	456,937				2,367,976
Gross CY/Hr		1,940	2,805	2,204		2,298	2,512				1,468
% of Gross		50%	50%	50%		55%	72%				79%
Start Station		52+50	60+60								
End Station		55+82	60+60								
Advance		332		332		332					332
Adv. Ft/Hr		22		16		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	20+25	5.17	85	16	9,750	1,887

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 89 Page: 2 of 2 Date: 25-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						345						
Rack						36						
Horsepower						7171						
Exhaust Temp.						967						
Dredge Fuel						7186						
Pump RPM						306						
In Pressure						51						
Out Pressure					51	207						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

LINE INFORMATION

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	
Submerged Line		15,060	15,060	Velocity		13.7	
Shore Line		2,600	2,600				
Rubber Line			1,500				
Total Line Length		19,260	20,760				

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.42	102.25
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	7	0.58	33.17
Move Discharge			6.67
Move Dredge	1	0.33	66.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			24.58
Operational Total	9	1.33	253.08
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	3	1.42	80.75
Cutter RPR			2.33
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			10.08
Mechanical Total	3	1.42	121.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	12	2.75	499.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
03:35	04:00	Fill- added pipe	0:25
13:25	14:10	Pump RPR- packing main pump & change cutter teeth (6)	0:45
16:25	16:45	Moved Dredge- from Cut15 SS 14+00(Sand) to Cut 15 15+20 (Mud)	0:20
18:15	18:45	Pump RPR- weld patch in hole on shell	0:30
22:00	22:10	Pump RPR- packing main pump	0:10
	00:35	Moved Anchors 7X	0:35
		TOTAL	2:45

REMARKS:

16:45 Switched from Sand(Beach) to Mud (Marsh)

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/26/2006 **Report #** 308

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy/scattered showers **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 10.00 to 15.00 MPH **Direction** SSW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE:

0.6	AM	Morning tide
0.8	PM	Evening tide

LOCATION OF DISCHARGE: 55+82/242 feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 5.17 hrs. removing 10,060 gross cys. Of beachfill, and 13.25 hrs. removing approx. 33,755 gross cys. of marsh fill. Total working time was 18.42 hrs.
Shore crew placing beach fill material. The beach fill remains at 55+82 and the marsh fill remains at 60+60.
3 dozers worked on beach fill.
Both marsh buggies installing and relocating 30' PVC pipe for marsh fill area and assisting with fill placement.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beach and marsh fill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew staking grade as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operable
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-7:00 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-6:00 PM to 7:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.
Monitoring track of hurricane Ernesto, currently in the north Caribbean, moving NNW.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Due to the character of the beach fill material, advance is very slow as silty material does not stack very well.
Dredge swapped from marsh to beach fill at16:35.
Contractor is monitoring track and development of hurricane Ernesto, and has plan in place should hurricane threaten
the area.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 90 Page: 1 of 2 Date: 26-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		6.58	17.42	24.00	770.67	1124.50	291.09				2186.25
Operating Time		5.17	13.25	18.42	599.41	836.75	195.17				1631.33
% of Total Time		78%	76%	77%	78%	74%	67%				75%
Lost Time		1.42	4.17	5.58	133.00	253.42	95.92				482.34
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		10,060	33,755	43,815	1,579,343	1,917,056	490,692				3,987,091
Adjustments											
Avg. Gross Cys					49,184	40,916	40,457				
Gross CY/Hr		1,947	2,548	2,379	2,635	2,291	2,514				2,444
Gross Width		300	300								
% of Gross											
Avg. Gross Face		7.2	9.6								
Start Station		16+50	19+40								
End Station		17+75	22+55								
Advance		125	315	440	55,976	15,438	5,595				77,009
Avg. Advance					1,743	329	461				35
Adv. Ft/Hr		24.2	23.8	23.9	93	18	29				47
Coverage		37,500	94,500	132,000	11,078,400	4,428,900	1,678,500				17,185,800
Avg. Coverage					345,002	94,526	138,392				188,661
Coverage/Hr		7,258	7,132	7,167							
Req. Grade + O.D.		32-34	26-30								
Dredged Elev.		32-34	26-30								
Set Size		10	10								
Material Type		SAND	MUD								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		5,030	16,877	21,907		1,065,489	282,351				1,347,840
Pay CY/Hr		273	1,274	1,190		1,273	1,447				826
Gross Cys		10,060	33,755	43,815		1,921,099	490,692				2,411,791
Gross CY/Hr		1,947	2,548	2,379		2,296	2,514				1,478
% of Gross		50%	50%	50%		55%	74%				56%
Start Station		55+82	60+60								
End Station		55+82	60+60								
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	19+22	5.58	147	26	12,655	2,267

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 90 Page: 2 of 2 Date: 26-Aug-06

ENGINE ROOM & PUMP INFORMATION												
	Stripping				Beach				Marsh			
ITEM	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM										333		
Rack										30		
Horsepower										6536		
Exhaust Temp.										942		
Dredge Fuel										6966		
Pump RPM										311		
In Pressure										48		
Out Pressure									48	160		
Water Vacuum												
Max Working Vacuum												
Vane x Dia										4X84		
Line To												
Line From												

LINE INFORMATION							
ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	
Submerged Line		15,060	15,060	Velocity		13.5	
Shore Line		2,600	2,600				
Rubber Line			1,500				
Total Line Length		19,260	20,760				

CUTTER	
Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN			
DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	2.50	104.75
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline	1	0.58	4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	4	0.33	33.50
Move Discharge			6.67
Move Dredge	1	0.83	67.42
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			24.58
Operational Total	8	4.25	257.33
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	1	1.33	82.08
Cutter RPR			2.33
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			10.08
Mechanical Total	1	1.33	123.17
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	5.58	504.83

LEVERMAN'S LOG			
Stop Time	Start Time	Delays	Lost Time
05:10	07:10	Fill- Drain water on dump, & move line	2:00
07:10	07:45	Clean Pipeline- wash out line	0:35
07:45	08:15	Fill- Drain water on dump, & move line	0:30
16:35	17:25	Moved Dredge- from Cut15MUD SS 20+05 to Cut15SND SS 14+00	0:50
17:25	18:45	Pump RPR- packing main pump & change cutter teeth (3)	1:20
	0:20	Moved Anchors 4X	0:20
		TOTAL	5:35

REMARKS:
Cut15MUD STA's 19+40 to 22+55 & Cut15SAND 16+50 to 17+75 = 440' ADV.

Prepared By: Nicholas Marshall Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/27/2006 **Report #** 309

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy/scattered showers **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 10.00 to 15.00 MPH **Direction** SSW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE:

0.6	AM	Morning tide
0.8	PM	Evening tide

LOCATION OF DISCHARGE: 55+82/242 feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 7.5 hrs. removing 36,589 gross cys. Of beachfill, and 12.83 hrs. removing approx. 12,160 gross cys. of marsh fill. Total working time was 20.33 hrs.
Shore crew placing beach fill material. The beach fill remains at 55+82 and the marsh fill was moved 100' east to 61+00.
The marsh is being filled between CG 12 and CG 13.
2 dozers worked on beach fill.
Both marsh buggies installing and relocating 30' PVC pipe for marsh fill area and assisting with fill placement.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beach and marsh fill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew staking grade as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-7:00 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-3:00 PM to 6:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.
Monitoring track of hurricane Ernesto.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Due to the character of the beach fill material, advance is very slow as silty material does not stack very well.
Dredge swapped from marsh to beach fill at 17:40.
Contractor is monitoring track and development of hurricane Ernesto, and has plan in place should hurricane threaten
the area.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 91 Page: 1 of 2 Date: 27-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		9.67	14.33	24.00	770.67	1134.16	305.42				2210.25
Operating Time		7.50	12.83	20.33	599.41	844.25	208.00				1651.66
% of Total Time		78%	90%	85%	78%	74%	68%				75%
Lost Time		2.17	1.50	3.67	133.00	255.58	97.42				486.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		36,589	12,160	48,749	1,579,343	1,953,645	502,852				4,035,839
Adjustments											
Avg. Gross Cys					49,184	41,341	39,515				
Gross CY/Hr		4,879	948	2,398	2,635	2,314	2,418				2,444
Gross Width		300	300								
% of Gross											
Avg. Gross Face		8.9	9.6								
Start Station	19+50	17+75	22+36								
End Station	21+15	19+80	23+50								
Advance		370	114	484	55,976	15,808	5,709				77,493
Avg. Advance					1,743	335	449				35
Adv. Ft/Hr		49.3	8.9	23.8	93	19	27				47
Coverage		111,000	34,200	145,200	11,078,400	4,539,900	1,712,700				17,331,000
Avg. Coverage					345,002	96,069	134,586				188,189
Coverage/Hr		14,800	2,666	7,142							
Req. Grade + O.D.		32-34	26-30								
Dredged Elev.		32-34	26-30								
Set Size		10	10								
Material Type		SAND	MUD								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		18,294	6,080	24,374		1,083,783	288,431				1,372,214
Pay CY/Hr		900	474	1,199		1,284	1,387				831
Gross Cys		36,589	12,160	48,749		1,921,099	502,852				2,423,951
Gross CY/Hr		4,879	948	2,398		2,276	2,418				1,468
% of Gross		50%	50%	50%		55%	57%				57%
Start Station		55+82	60+60								
End Station		55+82	61+00								
Advance			40	40			40				40
Adv. Ft/Hr			3	2			0				0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	22+84	5.92	169	29	13,520	2,285

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 91 Page: 2 of 2 Date: 27-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						330						
Rack						29						
Horsepower						5290						
Exhaust Temp.						916						
Dredge Fuel						6430						
Pump RPM						304						
In Pressure						48						
Out Pressure					48	166						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	
Submerged Line		15,060	15,060	Velocity		13.1	
Shore Line		2,600	2,600				
Rubber Line			1,500				
Total Line Length		19,260	20,760				

CUTTER	
Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	0.83	105.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	3	0.25	33.75
Move Discharge			6.67
Move Dredge	2	1.33	68.75
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	1.25	25.83
Operational Total	8	3.67	261.00
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			82.08
Cutter RPR			2.33
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			10.08
Mechanical Total			123.17
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	3.67	508.50

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	00:20	Fill- build dikes	0:20
08:20	08:50	Moved Dredge- from Cut15SND SS 17+30 to Cut15MUD SS 19+86	0:30
10:30	11:45	Changed Port SWG. Cable (broke)	1:15
17:40	18:30	Moved Dredge- from Cut15MUD SS 21+00 to Cut15SND SS 17+00	0:50
22:55	23:25	Fill- build dikes	0:30
	00:15	Moved Anchors 3X	0:15
		TOTAL	3:40

REMARKS:

Moved 3X (2 Sand & 1 Mud temp); (Marsh) Cut15 MUD STA's 22+36 to 23+50 =114 Adv.

(Beach)Cut15SAND STA's17+75 to 19+80 &(Stripping)Cut15SAND STA's19+50 to 21+15=370 Ad

Total Advance= 484' ADV.

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/28/2006 **Report #** 310

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy/scattered showers **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 10.00 to 15.00 MPH **Direction** SSW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE:

0.7	AM	Morning tide
0.7	PM	Evening tide

LOCATION OF DISCHARGE: 57+00/360 feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 10.75 hrs. removing 20,800 gross cys. of beachfill, and 9.42 hrs. removing approx. 54,178 gross cys. Of overburden material(stripping). Total working time 20.17 hrs..
Shore crew placing beach fill material. The beach fill advanced to 57+00.
The marsh is being filled between CG 12 and CG 13.
2 dozers worked on beach fill.
Both marsh buggies assisting with fill placement.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beach and stripping operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.
Survey crew staking grade as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-6:00 AM to 7:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-7:00 PM to 8:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.
Monitoring track of hurricane Ernesto.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.
Due to the character of the beach fill material, advance is very slow as silty material does not stack very well.
Dredge swapped from marsh to beach fill at 10:20.
Contractor is monitoring track and development of hurricane Ernesto, and has plan in place should hurricane threaten
the area.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 92 Page: 1 of 2 Date: 28-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	10.33	13.67		24.00	781.00	1147.83	305.42				2234.25
Operating Time	9.42	10.75		20.17	608.83	855.00	208.00				1671.83
% of Total Time	91%	79%		84%	78%	74%	68%				75%
Lost Time	0.92	2.92		3.83	133.92	258.50	97.42				489.84
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	54,178	20,800		74,978	1,633,520	1,974,445	502,852				4,110,817
Adjustments											
Avg. Gross Cys					50,198	41,284	39,515				
Gross CY/Hr	5,753	1,935		3,718	2,683	2,309	2,418				2,459
Gross Width	300	300									
% of Gross											
Avg. Gross Face	9.2	8.0									
Start Station	13+00	21+15									
End Station	18+30	23+50									
Advance	530	235		765	56,506	16,043	5,709				78,258
Avg. Advance					1,736	335	449				35
Adv. Ft/Hr	56.3	21.9		37.9	93	19	27				47
Coverage	159,000	70,500		229,500	11,237,400	4,610,400	1,712,700				17,560,500
Avg. Coverage					345,323	96,399	134,586				188,633
Coverage/Hr	16,885	6,558		11,380							
Req. Grade + O.D.	26-30	32-34									
Dredged Elev.	26-30	32-34									
Set Size	10	10									
Material Type	Mud	SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		10,400		10,400		1,094,183	288,431				1,382,614
Pay CY/Hr		516		516		1,280	1,387				827
Gross Cys		20,800		20,800		1,974,445	502,852				2,477,297
Gross CY/Hr		1,935		1,031		2,309	2,418				1,482
% of Gross		50%		50%		55%	57%				56%
Start Station		55+82									
End Station		57+00									
Advance		118		118		118					118
Adv. Ft/Hr		11		6		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	19+30	5.92	205	35	19,411	3,281

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 92 Page: 2 of 2 Date: 28-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		240										
Rack		31										
Horsepower		5018										
Exhaust Temp.		867										
Dredge Fuel		5882										
Pump RPM		218										
In Pressure		12										
Out Pressure	12	61										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift	1.0	7.0	
Submerged Line		15,060		Velocity	29.8		
Shore Line		2,718					
Rubber Line							
Total Line Length	1,600	19,378					

CUTTER

Type	SuperSandCutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			105.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	4	0.33	34.08
Move Discharge			6.67
Move Dredge	1	2.83	71.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			25.83
Operational Total	5	3.17	264.17
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	2	0.67	82.75
Cutter RPR			2.33
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			10.08
Mechanical Total	2	0.67	123.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	3.83	512.33

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:30	10:20	Moved Dredge- from Cut15Sand SS 2100 to Cut16Mud SS 10+50	2:50
12:50	13:15	ER- Main Pump RPR- add packing & changed cutter teeth (1)	0:25
19:50	20:05	ER- Main Pump RPR- add packing	0:15
	00:20	Moved Anchors 4X	0:20
		TOTAL	3:50

REMARKS:

Started Stripping at 10:20 Cut16 STA 13+00 pumped discharge overboard

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/29/2006 **Report #** 311

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** SSW

WAVE HEIGHT AT: **TIDE:**

Borrow Site	1 to 2	Feet	0.7	AM	Morning tide
Fill Area	1 to 2	Feet	0.7	PM	Evening tide
Wave Direction	S				

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 21.0 hrs. removing 55,968 gross cys. of overburden material (stripping). Total working time 21.0 hrs..
Shore servicing beach fill equipment.
2 dozers worked on beach fill final grade.
Both marsh buggies assisting with various tasks.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues stripping operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)
Daily Patrol-7:30 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:00 PM to 5:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)
N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A
NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 93 Page: 1 of 2 Date: 29-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	737.00	942.83	266.42				1946.25
Operating Time	21.00			21.00	570.33	684.75	175.42				1430.50
% of Total Time	88%			88%	77%	73%	66%				74%
Lost Time	3.00			3.00	128.42	223.75	91.00				443.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	55,968			55,968	1,477,773	1,576,508	438,705				3,492,986
Adjustments											
Avg. Gross Cys					48,123	40,130	39,520				
Gross CY/Hr	2,665			2,665	2,591	2,302	2,501				2,442
Gross Width	300										
% of Gross											
Avg. Gross Face	10.7										
Start Station	18+30										
End Station	23+00										
Advance	470			470	52,308	11,408	5,110				68,826
Avg. Advance					1,703	290	460				35
Adv. Ft/Hr	22.4			22.4	92	17	29				48
Coverage	141,000			141,000	10,536,000	1,625,400	136,500				12,297,900
Avg. Coverage					343,099	41,375	12,297				151,650
Coverage/Hr	6,714			6,714							
Req. Grade + O.D.	26-30										
Dredged Elev.	26-30										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,094,183	288,431				1,382,614
Pay CY/Hr						1,598	1,644				967
Gross Cys						1,974,445	502,852				2,477,297
Gross CY/Hr						2,883	2,867				1,732
% of Gross						55%	57%				56%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
05:00	13+30	4.92	130	26	12,166	2,474

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 93 Page: 2 of 2 Date: 29-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		241										
Rack		26										
Horsepower		3671										
Exhaust Temp.		807										
Dredge Fuel		5211										
Pump RPM		220										
In Pressure		22										
Out Pressure	22	56										
Water Vacuum												
Working Vacuum												
Vane x Dia		4x84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600			Lift	1.0			Type	Basket
Submerged Line				Velocity	31.2			No. of Blades	6
Shore Line								Teeth	Smooth
Rubber Line								Avg. RPM	25
Total Line Length	1,600								

LOST TIME BREAKDOWN				LEVERMAN'S LOG			
DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time		Lost Time
Shore Line/ Work			93.83	06:10	08:20	ChangedOut STBD SWG.Sheve. & moved back to SS 15+30cut16	2:10
Rubber Line			4.83	17:15	17:40	Moved Dredge- from Cut16MUD SS 20+50 to Cut14Mud SS 7+50	0:25
Sub Line Dredge							
Clean Pipeline			3.75				
Clean Pump			1.75		00:25	Moved Anchors 5X	0:25
Clean Cutter/Suction			3.25				
Anchors	5	0.42	28.58				
Move Discharge			6.67				
Move Dredge	1	0.42	61.00				
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.	1	2.17	20.58				
Operational Total	7	3.00	226.33				
Weather Standby			101.33				
Weather Repairs			12.25				
Weather Moving			10.25				
Weather Total			123.83				
Pump RPR			76.33				
Cutter RPR			1.50				
Spud RPR			1.92				
Electrical			0.92				
Eng Rm In			24.67				
Eng Rm Out			10.08				
Mechanical Total			115.42	**REMARKS:**		TOTAL	3:00
Bstr (1) Deck				**2X Cuts Stripping Mud** (Stripping Column) Cut 16 STA's 18+30 to 23+00 =470' Adv.			
Bstr (1) Eng Rm				&(Beach Column) Cut 14 STA's 10+00 to 12+00 = 200' Adv			
Booster Total				**Combined Total Advance=670'**			
Total Lost Time	7	3.00	465.58				

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/30/2006 **Report #** 312

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** SSW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE: 1.0 AM Morning tide
0.5 PM Evening tide

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 22.83 hrs. removing 66,210 gross cys. of overburden material (stripping). Total working time 22.83 hrs..
Shore crew servicing beach fill equipment.
2 dozers worked on beach fill final grade.
Both marsh buggies assisting with various tasks.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues stripping operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)

Daily Patrol-8.00 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:00 PM to 5:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repai
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine Incorporated

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: W912P-8-06-C-0125 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 94 Page: 1 of 2 Date: 30-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	761.00	942.83	266.42				1970.25
Operating Time	22.83			22.83	593.17	684.75	175.42				1453.33
% of Total Time	95%			95%	78%	73%	66%				74%
Lost Time	1.17			1.17	129.58	223.75	91.00				444.33
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	62,210			62,210	1,539,983	1,576,508	438,705				3,555,197
Adjustments											
Avg. Gross Cys					48,567	40,130	39,520				
Gross CY/Hr	2,725			2,725	2,596	2,302	2,501				2,446
Gross Width	300										
% of Gross											
Avg. Gross Face	8.5										
Start Station	12+00										
End Station	18+55										
Advance	655			655	52,963	11,608	5,110				69,681
Avg. Advance					1,670	295	460				35
Adv. Ft/Hr	28.7			28.7	89	17	29				48
Coverage	196,500			196,500	10,732,500	1,625,400	136,500				12,494,400
Avg. Coverage					338,476	41,375	12,297				152,197
Coverage/Hr	8,606			8,606							
Req. Grade + O.D.	26-30										
Dredged Elev.	26-30										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	TOTAL	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,094,183	288,431				1,382,614
Pay CY/Hr						1,598	1,644				951
Gross Cys						1,974,445	502,852				2,477,297
Gross CY/Hr						2,883	2,867				1,705
% of Gross						55%	57%				79%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	19+80	5.92	125	21	16,676	2,818

EQUIPMENT

Rental Equipment	Delta Duck, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Cranes	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: W912P-8-06-C-0125 | Location: Chaland Headland Restoration
Dredge: *TOM JAMES* | Report Number: 94 | Page: 2 of 2 | Date: 30-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		242										
Rack		28										
Horsepower		3942										
Exhaust Temp.		812										
Dredge Fuel		6380										
Pump RPM		221										
In Pressure		22										
Out Pressure	22	59										
Water Vacuum												
Working Vacuum												
Vane x Dia		4x84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600			Lift	1.0			Type	Basket
Submerged Line				Velocity	31.0			No. of Blades	6
Shore Line								Teeth	Smooth
Rubber Line								Avg. RPM	25
Total Line Length	1,600								

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			93.83
Rubber Line			4.83
Sub Line Dredge			
Clean Pipeline			3.75
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	29.08
Move Discharge			6.67
Move Dredge			61.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			20.58
Operational Total	6	0.50	226.83
Weather Standby			101.33
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			123.83
Pump RPR	1	0.25	76.58
Cutter RPR	1	0.42	1.92
Spud RPR			1.92
Electrical			0.92
Eng Rm In			24.67
Eng Rm Out			10.08
Mechanical Total	2	0.67	116.08
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	1.17	466.75

LEVERMAN'S LOG

Stop Time	Start Time		Lost Time
12:45	13:10	Change Cutter Teeth (6)	0:25
15:05	15:20	Pump RPR- Tighten up packing	0:15
	00:30	Moved Anchors 6X	0:30
		TOTAL	1:10

REMARKS:

09:00 On one Generator, 20:00 on line

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 8/31/2006 **Report #** 313

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** SSW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE: 1.1 AM Morning tide
0.3 PM Evening tide

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 20.67 hrs. removing 61,444 gross cys. of overburden material (stripping). Total working time 20.67 hrs..
Shore crew servicing beach fill equipment.
2 dozers worked on beach fill final grade.
Both marsh buggies assisting with various tasks.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues stripping operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable-idle
(2) Polaris Ranger 6X6 ATV-operable-idle
Honda 300 4X4 ATV-operable-idle

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)

Daily Patrol-6:30 AM to 7:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-3:00 PM to 4:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repai
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 95 Page: 1 of 2 Date: 31-Aug-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	853.00	1147.83	305.42				2306.25
Operating Time	20.67			20.67	673.33	855.00	208.00				1736.33
% of Total Time	86%			86%	79%	74%	68%				75%
Lost Time	3.33			3.33	141.42	258.50	97.42				497.33
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	61,444			61,444	1,813,142	1,974,445	502,852				4,290,439
Adjustments											
Avg. Gross Cys					51,015	41,284	39,515				
Gross CY/Hr	2,973			2,973	2,693	2,309	2,418				2,471
Gross Width	300										
% of Gross											
Avg. Gross Face	9.5										
Start Station	18+55										
End Station	24+25										
Advance	580			580	58,411	16,043	5,709				80,163
Avg. Advance					1,643	335	449				35
Adv. Ft/Hr	28.1			28.1	87	19	27				46
Coverage	174,000			174,000	11,808,900	4,610,400	1,712,700				18,132,000
Avg. Coverage					332,255	96,399	134,586				188,691
Coverage/Hr	8,418			8,418							
Req. Grade + O.D.	24-26										
Dredged Elev.	24-26										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,094,183	288,431				1,382,614
Pay CY/Hr						1,280	1,387				796
Gross Cys						1,974,445	502,852				2,477,297
Gross CY/Hr						2,309	2,418				1,427
% of Gross						55%	57%				56%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	08+24	5.75	186	32	16,868	2,934

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 95 Page: 2 of 2 Date: 31-Aug-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		242										
Rack		25										
Horsepower		3436										
Exhaust Temp.		800										
Dredge Fuel		6312										
Pump RPM		220										
In Pressure		23										
Out Pressure	23	60										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	30.6		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blade	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			105.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.50	35.50
Traffic			6.67
Move Dredge	1		72.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.00
Operational Total	6	0.50	268.16
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	1	0.25	83.25
Cutter RPR	1	0.42	3.17
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			10.08
Mechanical Total	2	0.67	125.17
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	1.17	517.66

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:50	09:30	Change Cutter Teeth- (3) , change out pin , 7 Sheave on STBD sid	1:40
		& also change Butterfly valve out Dewater pump	
13:05	13:30	Pump RPR- add packing to Main pump	0:25
22:45	23:35	Moved Dredge- from Cut14SS 21+75 to Cut14SS 12+70(go down S	0:50
	0:25	Moved Anchors 5X	0:25
		TOTAL	3:20

REMARKS:

(Stripping) Cut14 Mud STA 18+55 to 24+25=570' Adv.

(Beach) Cut 14 Mud STA 10+20 to 10+10= 10' Adv. **Combined Total= 580' Adv. Stripping Mu**

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/1/2006 **Report #** 314

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 5.00 to 10.00 MPH **Direction** SSW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Feet
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE: 1.3 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 21.92 hrs. removing 70,866 gross cys. of overburden material (stripping). Total working time 21.92 hrs..
Shore crew servicing beach fill equipment.
2 dozers worked on beach fill final grade.
Both marsh buggies assisting with various tasks and degrading high areas in marsh.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues stripping operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable-idle
(2) Polaris Ranger 6X6 ATV-operable-idle
Honda 300 4X4 ATV-operable-idle

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds o
protected bird nests were observed. If protected birds or protected bird nests were observed, identify type
and location.)

Daily Patrol-7:30 AM to 8:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-5:00 PM to 6:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach
were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies
retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repai
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr
areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not
been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje
permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo
performed during this reporting period are in strict compliance with the contract drawings and specifications
except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 96 Page: 1 of 2 Date: 1-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	877.00	1147.83	305.42				2330.25
Operating Time	21.92			21.92	695.25	855.00	208.00				1758.25
% of Total Time	91%			91%	79%	74%	68%				75%
Lost Time	2.08			2.08	143.50	258.50	97.42				499.42
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	70,866			70,866	1,884,008	1,974,445	502,852				4,361,305
Adjustments											
Avg. Gross Cys					51,558	41,284	39,515				
Gross CY/Hr	3,233			3,233	2,710	2,309	2,418				2,480
Gross Width	300										
% of Gross											
Avg. Gross Face	9.0										
Start Station	10+10										
End Station	3+05										
Advance	705			705	59,116	16,043	5,709				80,868
Avg. Advance					1,618	335	449				35
Adv. Ft/Hr	32.2			32.2	85	19	27				46
Coverage	211,500			211,500	12,020,400	4,610,400	1,712,700				18,343,500
Avg. Coverage					328,951	96,399	134,586				188,926
Coverage/Hr	9,650			9,650							
Req. Grade + O.D.	24-26										
Dredged Elev.	24-26										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,094,183	288,431				1,382,614
Pay CY/Hr						1,280	1,387				786
Gross Cys						1,974,445	502,852				2,477,297
Gross CY/Hr						2,309	2,418				1,409
% of Gross						55%	57%				79%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:20	01+22	6.17	183	30	20,095	3,259

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 96 Date: 1-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		241										
Rack		25										
Horsepower		3677										
Exhaust Temp.		803										
Dredge Fuel		7191										
Pump RPM		220										
In Pressure		20										
Out Pressure	20	56										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	30.7		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			105.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	4	0.33	35.75
Traffic			6.67
Move Dredge			72.83
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.00
Operational Total	4	0.33	269.25
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			83.42
Cutter RPR			4.42
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out	2	1.75	11.83
Mechanical Total	2	1.75	128.33
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	2.08	521.91

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
05:45	06:00	Engine Rm : Tighten Main Pump Packing	0:15
06:15	07:45	Engine Rm : Repack Main Pump	1:30
	0:20	Move Anchors (4X)	0:20
		TOTAL	2:05

REMARKS:

The dredge continues to strip mud from Cut 14.

Prepared By: **Jason Settle** Approved By: ____________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/2/2006 **Report #** 315

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy **TEMPERATURE:** Min. 80 Max. 95

WIND SPEED: 2.00 to 12.00 MPH **Direction** Variable

WAVE HEIGHT AT: **TIDE:** 1.4 AM Morning tide

Borrow Site	1 to 2	Swell	0.1 PM	Evening tide
Fill Area	1 to 2	Feet		
Wave Direction	S			

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 22.75 hrs. removing 69,596 gross cys. of overburden material (stripping). Total working time 22.75 hrs..
Shore crew servicing beach fill equipment.
2 dozers worked on beach fill final grade.
Both marsh buggies assisting with various tasks and degrading high areas in marsh.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues stripping operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, servicing equipment.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable-idle
(2) Polaris Ranger 6X6 ATV-operable-idle
Honda 300 4X4 ATV-operable-idle

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds o protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-7:30 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-5:30 PM to 6:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repai
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 97 Page: 1 of 2 Date: 2-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	901.00	1147.83	305.42				2354.25
Operating Time	22.75			22.75	718.00	855.00	208.00				1781.00
% of Total Time	95%			95%	80%	74%	68%				76%
Lost Time	1.25			1.25	144.75	258.50	97.42				500.67
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	69,596			69,596	1,953,604	1,974,445	502,852				4,430,901
Adjustments											
Avg. Gross Cys					52,038	41,284	39,515				
Gross CY/Hr	3,059			3,059	2,721	2,309	2,418				2,488
Gross Width	300										
% of Gross											
Avg. Gross Face	8.8										
Start Station	3+05	5+10									
End Station	0+20	0+85									
Advance	710				59,826	16,043	5,709				81,578
Avg. Advance					1,594	335	449				35
Adv. Ft/Hr	31.2				83	19	27				46
Coverage	213,000			213,000	12,233,400	4,610,400	1,712,700				18,556,500
Avg. Coverage					325,862	96,399	134,586				189,171
Coverage/Hr	9,363			9,363							
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,094,183	288,431				1,382,614
Pay CY/Hr						1,280	1,387				776
Gross Cys						1,974,445	502,852				2,477,297
Gross CY/Hr						2,309	2,418				1,391
% of Gross						55%	57%				79%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	1+07	5.50	218	40	11,349	2,063

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 97 Page: 2 of 2 Date: 2-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		246										
Rack		27										
Horsepower		2459										
Exhaust Temp.		840										
Dredge Fuel		2892										
Pump RPM		219										
In Pressure		22										
Out Pressure	22	64										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	29.4		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			105.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	36.25
Traffic			6.67
Move Dredge	1	0.25	73.08
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.25	28.25
Operational Total	8	1.00	270.25
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			83.42
Cutter RPR	1	0.25	4.67
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			11.83
Mechanical Total	1	0.25	128.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	1.25	523.16

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
09:50	10:05	Moved Dredge- from C t14 SS 2+70 to Cut19 SS 7+60	0:15
10:05	10:20	Changed Cutter Teeth (6)	0:15
21:25	21:40	Moved discharge line into barrow area	0:15
	00:30	Moved Anchors 6X	0:30
		TOTAL	1:15

REMARKS:

(Stripping) Cut 14Mud STA's 3+05 to 0+20 =285 Adv.

& (Beach) Cut 19 Mud STA's 5+10 to 0+85=425 Adv. **Combined Total=710' Adv.**

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/3/2006 **Report #** 316

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 95

WIND SPEED: 2.00 to 8.00 MPH **Direction** Variable

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE: 1.4 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: N/A feet east of pay profile line no. CG11

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 21.33 hrs. removing 72,323 gross cys. of overburden material (stripping). Total working time 21.33 hrs..
Shore crew servicing beach fill equipment.
2 dozers worked on beach fill final grade.
Both marsh buggies assisting with various tasks and degrading high areas in marsh.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues stripping operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, servicing equipment.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable-idle
(2) Polaris Ranger 6X6 ATV-operable-idle
Honda 300 4X4 ATV-operable-idle

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds o protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-8:30 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-5:30 PM to 6:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repai
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 98 Page: 1 of 2 Date: 3-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	925.00	1147.83	305.42				2378.25
Operating Time	21.33			21.33	739.33	855.00	208.00				1802.33
% of Total Time	89%			89%	80%	74%	68%				76%
Lost Time	2.67			2.67	147.42	258.50	97.42				503.33
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	72,323			72,323	2,025,927	1,974,445	502,852				4,503,224
Adjustments											
Avg. Gross Cys					52,565	41,284	39,515				
Gross CY/Hr	3,390			3,390	2,740	2,309	2,418				2,499
Gross Width	250										
% of Gross											
Avg. Gross Face	8.4										
Start Station	0+85	3+40	7+50								
End Station	0+00	0+28	3+00								
Advance	932			932	60,758	16,043	5,709				82,510
Avg. Advance					1,576	335	449				35
Adv. Ft/Hr	43.7			43.7	82	19	27				46
Coverage	233,000			233,000	12,466,400	4,610,400	1,712,700				18,789,500
Avg. Coverage					323,453	96,399	134,586				189,613
Coverage/Hr	10,922			10,922							
Req. Grade + O.D.	24-26										
Dredged Elev.	24-26										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,094,183	288,431				1,382,614
Pay CY/Hr						1,280	1,387				767
Gross Cys						1,974,445	502,852				2,477,297
Gross CY/Hr						2,309	2,418				1,374
% of Gross						55%	57%				79%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	5+17	5.92	168	28	18,332	3,098

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 98 Date: 3-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		245										
Rack		25										
Horsepower		3420										
Exhaust Temp.		840										
Dredge Fuel		6378										
Pump RPM		222										
In Pressure		24										
Out Pressure	24	59										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	29.5		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			105.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	3	0.25	36.50
Traffic			6.67
Move Dredge	3	2.42	75.50
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.25
Operational Total	6	2.67	272.91
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			83.42
Cutter RPR			4.67
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			11.83
Mechanical Total			128.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	2.67	525.83

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
01:50	02:15	Moved Dredge- from Cut19 SS 2+50 to Cut 20 SS 5+90	0:25
07:40	09:05	Moved Dredge- from Cut20SS 2+78 to Cut 20 SS 10+00	1:25
20:55	21:30	Moved Dredge- from Cut20SS 5+50 to Cut 21 SS 9+20	0:35
	0:15	Moved Anchors 3X	0:15
		TOTAL	2:40

REMARKS: Finished Cuts 19 & 20, then moved into Cut 21.

Total advance for today was 932 feet. High advance number due to a 312 foot section of Cut 20 that had a width of only 150 feet. This made the average Goss Width to be 250 feet.

NOTE : All advance for today was made stripping mud.

Prepared By: **Jason Settle** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/4/2006 **Report #** 317

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 95

WIND SPEED: 2.00 to 8.00 MPH **Direction** Variable

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE: 1.8 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 58+00/23 feet west of pay profile line no. CG12

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 6.42 hrs. removing 24178 gross cys. of overburden material (stripping) and 15.42 hrs. removing and delivering 46412 cys. of beachfill. Total working time 21.83 hrs..
Shore crew placing beach fill.
2 dozers worked on beach fill final grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues stripping and beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfill.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable-idle
(2) Polaris Ranger 6X6 ATV-operable-idle
Honda 300 4X4 ATV-operable-idle

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds o protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-8:00 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-5:30 PM to 6:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repai
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 99 Page: 1 of 2 Date: 4-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	8.00	16.00		24.00	933.00	1163.83	305.42				2402.25
Operating Time	6.42	15.42		21.83	745.75	870.42	208.00				1824.17
% of Total Time	80%	96%		91%	80%	75%	68%				76%
Lost Time	1.58	0.58		2.17	149.00	259.08	97.42				505.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	24,178	46,412		70,590	2,050,105	2,020,857	502,852				4,573,814
Adjustments											
Avg. Gross Cys					52,736	41,673	39,515				
Gross CY/Hr	3,768	3,011		3,233	2,749	2,322	2,418				2,507
Gross Width	300	300									
% of Gross											
Avg. Gross Face	10.9	11.9									
Start Station	5+85	13+20									
End Station	3+85	16+70									
Advance	200	350		550	60,958	16,393	5,709				83,060
Avg. Advance					1,568	338	449				35
Adv. Ft/Hr	31.2	22.7		25.2	82	19	27				46
Coverage	60,000	105,000		165,000	12,526,400	4,715,400	1,712,700				18,954,500
Avg. Coverage					322,223	97,239	134,586				189,367
Coverage/Hr	9,351	6,811		7,557							
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

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FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	18+29	5.83	159	27	15,688	2,689

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 99 Page: 2 of 2 Date: 4-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		339				339						
Rack		28				28						
Horsepower		5367				5367						
Exhaust Temp.		912				912						
Dredge Fuel		8280				8280						
Pump RPM		309				309						
In Pressure		45				45						
Out Pressure	45	151			45	151						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84				4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		15,060		Velocity		12.7	
Shore Line							
Rubber Line							
Total Line Length		16,660					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			105.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.42	36.92
Traffic			6.67
Move Dredge	1	1.50	77.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.25	28.50
Operational Total	7	2.17	275.08
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			83.42
Cutter RPR			4.67
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			11.83
Mechanical Total			128.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	2.17	528.00

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
06:30	08:00	Moved Dredge- from Cut21 SS 6+35 to Cut 18 SS 10+70	1:30
		change Cutter teeth (1) & started pumping sand on Beach	
18:15	18:30	Check cutter teeth for damages	0:15
	00:25	Moved Anchors- 5X	0:25
		TOTAL	2:10

REMARKS:
(Stripping) Cut21 MUD STA's 5+85 to 3+85= 200' Adv.
& (Beach) Cut18SND STA's 13+20 to 16+70= 350' Adv. **Combined Total Advance=550' Adv.**
Cut18 Sand Digging Depths- STA's 1320-1430 (-37') , 1430-1450 (-34') , 1450-1544 (-37') , 1544-1

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/5/2006 **Report #** 318

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 90

WIND SPEED: 2.00 to 8.00 MPH **Direction** Variable

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE: 1.5 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 59+60/137 feet east of pay profile line no. CG12

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provid
beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 20.5 hrs.
removing and delivering approx. 46,907 gross cys. of beachfill.
Shore crew placing beach fill.
2 dozers worked on beach fill final grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.

Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfill.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whet
or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- under repair
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable-idle
(2) Polaris Ranger 6X6 ATV-operable-idle
Honda 300 4X4 ATV-operable-idle

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds o protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-9:00 AM to 9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:30 PM to 5:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repai
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taker
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borr areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with proje permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and wo performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 100 Page: 1 of 2 Date: 5-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	933.00	1187.83	305.42				2426.25
Operating Time		20.50		20.50	745.75	890.92	208.00				1844.67
% of Total Time		85%		85%	80%	75%	68%				76%
Lost Time		3.50		3.50	149.00	262.58	97.42				509.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		46,907		46,907	2,050,105	2,067,764	502,852				4,620,721
Adjustments											
Avg. Gross Cys					52,736	41,779	39,515				
Gross CY/Hr		2,288		2,288	2,749	2,321	2,418				2,505
Gross Width		300									
% of Gross											
Avg. Gross Face		7.9									
Start Station	16+70	6+80	7+80								
End Station	18+40	3+85	7+10								
Advance		535		535	60,958	16,928	5,709				83,595
Avg. Advance					1,568	342	449				34
Adv. Ft/Hr		26.1		26.1	82	19	27				45
Coverage		160,500		160,500	12,526,400	4,875,900	1,712,700				19,115,000
Avg. Coverage					322,223	98,517	134,586				189,082
Coverage/Hr		7,829		7,829							
Req. Grade + O.D.		30-32									
Dredged Elev.		30-32									
Set Size		10									
Material Type		SAND									

Revised Copy

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys											
Pay CY/Hr											
Gross Cys											
Gross CY/Hr											
% of Gross											
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:20	5+75	5.25	135	26	8,912	1,698

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021　　Location: Chaland Headland Restoration

Dredge: *TOM JAMES*　　Report Number: 100　　　　Date: 5-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						327						
Rack						31						
Horsepower						4723						
Exhaust Temp.						924						
Dredge Fuel						4905						
Pump RPM						300						
In Pressure						45						
Out Pressure					45	156						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		15,060		Velocity		13.0	
Shore Line							
Rubber Line							
Total Line Length		16,660					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			105.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.42	37.33
Traffic			6.67
Move Dredge	2	1.67	78.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.50
Operational Total	7	2.08	277.16
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	1	1.17	84.58
Cutter RPR	1	0.25	4.92
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			11.83
Mechanical Total	2	1.42	130.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	3.50	531.50

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
06:25	07:30	Stop Cut 18 SS 15+90 - Move dredge to Cut 21 SS 9+30	1:05
18:10	18:45	Stop Cut 21 SS 6+35 - Move dredge to Cut 20 SS 10+30	0:35
18:45	19:00	Change 3 cutter teeth & grease ladder	0:15
20:05	21:15	Weld patch over hole in Main Pump	1:10
	0:25	Move Anchors (5X)	0:25
		TOTAL	3:30

REMARKS:

Continued digging sand this day. Advanced 170' in Cut 18 removing available stripped sand, moved
dredge to Cut 21 and advanced 295', then moved over to Cut 20 and advanced another 70'.
At 11:00 AM, the fill asked to raise the ladder from depth -36' up to -32' because of mud in the mate
At 2:00 PM, was asked to lower the ladder from depth -32' to -33'.

Prepared By: **Jason Settle**　　Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/6/2006 **Report #** 319

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 90

WIND SPEED: 2.00 to 8.00 MPH **Direction** Variable

WAVE HEIGHT AT:

Borrow Site	2 to 3	Swell
Fill Area	2 to3	Feet
Wave Direction	S	

TIDE: 1.5 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 64+80/172 feet east of pay profile line no. CG13

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 20.83 hrs. removing and delivering approx. 39,337 gross cys. of beachfill.
Shore crew placing beach fill.
3 dozers worked on beach fill final grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed. Survey Crew pulled stakes from STA. - 5+00 to 38+88 beach only.

B. Subcontractor: Erosion Control Services
Fencing crew constructing fence on both north side and south side, complete on north side from 29+22 to 36+92.
South side complete from 32+21 to 36+76.

Toro post auger- operating
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfill.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 9:00 AM to 10:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:30 PM to 6:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 101 Page: 1 of 2 Date: 6-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	933.00	1211.83	305.42				2450.25
Operating Time		20.83		20.83	745.75	911.75	208.00				1865.50
% of Total Time		87%		87%	80%	75%	68%				76%
Lost Time		3.17		3.17	149.00	265.75	97.42				512.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		39,337		39,337	2,050,105	2,107,101	502,852				4,660,058
Adjustments											
Avg. Gross Cys					52,736	41,731	39,515				
Gross CY/Hr		1,888		1,888	2,749	2,311	2,418				2,498
Gross Width		250									
% of Gross											
Avg. Gross Face		7.1									
Start Station		7+10									
End Station		1+12									
Advance		598		598	60,958	17,526	5,709				84,193
Avg. Advance					1,568	347	449				34
Adv. Ft/Hr		28.7		28.7	82	19	27				45
Coverage		149,500		149,500	12,526,400	5,025,400	1,712,700				19,264,500
Avg. Coverage					322,223	99,527	134,586				188,694
Coverage/Hr		7,176		7,176							
Req. Grade + O.D.		30-32 + 5									
Dredged Elev.		30-32 + 5									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		19,668		19,668		700,867	288,431				989,298
Pay CY/Hr		944		944		769	1,387				530
Gross Cys		39,337		39,337		2,107,101	502,852				2,609,953
Gross CY/Hr		1,888		1,888		2,311	2,418				1,399
% of Gross		50%		50%		33%	57%				38%
Start Station		59+60									
End Station		64+80									
Advance		520		520		520					520
Adv. Ft/Hr		25		25		1					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	5+96	5.08	176	35	8,234	1,620

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 101 Page: 2 of 2 Date: 6-Sep-06

ENGINE ROOM & PUMP INFORMATION

	Stripping				Beach				Marsh			
ITEM	**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**	
Engine RPM						329						
Rack						32						
Horsepower						6179						
Exhaust Temp.						913						
Dredge Fuel						8542						
Pump RPM						301						
In Pressure						50						
Out Pressure					50	175						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	**Stripping**	**Beach**	**Marsh**	**ITEM**	**Stripping**	**Beach**	**Marsh**
Rubber Line		1,600		Lift		1.0	
Submerged Line		15,060		Velocity		13.8	
Shore Line		3,498					
Rubber Line							
Total Line Length		20,158					

CUTTER

Type	Super Sand Cutter
No. of Blade	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	**# STOPS TODAY**	**HOURS TODAY**	**HOURS TO DATE**
Shore Line/ Work	3	1.75	107.33
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	7	0.58	37.92
Traffic			6.67
Move Dredge			78.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.50
Operational Total	10	2.33	279.50
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	1	0.83	85.42
Cutter RPR			4.92
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			11.83
Mechanical Total	1	0.83	130.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	3.17	534.66

LEVERMAN'S LOG

Stop Time	**Start Time**	**Delays**	**Lost Time**
01:35	02:30	Fill - dike repair	0:55
05:10	06:00	Pump Repair - welded path over hole in Main Pump	0:50
18:00	18:20	Fill - adding pipe to shore line	0:20
21:40	22:10	Fill - building dikes	0:30
	0:35	Move Anchors (7X)	0:35
		Added a total of 35 pieces of pipe on the fill this day	
		TOTAL	3:10

REMARKS:

Continued digging sand from Cut 20 at a depth of -33', At 10:00, was asked to drop the ladder dow
-34', then at 16:00 was asked to go down to -35'.
Between Sta 3+00 to Sta 1+12 in Cut 20, the dredge was digging 150 foot wide - bringing the total
Gross Width down from the usual 300 feet to 250 feet.

Prepared By: **Jason Settle** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/7/2006 **Report #** 320

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 3	Swell
Fill Area	2 to3	Feet
Wave Direction	SW	

TIDE: 1.5 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 16.08 hr: removing and delivering approx. 38,886 gross cys. of beachfill.
Shore crew placing beach fill.
3 dozers worked on beach fill / final grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew constructing fence on south side from 32+21 to 27+71.

Toro post auger- operating
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating
D6- # 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfill.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 9:00 AM to 10:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 6:30 PM to 7:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 102 Page: 1 of 2 Date: 7-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	933.00	1235.83	305.42				2474.25
Operating Time		16.08		16.08	745.75	927.83	208.00				1881.58
% of Total Time		67%		67%	80%	75%	68%				76%
Lost Time		7.92		7.92	149.00	273.67	97.42				520.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		38,886		38,886	2,050,105	2,145,987	502,852				4,698,944
Adjustments											
Avg. Gross Cys					52,736	41,675	39,515				
Gross CY/Hr		2,418		2,418	2,749	2,313	2,418				2,497
Gross Width		279									
% of Gross											
Avg. Gross Face		8.2									
Start Station	1+12	7+10									
End Station	0+50	3+15									
Advance		457		457	60,958	17,983	5,709				84,650
Avg. Advance					1,568	349	449				34
Adv. Ft/Hr		28.4		28.4	82	19	27				45
Coverage		127,503		127,503	12,526,400	5,152,903	1,712,700				19,392,003
Avg. Coverage					322,223	100,070	134,586				188,101
Coverage/Hr		7,928		7,928							
Req. Grade + O.D.		30-32 + 5									
Dredged Elev.		30-32 + 5									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		19,434		19,434		1,069,434	288,431				1,357,865
Pay CY/Hr		1,208		1,208		1,153	1,387				722
Gross Cys		38,868		38,868		2,145,969	502,852				2,648,821
Gross CY/Hr		2,417		2,417		2,313	2,418				1,408
% of Gross		50%		50%		49%	57%				51%
Start Station		64+80									
End Station		72+30									
Advance		750		750		750					750
Adv. Ft/Hr		47		47		1					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:30	1+70	5.92	145	25	15,254	2,578

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 102 Page: 2 of 2 Date: 7-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						524						
Rack						30						
Horsepower						5596						
Exhaust Temp.						920						
Dredge Fuel						4983						
Pump RPM						299						
In Pressure						46						
Out Pressure					46	160						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		15,060		Velocity		13.2	
Shore Line							
Rubber Line							
Total Line Length		16,660					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	7.67	115.00
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	3	0.25	38.17
Traffic			6.67
Move Dredge			78.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.50
Operational Total	5	7.92	287.41
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			85.42
Cutter RPR			4.92
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out			11.83
Mechanical Total			130.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	7.92	542.58

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:50	01:40	Fill - piping up on all 3 lines & building up dikes. Moved dredge	0:50
		from Cut 20 SS 3+00 to Cut 19 SS 9+60.	
09:00	15:50	Fill - moved Y valves. Dredge washed out the line & changed	6:50
		2 teeth on the cutter.	
	0:15	Move anchors (3X)	0:15
		Total pipe added on the fill this day: 12	
		TOTAL	7:55

REMARKS:

The dredge continued digging sand this day, finishing Cut 20, then moving over into Cut 19.
The 145 ft. advance for Cut 20 (listed under the Stripping column) was dug at a gross width of 150 ft. This brought the average gross width down from the usual 300 ft. to 279 ft.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/8/2006 **Report #** 321

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	2 to 3	Swell
Fill Area	2 to3	Feet
Wave Direction	E	

TIDE: 1.5 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 20.92 hr: removing and delivering approx. 49,416 gross cys. of beachfill.
Shore crew placing beach fill.
4 dozers worked on beach fill / final grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew constructing fence on south side from 27+71 to 19+25.
North side from 32+21 to 18+00.

Toro post auger- operating
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
Marsh Buggy 879 - operating
Marsh Buggy 878 -operating
D6- # 8827- operating
D6- # 8848- operating
D6- # 8849- operating
D6-# 8835- operating

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfill.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whethe or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D6- # 8850- under repair
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 8:00 AM to 9:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:30 PM to 6:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 103 Page: 1 of 2 Date: 8-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	933.00	1259.83	305.42				2498.25
Operating Time		20.92		20.92	745.75	948.75	208.00				1902.50
% of Total Time		87%		87%	80%	75%	68%				76%
Lost Time		3.08		3.08	149.00	276.75	97.42				523.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		49,416		49,416	2,050,105	2,195,403	502,852				4,748,360
Adjustments											
Avg. Gross Cys					52,736	41,823	39,515				
Gross CY/Hr		2,363		2,363	2,749	2,314	2,418				2,496
Gross Width		300									
% of Gross											
Avg. Gross Face		8.1									
Start Station	3+15	5+28									
End Station	-0+50	3+45									
Advance		548		548	60,958	18,531	5,709				85,198
Avg. Advance					1,568	353	449				34
Adv. Ft/Hr		26.2		26.2	82	20	27				45
Coverage		164,400		164,400	12,526,400	5,317,303	1,712,700				19,556,403
Avg. Coverage					322,223	101,295	134,586				187,873
Coverage/Hr		7,860		7,860							
Req. Grade + O.D.		28-32 + 5									
Dredged Elev.		33.5									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		24,708		24,708		1,094,142	288,431				1,382,573
Pay CY/Hr		1,181		1,181		1,153	1,387				727
Gross Cys		49,416		49,416		2,195,385	502,852				2,698,237
Gross CY/Hr		2,363		2,363		2,314	2,418				1,418
% of Gross		50%		50%		50%	57%				51%
Start Station		72+30									
End Station		72+30									
Advance		O									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:50	1+50	6.17	195	32	14,575	2,364

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 103 Page: 2 of 2 Date: 8-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						338						
Rack						70						
Horsepower						5049						
Exhaust Temp.						915						
Dredge Fuel						8204						
Pump RPM						310						
In Pressure						47						
Out Pressure					47	161						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600		Lift		1.0		Type	Super Sand Cutter
Submerged Line		15,060		Velocity		12.5		No. of Blades	6
Shore Line								Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length		16,660							

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	1.00	116.00
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	4	0.33	38.50
Traffic			6.67
Move Dredge	1	0.92	79.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.50
Operational Total	7	2.25	289.66
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			85.42
Cutter RPR			4.92
Spud RPR			2.08
Electrical			0.92
Eng Rm In			25.67
Eng Rm Out	1	0.83	12.67
Mechanical Total	1	0.83	131.67
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	3.08	545.66

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
03:25	03:55	Fill - add pipe and push up levees	0:30
15:45	16:40	Move dredge - stopped SS 2+00 Cut 19, moved to SS 7+78	0:55
		Cut 14	
16:40	17:30	Eng. Room - oil cooler main engine	0:50
17:30	18:00	Fill - move shore pipe	0:30
	0:20	Move Anchors (4X)	0:20
		6:00 PM - digging -35.5	
		TOTAL	3:05

REMARKS:

The dredge continued to pump sand to the fill - we finished with Cut 19 at around 4 PM and moved the dredge to Cut 14. The start and stop stations for Cut 19 are listed under the "Stripping" column, while the start and stop stations for Cut 14 are listed under "Beach". Cut 19 had 365 ft. of advance, Cut 14 had 183 ft. The total advance for today was 548 ft.

Prepared By: **Jason Settle** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/9/2006 **Report #** 322

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	2 to 3	Swell
Fill Area	2 to3	Feet
Wave Direction	E	

TIDE: 1.8 AM Morning tide
- 0.1 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 19.50 hrs. removing and delivering approx. 48,161 gross cys. of beachfill.
Shore crew placing beach fill.
4 dozers worked on beach fill / grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed.
The tug boat Augustus arrived today and brought dozer D4 # 8824 and took D6 # 8850 off the project.
It also retrieved the water barge for refill.

B. Subcontractor: Erosion Control Services
Fencing crew finished constructing north side fence 18+00 to 16+02

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D4- # 8824- operable
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 9:30 AM to 10:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:30 PM to 6:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 104 Page: 1 of 2 Date: 9-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	933.00	1283.83	305.42				2522.25
Operating Time		19.50		19.50	745.75	968.25	208.00				1922.00
% of Total Time		81%		81%	80%	75%	68%				76%
Lost Time		4.50		4.50	149.00	281.25	97.42				527.67
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		48,161		48,161	2,050,105	2,243,564	502,852				4,796,521
Adjustments											
Avg. Gross Cys					52,736	41,941	39,515				
Gross CY/Hr		2,470		2,470	2,749	2,317	2,418				2,496
Gross Width		300									
% of Gross											
Avg. Gross Face		7.0									
Start Station	3+45	4+80									
End Station	-0+20	7+30									
Advance		615		615	60,958	19,146	5,709				85,813
Avg. Advance					1,568	358	449				34
Adv. Ft/Hr		31.5		31.5	82	20	27				45
Coverage		184,500		184,500	12,526,400	5,501,803	1,712,700				19,740,903
Avg. Coverage					322,223	102,851	134,586				187,841
Coverage/Hr		9,462		9,462							
Req. Grade + O.D.		32 + 5									
Dredged Elev.		33.5									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		24,080		24,080		1,118,222	288,431				1,406,653
Pay CY/Hr		1,235		1,235		1,155	1,387				732
Gross Cys		48,161		48,161		2,243,546	502,852				2,746,398
Gross CY/Hr		2,470		2,470		2,317	2,418				1,429
% of Gross		50%		50%		50%	57%				51%
Start Station		72+30									
End Station		72+30									
Advance		O									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:30	8+84	6.33	154	24	14,725	2,325

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 104 Page: 2 of 2 Date: 9-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						333						
Rack						32						
Horsepower						5572						
Exhaust Temp.						944						
Dredge Fuel						6506						
Pump RPM						302						
In Pressure						50						
Out Pressure					50	172						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		15,060		Velocity		13.7	
Shore Line		4,248					
Rubber Line							
Total Line Length		20,908					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.58	116.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.33	38.83
Traffic			6.67
Move Dredge	1	0.25	79.83
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.50
Operational Total	7	1.17	290.83
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			85.42
Cutter RPR			4.92
Spud RPR			2.08
Electrical			0.92
Eng Rm In	1	3.33	29.00
Eng Rm Out			12.67
Mechanical Total	1	3.33	135.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	4.50	550.16

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
03:20	03:55	Fill - build up dikes	0:35
08:00	11:20	Engine Room - Service water pipe broke	3:20
14:50	15:05	Move dredge - turn dredge around - SS 2+30 Cut 14	0:15
	0:20	Move anchors (5X)	0:20
		1:00 AM - was digging -35.5, now digging -35.0	
		TOTAL	4:30

REMARKS:

The dredge continues to pump sand from Cut 14 to the fill. When we started digging sand from Cut 14 on the 8th (Friday), we were digging down-station. Today, we reached the beginning of Cut 14 (Sta 0+00), truned the dredge around, and are now digging up-station.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/10/2006 **Report #** 323

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	2 to 3	Swell
Fill Area	2 to3	Feet
Wave Direction	E	

TIDE: 1.8 AM Morning tide
- 0.1 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 23.5 hrs. removing and delivering approx. 46,598 gross cys. of beachfill.
Shore crew placing beach fill.
4 dozers worked on beach fill / grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D4- # 8824- operable
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - Down for repair.
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 8:30 AM to 9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:30 PM to 6:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 105 Page: 1 of 2 Date: 10-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	933.00	1307.83	305.42				2546.25
Operating Time		23.50		23.50	745.75	991.75	208.00				1945.50
% of Total Time		98%		98%	80%	76%	68%				76%
Lost Time		0.50		0.50	149.00	281.75	97.42				528.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		46,598		46,598	2,050,105	2,290,162	502,852				4,843,119
Adjustments											
Avg. Gross Cys					52,736	42,027	39,515				
Gross CY/Hr		1,983		1,983	2,749	2,309	2,418				2,489
Gross Width		300									
% of Gross											
Avg. Gross Face		8.1									
Start Station		7+30									
End Station		12+50									
Advance		520		520	60,958	19,666	5,709				86,333
Avg. Advance					1,568	361	449				34
Adv. Ft/Hr		22.1		22.1	82	20	27				44
Coverage		156,000		156,000	12,526,400	5,657,803	1,712,700				19,896,903
Avg. Coverage					322,223	103,826	134,586				187,541
Coverage/Hr		6,638		6,638							
Req. Grade + O.D.		32 + 5									
Dredged Elev.		34									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		23,299		23,299		1,141,521	288,431				1,429,952
Pay CY/Hr		991		991		1,151	1,387				735
Gross Cys		46,598		46,598		2,290,144	502,852				2,792,996
Gross CY/Hr		1,983		1,983		2,309	2,418				1,436
% of Gross		50%		50%		50%	57%				51%
Start Station		72+30									
End Station		72+30									
Advance		O									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:25	14+00	6.33	150	24	13,758	2,172

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 105 Page: 2 of 2 Date: 10-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						339						
Rack						31						
Horsepower						5621						
Exhaust Temp.						936						
Dredge Fuel						8141						
Pump RPM						307						
In Pressure						46						
Out Pressure					46	170						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		15,060		Velocity		13.1	
Shore Line		4,248					
Rubber Line							
Total Line Length		20,908					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	39.33
Traffic			6.67
Move Dredge			79.83
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.50
Operational Total	6	0.50	291.33
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			85.42
Cutter RPR			4.92
Spud RPR			2.08
Electrical			0.92
Eng Rm In			29.00
Eng Rm Out			12.67
Mechanical Total			135.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	0.50	550.66

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
	0:30	Move Anchors (6X)	0:30
		2:30 AM - Was digging -36.5, now digging -35.5	
		5:00 PM - Was digging -36.5, now digging -35.5	
		Total pipe added on fill this day: 1	
		TOTAL	0:30

REMARKS:

The dredge continues to pump sand from Cut 14 to the fill. We continue to encounter hard packed sand in this area.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/11/2006 **Report #** 324

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 94

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	SE	

TIDE: 1.3 AM Morning tide
0.2 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 22.0 hrs. removing and delivering approx. 46,178 gross cys. of beachfill.
Shore crew placing beach fill.
4 dozers worked on beach fill / grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D4- # 8824- operable
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 9:30 AM to10:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:00 PM to 6:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 106 Page: 1 of 2 Date: 11-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	933.00	1331.83	305.42				2570.25
Operating Time		22.00		22.00	745.75	1013.75	208.00				1967.50
% of Total Time		92%		92%	80%	76%	68%				77%
Lost Time		2.00		2.00	149.00	283.75	97.42				530.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		46,178		46,178	2,050,105	2,336,340	502,852				4,889,297
Adjustments											
Avg. Gross Cys					52,736	42,101	39,515				
Gross CY/Hr		2,099		2,099	2,749	2,305	2,418				2,485
Gross Width		300									
% of Gross											
Avg. Gross Face		8.3									
Start Station		12+50									
End Station		17+50									
Advance		500		500	60,958	20,166	5,709				86,833
Avg. Advance					1,568	363	449				34
Adv. Ft/Hr		22.7		22.7	82	20	27				44
Coverage		150,000		150,000	12,526,400	5,807,803	1,712,700				20,046,903
Avg. Coverage					322,223	104,658	134,586				187,190
Coverage/Hr		6,818		6,818							
Req. Grade + O.D.		32 + 5									
Dredged Elev.		34									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		23,089		23,089		1,164,610	288,431				1,453,041
Pay CY/Hr		1,050		1,050		1,149	1,387				739
Gross Cys		46,178		46,178		2,336,322	502,852				2,839,174
Gross CY/Hr		2,099		2,099		2,305	2,418				1,443
% of Gross		50%		50%		50%	57%				51%
Start Station		72+30									
End Station		72+30									
Advance		O									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:25	19+08	6.08	158	26	14,141	2,325

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 106 Page: 2 of 2 Date: 11-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						332						
Rack						32						
Horsepower						5826						
Exhaust Temp.						952						
Dredge Fuel						6928						
Pump RPM						303						
In Pressure						44						
Out Pressure					44	179						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		15,060		Velocity		13.7	
Shore Line		4,248					
Rubber Line							
Total Line Length		20,908					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	6	0.50	39.83
Traffic			6.67
Move Dredge			79.83
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.50
Operational Total	6	0.50	291.83
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			85.42
Cutter RPR	1	0.17	5.08
Spud RPR			2.08
Electrical			0.92
Eng Rm In	1	1.33	30.33
Eng Rm Out			12.67
Mechanical Total	2	1.50	136.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	2.00	552.66

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
11:55	13:15	Change 5 cutter teeth & change ring on main engine manifold	1:20
16:55	17:05	Check cutter teeth - all teeth okay.	0:10
	0:30	Move anchors (6X)	0:30
		TOTAL	2:00

REMARKS:

The dredge continues to pump sand from Cut 14 to the fill.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/12/2006 **Report #** 325

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 78 Max. 92

WIND SPEED: 0.00 to 5.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	0 to 2	Swell
Fill Area	0 to 2	Feet
Wave Direction	S	

TIDE: 1.4 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 23.15 hrs. removing and delivering approx. 46,303 gross cys. of beachfill.
Shore crew placing beach fill.
5 dozers worked on beach fill / grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D4- # 8824- operable
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 8:30 AM to9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 6:00 PM to 7:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 107 Page: 1 of 2 Date: 12-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	933.00	1355.83	305.42				2594.25
Operating Time		22.67		22.67	745.75	1036.42	208.00				1990.17
% of Total Time		94%		94%	80%	76%	68%				77%
Lost Time		1.33		1.33	149.00	285.08	97.42				531.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		46,304		46,304	2,050,105	2,382,644	502,852				4,935,601
Adjustments											
Avg. Gross Cys					52,736	42,176	39,515				
Gross CY/Hr		2,043		2,043	2,749	2,299	2,418				2,480
Gross Width		300									
% of Gross											
Avg. Gross Face		7.3									
Start Station		17+50									
End Station		23+20									
Advance		570		570	60,958	20,736	5,709				87,403
Avg. Advance					1,568	367	449				34
Adv. Ft/Hr		25.1		25.1	82	20	27				44
Coverage		171,000		171,000	12,526,400	5,978,803	1,712,700				20,217,903
Avg. Coverage					322,223	105,833	134,586				187,040
Coverage/Hr		7,544		7,544							
Req. Grade + O.D.		32 + 5									
Dredged Elev.		34.5									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		23,151		23,151		1,187,761	288,431				1,476,192
Pay CY/Hr		1,021		1,021		1,146	1,387				742
Gross Cys		46,304		46,304		2,382,626	502,852				2,885,478
Gross CY/Hr		2,043		2,043		2,299	2,418				1,450
% of Gross		50%		50%		50%	57%				51%
Start Station		72+30									
End Station		72+30									
Advance		O									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:40	9+72	5.83	272	47	10,701	1,834

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 107 Page: 2 of 2 Date: 12-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						323						
Rack						28						
Horsepower						7100						
Exhaust Temp.						964						
Dredge Fuel						8013						
Pump RPM						306						
In Pressure						44						
Out Pressure					44	180						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		1.0	
Submerged Line		15,060		Velocity		13.2	
Shore Line		4,248					
Rubber Line							
Total Line Length		20,908					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	7	0.58	40.42
Traffic			6.67
Move Dredge			79.83
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			28.50
Operational Total	7	0.58	292.41
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			85.42
Cutter RPR	3	0.75	5.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.33
Eng Rm Out			12.67
Mechanical Total	3	0.75	137.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	1.33	554.00

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:15	00:30	Check cutter teeth - teeth okay	0:15
07:35	07:50	Check cutter teeth - teeth okay	0:15
14:25	14:40	Check cutter teeth - teeth okay	0:15
	0:35	Move anchors (7X)	0:35
		TOTAL	1:20

REMARKS:

The dredge continues to pump sand from Cut 14 to the fill.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/13/2006 **Report #** 326

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 89

WIND SPEED: 0.00 to 5.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	0 to 2	Swell
Fill Area	0 to 2	Feet
Wave Direction	S	

TIDE: 1.4 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 22.00 hrs. removing and delivering approx. 43,125 gross cys. of beachfill.
Shore crew placing beach fill.
5 dozers worked on beach fill / grade.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D4- # 8824- operable
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol- 8:30 AM to 9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 5:00 PM to 6:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 108 Page: 1 of 2 Date: 13-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	933.00	1379.83	305.42				2618.25
Operating Time		22.00		22.00	745.75	1058.42	208.00				2012.17
% of Total Time		92%		92%	80%	77%	68%				77%
Lost Time		2.00		2.00	149.00	287.08	97.42				533.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		43,125		43,125	2,050,105	2,425,769	502,852				4,978,726
Adjustments											
Avg. Gross Cys					52,736	42,192	39,515				
Gross CY/Hr		1,960		1,960	2,749	2,292	2,418				2,474
Gross Width		253									
% of Gross											
Avg. Gross Face		6.8									
Start Station		24+20	7+50								
End Station		24+40	14+10								
Advance		680		680	60,958	21,416	5,709				88,083
Avg. Advance					1,568	372	449				34
Adv. Ft/Hr		30.9		30.9	82	20	27				44
Coverage		172,040		172,040	12,526,400	6,150,843	1,712,700				20,389,943
Avg. Coverage					322,223	106,984	134,586				186,903
Coverage/Hr		7,820		7,820							
Req. Grade + O.D.		32 + 5									
Dredged Elev.		36.5									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		21,563		21,563		1,209,324	288,431				1,497,755
Pay CY/Hr		980		980		1,143	1,387				744
Gross Cys		43,125		43,125		2,426,751	502,852				2,929,603
Gross CY/Hr		1,960		1,960		2,293	2,418				1,456
% of Gross		50%		50%		50%	57%				50%
Start Station		72+30									
End Station		72+30									
Advance		O									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	18+56	5.33	246	46	9,726	1,824

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 108 Date: 13-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						321						
Rack						32						
Horsepower						5708						
Exhaust Temp.						950						
Dredge Fuel						9055						
Pump RPM						290						
In Pressure						44						
Out Pressure					44	174						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		15,140		Velocity		13.3	
Shore Line		4,248					
Rubber Line							
Total Line Length		20,988					

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline			4.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.42	40.83
Traffic			6.67
Move Dredge	1	0.58	80.42
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	3	0.75	29.25
Operational Total	9	1.75	294.16
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	1	0.25	85.67
Cutter RPR			5.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.33
Eng Rm Out			12.67
Mechanical Total	1	0.25	137.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	2.00	556.00

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:40	01:15	Moved Dredge- from Cut14 SS 21+90 to Cut17A SS 5+00	0:35
01:15	01:25	Checked Cutter- found to be OK	0:10
07:00	07:15	Checked Cutter- found to be OK	0:15
14:10	14:30	Checked Cutter- found to be OK	0:20
17:55	18:10	Main Pump RPR- packed pump and change cutter teeth (3)	0:15
	00:25	Moved Anchors (5X)	0:25
		TOTAL	2:00

REMARKS:
Continued to pump sand on fill all day- Finished Cut14, then moved over into Cut 17A.
20 ft. advance for Cut14 (listed under Beach column) was dug at gross width of 150 ft.& 660 ft. adv
Cut 17A (listed under Marsh column) 300 ft. of that was dug at gross width of 150 ft. The average C
Width was calculated to be 253 feet. Adjusted Subline length to more accurate number.

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/14/2006 **Report #** 327

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Clear **TEMPERATURE:** Min. 79 Max. 89

WIND SPEED: 0.00 to 5.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	0 to 2	Swell
Fill Area	0 to 2	Feet
Wave Direction	S	

TIDE: 1.8 AM Morning tide
0.0 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 53+40/0 feet east/west of pay profile line no. CG 11

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 18.58.00 hrs. Dredging and delivering approx. 31,050 gross cys. of beachfill to the beach. Stripping approx. 10,478 gross cys of overburden material. Overburden was discharged within the borrow area limits.
Shore crew placing beach fill and moving pipe.
5 dozers worked on beach fill / grade and pipe relocation.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continues beachfill operations .
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D4- # 8824- operable
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-7:30 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol- 3:00 PM to 4:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Nathan G.Johnson
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 109 Page: 1 of 2 Date: 14-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	6.42	17.58		24.00	939.42	1397.42	305.42				2642.25
Operating Time	6.25	12.33		18.58	752.00	1070.75	208.00				2030.75
% of Total Time	97%	70%		77%	80%	77%	68%				77%
Lost Time	0.17	5.25		5.42	149.17	292.33	97.42				538.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	10,478	31,050		41,528	2,060,583	2,456,819	502,852				5,020,254
Adjustments											
Avg. Gross Cys					52,643	42,195	39,515				
Gross CY/Hr	1,676	2,518		2,235	2,740	2,294	2,418				2,472
Gross Width	300	225									
% of Gross											
Avg. Gross Face	3.8	5.4									
Start Station	6+00	14+10	17+50								
End Station	8+50	15+50	23+00								
Advance	250	690		940	61,208	22,106	5,709				89,023
Avg. Advance					1,564	380	449				34
Adv. Ft/Hr	40.0	55.9		50.6	81	21	27				44
Coverage	75,000	155,250		230,250	12,601,400	6,306,093	1,712,700				20,620,193
Avg. Coverage					321,938	108,304	134,586				187,297
Coverage/Hr	12,000	12,588		12,390							
Req. Grade + O.D.	-17to-20	-32+5OD									
Dredged Elev.	-18.2	-36.2									
Set Size	10	10									
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		15,525		15,525		1,224,849	288,431				1,513,280
Pay CY/Hr		835		835		1,144	1,387				745
Gross Cys		31,050		31,050		2,457,801	502,852				2,960,653
Gross CY/Hr		2,518		1,671		2,295	2,418				1,458
% of Gross		50%		50%		50%	57%				51%
Start Station		72+30									
End Station		72+30									
Advance		O									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	10+07	5.75	157	27	6,359	1,106

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 109 Page: 2 of 2 Date: 14-Sep-06

ENGINE ROOM & PUMP INFORMATION

	Stripping				Beach				Marsh			
ITEM	**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**	
Engine RPM						245						
Rack						31						
Horsepower						4246						
Exhaust Temp.						817						
Dredge Fuel						4222						
Pump RPM						218						
In Pressure						22						
Out Pressure					22	56						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift	1.0	7.0	
Submerged Line		15,140		Velocity		30.8	
Shore Line		4,248					
Rubber Line							
Total Line Length	1,600	20,988					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			4.83
Sub Line Dredge			4.17
Clean Pipeline	1	1.00	5.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	8	0.67	41.50
Traffic			6.67
Move Dredge	2	2.92	83.33
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	2	0.83	30.08
Operational Total	13	5.42	299.58
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			85.67
Cutter RPR			5.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.33
Eng Rm Out			12.67
Mechanical Total			137.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	13	5.42	561.41

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
03:35	04:00	Moved Dredge- from Cut17A SS 13+00 to Cut16 SS 15+00	0:25
04:00	04:15	Check Cutter	0:15
13:30	14:30	Wash out line	1:00
14:30	17:00	Moved Dredge- from Cut16 SS 20+50 SND to Cut13 SS 3+50 Stripp	2:30
		Mud Over board, & welded cutter shaft	
17:00	17:35	add wire too bouy anchor on head anchor	0:35
	00:40	Moved anchors 8X	0:40
		TOTAL	5:25

REMARKS:

Continued to pump Sand on fill till 17:35- finished Cut17A, then moved over into Cut16. Finished Cut16-
then moved over into Cut13 Stripping mud overboard. 140' advance for Cut17A (listed in Beach column),
550' advance for Cut16 (listed in Marsh column), 690' had swing width of 225'
& 250' advance for Cut13 Mud (listed in Stripping Column)

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/15/2006 **Report #** 328

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 78 Max. 90

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 4	Swell
Fill Area	2 to 4	Feet
Wave Direction	SE	

TIDE: 1.5 AM Morning tide
0.0 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 64+00/92 feet east of pay profile line no. CG 13

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James worked performing dredging operations in the borrow site. The dredge operated 14.00 hrs.
Stripping approx. 19,698 gross cys of overburden material. Overburden was discharged within the borrow area limits.
The Dredge Tom James down for repairs at approx. 15:25.
Shore crew dressing beach fill and moving pipe.
5 dozers worked on beach fill / grade and pipe relocation.
2 marsh buggies assisting with beachfill and degrading high areas in marsh.
Survey crew continues to stake and replace stakes as needed.
Took some checks.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Dredge continued stripping operations until approx. 15:25.
Dredge depths were checked and the limits were not exceeded this date. (See attached swing files.)
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - down for repair.
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable-idle
D6- # 8827- operating
D4- # 8824- operable
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - down for repair

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-8:30 AM to 9:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:00 PM to 5:00 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions until approx. 15:25 and down for repairs.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? YES

Did borrow area buoys require resetting (Yes/No)? NO

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Again noted that survey checks are being taken daily in the borrow area and no overdredging is being discovered.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This form must include continuous plots of dredge locations and depths (swing files).

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 110 Page: 1 of 2 Date: 15-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	963.42	1397.42	305.42				2666.25
Operating Time	14.00			14.00	766.00	1070.75	208.00				2044.75
% of Total Time	58%			58%	80%	77%	68%				77%
Lost Time	10.00			10.00	159.17	292.33	97.42				548.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	19,698			19,698	2,080,280	2,456,819	502,852				5,039,951
Adjustments											
Avg. Gross Cys					51,823	42,195	39,515				
Gross CY/Hr	1,407			1,407	2,716	2,294	2,418				2,465
Gross Width	300										
% of Gross											
Avg. Gross Face	3.5										
Start Station	8+50										
End Station	13+50										
Advance	500			500	61,708	22,106	5,709				89,523
Avg. Advance					1,537	380	449				34
Adv. Ft/Hr	35.7			35.7	81	21	27				44
Coverage	150,000			150,000	12,751,400	6,306,093	1,712,700				20,770,193
Avg. Coverage					317,654	108,304	134,586				186,961
Coverage/Hr	10,714			10,714							
Req. Grade + O.D.	-17to-20										
Dredged Elev.	-16.8										
Set Size	10										
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				740
Gross Cys					10,478	2,457,801	502,852				2,971,131
Gross CY/Hr					14	2,295	2,418				1,453
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance		O									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	13+00	0'	0'	0'	0'	0'

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 110 Date: 15-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		245										
Rack		28										
Horsepower		4129										
Exhaust Temp.		845										
Dredge Fuel		4980										
Pump RPM		300										
In Pressure		45										
Out Pressure	45	58										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	13.6		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line	1	0.83	5.67
Sub Line Dredge			4.17
Clean Pipeline			5.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	5	0.42	41.92
Traffic			6.67
Move Dredge	1	3.25	86.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	1.50	31.58
Operational Total	8	6.00	305.58
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	1	0.58	86.25
Cutter RPR	1	3.42	9.25
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.33
Eng Rm Out			12.67
Mechanical Total	2	4.00	141.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	10.00	571.41

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:00	07:35	main pump-add packing , Grease Ladder, &Cutter teeth all "ok"	0:35
15:00	16:30	Add chain to head anchor bouy, weld on stone box, fix pipe on -	1:30
		cooler for under water pump. Stopped at Cut13 SS 11+00	
16:30	17:20	Take rubber line off & prepair to tow into Grand Isle for Repairs	0:50
17:20	20:35	Towing	3:15
20:35	24:00	Repairs on shaft and pump shell	3:25
	00:25	Moved Anchors 5X	0:25
		TOTAL	10:00

REMARKS:

Dredege down for repairs- towed into Grand Isle Barataria

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/16/2006 **Report #** 329

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 79 Max. 90

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 4	Swell
Fill Area	2 to 4	Feet
Wave Direction	SW	

TIDE: 1.5 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 64+00/92 feet east of pay profile line no. CG 13

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James down for repairs for 24.00 hours. (See DDR)
Shore crew dressing beach fill and moving pipe.
4 dozers worked on beach fill / grade and pipe relocation.
Survey crew continues to stake and replace stakes as needed.
Took some checks.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James down for repairs.
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - down for repair.
Weeks 878 Marsh Buggy- down for repairs
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- down for repairs
D6- # 8827- operating
D4- # 8824- down for repairs
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-8:00 AM to 9:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:30 PM to 5:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Under repair.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? N/A

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 111 Page: 1 of 2 Date: 16-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	987.42	1397.42	305.42				2690.25
Operating Time					766.00	1070.75	208.00				2044.75
% of Total Time					78%	77%	68%				76%
Lost Time	24.00			24.00	183.17	292.33	97.42				572.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	0.00				2,080,280	2,456,819	502,852				5,039,951
Adjustments											
Avg. Gross Cys					50,563	42,195	39,515				
Gross CY/Hr					2,716	2,294	2,418				2,465
Gross Width	0										
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance	0				61,708	22,106	5,709				89,523
Avg. Advance					1,500	380	449				33
Adv. Ft/Hr					81	21	27				44
Coverage					12,751,400	6,306,093	1,712,700				20,770,193
Avg. Coverage					309,934	108,304	134,586				185,293
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				740
Gross Cys						2,457,801	502,852				2,960,653
Gross CY/Hr						2,295	2,418				1,448
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+00		0'			

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 111 Date: 16-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.	Dredge Down all day for PUMP RPR											
Dredge Fuel												
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Max Working Vacuum												
Vane x Dia												
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift			
Submerged Line				Velocity			
Shore Line							
Rubber Line							
Total Line Length							

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			5.67
Sub Line Dredge			4.17
Clean Pipeline			5.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors			41.92
Traffic			6.67
Move Dredge			86.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			31.58
Operational Total			305.58
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR	1	24.00	110.25
Cutter RPR			9.25
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.33
Eng Rm Out			12.67
Mechanical Total	1	24.00	165.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	595.41

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	working on taking Cutter & Shaft out, and taking main pump apart.	24:00
		Changed out runner shaft in. Putting back door back on. Put pump	
		shell back on. Put front door back on , & clean up.	
		TOTAL	24:00

REMARKS:

Continued repair on shaft & Cutter

Prepared By: **Nicholas Marshall** Approved By: ____________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/17/2006 **Report #** 330

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 79 Max. 93

WIND SPEED: 5.00 to 10.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	2 to 4	Swell
Fill Area	2 to 4	Feet
Wave Direction	SW	

TIDE: 1.4 AM Morning tide
0.2 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 64+00/92 feet east of pay profile line no. CG 13

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James down for repairs for 24.00 hours. (See DDR)
Shore crew dressing beach fill and moving pipe.
5 dozers worked on beach fill / grade and pipe relocation.
Survey crew continues to stake and replace stakes as needed.
Took some checks on marsh.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James down for repairs.
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - down for repair.
Weeks 878 Marsh Buggy- down for repairs
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- down for repairs
D6- # 8827- operating
D4- # 8824- operating
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-7:30 AM to 8:30 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-4:30 PM to 5:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Under repair.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? N/A

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 112 Page: 1 of 2 Date: 17-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1011.42	1397.42	305.42				2714.25
Operating Time					766.00	1070.75	208.00				2044.75
% of Total Time					76%	77%	68%				75%
Lost Time	24.00			24.00	207.17	292.33	97.42				596.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					2,080,280	2,456,819	502,852				5,039,951
Adjustments											
Avg. Gross Cys					49,363	42,195	39,515				
Gross CY/Hr					2,716	2,294	2,418				2,465
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					61,708	22,106	5,709				89,523
Avg. Advance					1,464	380	449				33
Adv. Ft/Hr					81	21	27				44
Coverage					12,751,400	6,306,093	1,712,700				20,770,193
Avg. Coverage					302,579	108,304	134,586				183,655
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				740
Gross Cys						2,457,801	502,852				2,960,653
Gross CY/Hr						2,295	2,418				1,448
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+00		0'			

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 112 Date: 17-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.	Dredge down		due to Repairs									
Dredge Fuel												
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Max Working Vacuum												
Vane x Dia												
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift			
Submerged Line				Velocity			
Shore Line							
Rubber Line							
Total Line Length							

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			5.67
Sub Line Dredge			4.17
Clean Pipeline			5.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors			41.92
Traffic			6.67
Move Dredge			86.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			31.58
Operational Total			305.58
Weather Standby			101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			124.33
Pump RPR			110.25
Cutter RPR	1	24.00	33.25
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.33
Eng Rm Out			12.67
Mechanical Total	1	24.00	189.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	619.41

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	Finished putting main pump together and working on getting	24:00
		cutter shaft off. Put in new cutless bearing, and installed cutter shaf	
		TOTAL	24:00

REMARKS:

Dredge Down- in at Grand Isle for repairs

Prepared By: **Nicholas Marshall** Approved By: ______

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/18/2006 **Report #** 331

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 78 Max. 92

WIND SPEED: 10.00 to 15.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	4 to 6	Swell
Fill Area	4 to 6	Feet
Wave Direction	SW	

TIDE: 1.3 AM Morning tide
.3 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 64+00/92 feet east of pay profile line no. CG 13

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James was repaired, on stand-by due to weather. (See DDR)
Shore crew dressing beach fill and moving pipe.
3 dozers worked on beach fill / grade and pipe relocation.
Survey crew continues to stake and replace stakes as needed.
Took some checks on beach.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James down for repairs/weather.
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - down for repair/weather.
Weeks 878 Marsh Buggy- down for repairs
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- down for repairs
D6- # 8827- operating
D4- # 8824- under repair
D6- # 8849-under repair
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

Daily Patrol-8:00 AM to 9:00 AM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

Daily Patrol-3:30 PM to 4:30 PM - Daily bird patrol was conducted. The eastern, central, and western beach were observed. This includes the marsh and shoreline areas.
No nesting activity reported.

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Under repair/weather.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? N/A

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 113 Page: 1 of 2 Date: 18-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1035.42	1397.42	305.42				2738.25
Operating Time					766.00	1070.75	208.00				2044.75
% of Total Time					74%	77%	68%				75%
Lost Time	24.00			24.00	231.17	292.33	97.42				620.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	0				2,080,280	2,456,819	502,852				5,039,951
Adjustments											
Avg. Gross Cys					48,219	42,195	39,515				
Gross CY/Hr					2,716	2,294	2,418				2,465
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance	0				61,708	22,106	5,709				89,523
Avg. Advance					1,430	380	449				33
Adv. Ft/Hr					81	21	27				44
Coverage					12,751,400	6,306,093	1,712,700				20,770,193
Avg. Coverage					295,566	108,304	134,586				182,045
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				740
Gross Cys						2,457,801	502,852				2,960,653
Gross CY/Hr						2,295	2,418				1,448
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
Stand By Weather					

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 113 Date: 18-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel		**Standing by for weather after completing repairs to cutter shaft and main pump.**										
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Max Working Vacuum												
Vane x Dia												
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift			
Submerged Line				Velocity			
Shore Line							
Rubber Line							
Total Line Length							

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			5.67
Sub Line Dredge			4.17
Clean Pipeline			5.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors			41.92
Traffic			6.67
Move Dredge			86.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			31.58
Operational Total			305.58
Weather Standby	14		101.83
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	14		124.33
Pump RPR			110.25
Cutter RPR	10		33.25
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.33
Eng Rm Out			12.67
Mechanical Total	10		189.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	24		619.41

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	10:00	Continued repair to the cutter shaft bearing amd main pump.	10:00
10:00	24:00	Weather standing by , Cool front pushing through causing rough	14:00
		conditions to hook up,	
		While down, changed service water pipe in stern hole, and changed	
		stbd swing cable	
		TOTAL	24:00

REMARKS:

Prepared By: **Wm Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/19/2006 **Report #** 332

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 75 Max. 87

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 4	Swell
Fill Area	2 to 4	Feet
Wave Direction	SE	

TIDE: 1.3 AM Morning tide
.3 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 64+00/92 feet east of pay profile line no. CG 13

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The dredge Tom James was on location and had begun stripping at approx. 15:15 today.
The Tom James stripped approx. 20,803 gross cys. of overburden, which was discharged within the limits of the borrow area.
Operation time of 12. 17 hrs.
Shore crew dressing beach fill and moving pipe.
3 dozers worked on beach fill / grade and pipe relocation.
Survey crew took Ads with a rep from Fenstermaker and Assoc. from 42+00 to 52+00.

B. The Survey firm T. Baker Smith arrived on the 18th approx. 1:00 p.m. to begin locating oil and gas pipelines located in the footprint of the beach/marsh. They finished locating both a 24" Tennessee Gas Company high pressure gas line and a Hunt Oil Company 4" oil line this a.m.

C. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James continues beach/marsh fill operations.
Shore crew continues dressing where needed, moving pipe, placing beachfil

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- down for repairs
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- down for repairs
D6- # 8827- operating
D4- # 8824- under repair
D6- # 8849-under repair
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- under repair
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Operating

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 114 Page: 1 of 2 Date: 19-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1059.42	1397.42	305.42				2762.25
Operating Time	12.17			12.17	778.17	1070.75	208.00				2056.92
% of Total Time	51%			51%	73%	77%	68%				74%
Lost Time	11.83			11.83	243.00	292.33	97.42				632.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	20,803			20,803	2,101,083	2,456,819	502,852				5,060,754
Adjustments											
Avg. Gross Cys					47,598	42,195	39,515				
Gross CY/Hr	1,710			1,710	2,700	2,294	2,418				2,460
Gross Width	300										
% of Gross											
Avg. Gross Face	4.9										
Start Station	13+50										
End Station	17+35										
Advance	385			385	62,093	22,106	5,709				89,908
Avg. Advance					1,407	380	449				33
Adv. Ft/Hr	31.6			31.6	80	21	27				44
Coverage	115,500			115,500	12,866,900	6,306,093	1,712,700				20,885,693
Avg. Coverage					291,486	108,304	134,586				181,467
Coverage/Hr	9,493			9,493							
Req. Grade + O.D.	-20to-22										
Dredged Elev.	-19.5										
Set Size	10										
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				736
Gross Cys						2,457,801	502,852				2,960,653
Gross CY/Hr						2,295	2,418				1,439
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	19+20	5.92	185	31	10,072	1,702

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 114 Page: 2 of 2 Date: 19-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		242										
Rack		27										
Horsepower		4173										
Exhaust Temp.		791										
Dredge Fuel		4105										
Pump RPM		220										
In Pressure		16										
Out Pressure	16	56										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	31.0		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line	1	0.92	6.58
Sub Line Dredge			4.17
Clean Pipeline			5.33
Clean Pump			1.75
Clean Cutter/Suction			3.25
Anchors	3	0.25	42.17
Traffic			6.67
Move Dredge	1	3.25	89.83
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			31.58
Operational Total	5	4.42	310.00
Weather Standby	1	7.42	109.25
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	1	7.42	131.75
Pump RPR			110.25
Cutter RPR			33.25
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.33
Eng Rm Out			12.67
Mechanical Total			189.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	11.83	631.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	07:25	Weather Standby	7:25
07:25	10:40	Moved Dredge- from Grand Isle to Cut13Mud SS11+00	3:15
10:40	11:35	Rubber Line- set out anchors and hooked up discharge hose	0:55
	00:15	Moved Anchors- 3X	0:15
		TOTAL	11:50

REMARKS:

Weather Standby is included as down time at the top of page…

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/20/2006 **Report #** 333

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 73 Max. 86

WIND SPEED: 5.00 to 10.00 MPH **Direction** NW

WAVE HEIGHT AT: **TIDE:** 1.1 AM Morning tide

Borrow Site	1 to 2	Swell	.5 PM	Evening tide
Fill Area	1 to 2	Feet		
Wave Direction	S			

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 64+00/92 feet east of pay profile line no. CG 13

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The Tom James stripped approx. 49,937 gross cys. of overburden, which was discharged within the limits of the borrow area.
Shore crew dressing beach fill and moving pipe.
5 dozers worked on beach fill / grade and pipe relocation.
Dozer D6- # 8827 was replaced by D6 # 8846
Survey crew took Ads with a rep from Fenstermaker and Assoc. from 43+00, 48+00, 51+00 to 54+00.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James conducted stripping operations.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- down for repairs
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- down for repairs
D6- # 8827- Removed from job site
D4- # 8824- under repair
D6- # 8846- operating
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Operating
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 115 Page: 1 of 2 Date: 20-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1083.42	1397.42	305.42				2786.25
Operating Time	22.50			22.50	800.67	1070.75	208.00				2079.42
% of Total Time	94%			94%	74%	77%	68%				75%
Lost Time	1.50			1.50	244.50	292.33	97.42				634.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	49,937			49,937	2,151,020	2,456,819	502,852				5,110,691
Adjustments											
Avg. Gross Cys					47,650	42,195	39,515				
Gross CY/Hr	2,219			2,219	2,687	2,294	2,418				2,458
Gross Width	255										
% of Gross											
Avg. Gross Face	6.4										
Start Station	17+35	-0+10									
End Station	23+25	2+25									
Advance	825			825	62,918	22,106	5,709				90,733
Avg. Advance					1,394	380	449				33
Adv. Ft/Hr	36.7			36.7	79	21	27				44
Coverage	210,375			210,375	13,077,275	6,306,093	1,712,700				21,096,068
Avg. Coverage					289,690	108,304	134,586				181,716
Coverage/Hr	9,350			9,350							
Req. Grade + O.D.	-20to-22										
Dredged Elev.	-19.1										
Set Size	10										
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				728
Gross Cys						2,457,801	502,852				2,960,653
Gross CY/Hr						2,295	2,418				1,424
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	4+36	5.83	211	36	12,989	2,227

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 115 Page: 2 of 2 Date: 20-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		219										
Rack		25										
Horsepower		3540										
Exhaust Temp.		742										
Dredge Fuel		5299										
Pump RPM		199										
In Pressure		22										
Out Pressure	22	55										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600			Lift	1.0			Type	Super Sand Cutter
Submerged Line				Velocity	29.7			No. of Blades	6
Shore Line								Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length	1,600								

LOST TIME BREAKDOWN				LEVERMAN'S LOG			
DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work			116.58	17:10	17:55	Moved Dredge- from Cut13mud SS 20+75 to Cut22mud SS -2+60	0:45
Rubber Line			6.58	17:55	18:15	Changed Cutter Teeth (2)	0:20
Sub Line Dredge			4.17				
Clean Pipeline			5.33				
Clean Pump			1.75		00:25	Moved Anchors 5X	0:25
Clean Cutter/Suction			3.25				
Anchors	5	0.42	42.58				
Traffic			6.67				
Move Dredge	1	0.75	90.58				
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.			31.58				
Operational Total	6	1.17	311.16				
Weather Standby			109.25				
Weather Repairs			12.25				
Weather Moving			10.25				
Weather Total			131.75				
Pump RPR			110.25				
Cutter RPR	1	0.33	33.58				
Spud RPR			2.08				
Electrical			0.92				
Eng Rm In			30.33				
Eng Rm Out			12.67				
Mechanical Total	1	0.33	189.83	**REMARKS:**		TOTAL	1:30
Bstr (1) Deck				Finished cut13mud (Stripping column) and moved to cut22mud (Beach Column)			
Bstr (1) Eng Rm				Large andvance due to 255' average swing width			
Booster Total							
Total Lost Time	7	1.50	632.75				

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/21/2006 **Report #** 334

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly cloudy **TEMPERATURE:** Min. 73 Max. 86

WIND SPEED: 10.00 to 20.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 4	Swell
Fill Area	2 to 4	Feet
Wave Direction	SE	

TIDE: 1.0 AM Morning tide
0.7 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A. The Tom James stripped approx. 30,968 gross cys. of overburden, which was discharged within the limits of the borrow area.
Dredge was towed in at 16:40 due to high winds and rough seas.
1 Marsh Buggy, 3 Dozers dressing marsh area only from 7+24 to 53+40.
Survey crew took Ads with a rep from Fenstermaker and Assoc. from 55+00 - 67+91.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James down for weather after 16:40.
Shore crew dressing marsh area only from 7+24 to 53+40.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating/idle
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- down for repairs
D4- # 8824- under repair
D6- # 8846- operating
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating/idle
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable- idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Weather stand-by after 16:40.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Rep.'s from NOAA, and CPE prefromed A Hold Point Inspection, for the east end of the beach/dune alignment, from CG-23 to CG-31.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 116 Page: 1 of 2 Date: 21-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1107.42	1397.42	305.42				2810.25
Operating Time	15.08			15.08	815.75	1070.75	208.00				2094.50
% of Total Time	63%			63%	74%	77%	68%				75%
Lost Time	8.92			8.92	253.42	292.33	97.42				643.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	30,968			30,968	2,181,988	2,456,819	502,852				5,141,659
Adjustments											
Avg. Gross Cys					47,288	42,195	39,515				
Gross CY/Hr	2,053			2,053	2,675	2,294	2,418				2,455
Gross Width	300										
% of Gross											
Avg. Gross Face	5.7										
Start Station	2+25										
End Station	7+10										
Advance	485			485	63,403	22,106	5,709				91,218
Avg. Advance					1,374	380	449				32
Adv. Ft/Hr	32.2			32.2	78	21	27				44
Coverage	145,500			145,500	13,222,775	6,306,093	1,712,700				21,241,568
Avg. Coverage					286,565	108,304	134,586				181,407
Coverage/Hr	9,646			9,646							
Req. Grade + O.D.	-17to-22										
Dredged Elev.	-16.6										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				723
Gross Cys						2,457,801	502,852				2,960,653
Gross CY/Hr						2,295	2,418				1,414
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	7+10	0	0'	0'	0'	#VALUE!

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 116 Page: 2 of 2 Date: 21-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		0										
Rack		0										
Horsepower		0										
Exhaust Temp.		0										
Dredge Fuel		4405										
Pump RPM		0										
In Pressure		0										
Out Pressure	0	0										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	0		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line	1	0.58	7.17
Sub Line Dredge			4.17
Clean Pipeline			5.33
Clean Pump			1.75
Clean Cutter/Suction	1	0.17	3.42
Anchors	5	0.42	43.00
Traffic			6.67
Move Dredge	1	3.42	94.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			31.58
Operational Total	8	4.58	315.75
Weather Standby	1	3.92	113.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	1	3.92	135.67
Pump RPR			110.25
Cutter RPR			33.58
Spud RPR			2.08
Electrical			0.92
Eng Rm In	1	0.42	30.75
Eng Rm Out			12.67
Mechanical Total	1	0.42	190.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	8.92	641.66

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:40	07:50	Check cutter teeth "all teeth ok" & Grease Ladder	0:10
14:15	14:40	ER- Oil Leak "Radius bearing"	0:25
16:05	16:40	Prep - move from Cut22 SS 4+60 to harbor from high seas	0:35
16:40	20:05	Moved dredge- On Tow w/ "Delta Range"	3:25
20:05	24:00	Spud down in Safe Harbor	3:55
	00:25	Moved Anchors 5X	0:25
		TOTAL	8:55

REMARKS:

Dredge down due to high winds and rough seas- stanby time included in down time at top of page

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/22/2006 **Report #** 335

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 72 Max. 85

WIND SPEED: 15.00 to 20.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	3 to 5	Swell
Fill Area	3 to 5	Feet
Wave Direction	S	

TIDE: 0.6 AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A. The Tom James is down due to high winds and waves.
1 Marsh Buggy, 3 Dozers dressing marsh area only from 7+24 to 53+40.
Survey crew took checks from 82+00 to 92+00

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James down due to weather.
Shore crew dressing marsh area only from 7+24 to 53+40.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating/idle
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- under repair
D6- # 8846- operating
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating/idle
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Weather stand-by.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NA . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NA

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NA

Did borrow area buoys require resetting (Yes/No)? NA

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: No swing file for today. Yesterdays swing file is attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 117 Page: 1 of 2 Date: 22-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1131.42	1397.42	305.42				2834.25
Operating Time					815.75	1070.75	208.00				2094.50
% of Total Time					72%	77%	68%				74%
Lost Time	24.00			24.00	277.42	292.33	97.42				667.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					2,181,988	2,456,819	502,852				5,141,659
Adjustments											
Avg. Gross Cys					46,285	42,195	39,515				
Gross CY/Hr					2,675	2,294	2,418				2,455
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					63,403	22,106	5,709				91,218
Avg. Advance					1,345	380	449				32
Adv. Ft/Hr					78	21	27				44
Coverage					13,222,775	6,306,093	1,712,700				21,241,568
Avg. Coverage					280,486	108,304	134,586				179,870
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				723
Gross Cys						2,457,801	502,852				2,960,653
Gross CY/Hr						2,295	2,418				1,414
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	7+10	0	0'	#VALUE!	0'	#VALUE!

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 117 Page: 2 of 2 Date: 22-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		0										
Rack		0										
Horsepower		0										
Exhaust Temp.		0										
Dredge Fuel		929										
Pump RPM		0										
In Pressure		0										
Out Pressure	0	0										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4x84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	DREDGE DOWN ALL DAY			Lift			
Submerged Line				Velocity			
Shore Line							
Rubber Line							
Total Line Length							

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			7.17
Sub Line Dredge			4.17
Clean Pipeline			5.33
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors			43.00
Traffic			6.67
Move Dredge			94.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			31.58
Operational Total			315.75
Weather Standby	1	24.00	137.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	1	24.00	159.67
Pump RPR			110.25
Cutter RPR			33.58
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.75
Eng Rm Out			12.67
Mechanical Total			190.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	665.66

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	down dut to weather, repairs made during this time include; change port swing shieve, work on skadget tires on side of barge, & clean spud hoist room.	24:00
		TOTAL	24:00

REMARKS:

Weather standby is included as down time at the top of page 1

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/23/2006 **Report #** 336

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 72 Max. 85

WIND SPEED: 10.00 to 15.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	3 to 5	Swell
Fill Area	3 to 5	Feet
Wave Direction	S	

TIDE: 0.6 AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A. The Tom James is down due to high winds and waves.
1 Marsh Buggy, 3 Dozers dressing marsh area only from 7+24 to 53+40.
Survey crew took checks in marsh, located the pipes the survey firm T. Baker Smith marked out.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James down due to weather.
Shore crew dressing marsh area only from 7+24 to 53+40.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating/idle
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- under repair
D6- # 8846- operating
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating/idle
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Weather stand-by.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NA . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NA

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NA

Did borrow area buoys require resetting (Yes/No)? NA

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: No swing file for today.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 118 Page: 1 of 2 Date: 23-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1155.42	1397.42	305.42				2858.25
Operating Time					815.75	1070.75	208.00				2094.50
% of Total Time					71%	77%	68%				73%
Lost Time	24.00			24.00	301.42	292.33	97.42				691.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					2,181,988	2,456,819	502,852				5,141,659
Adjustments											
Avg. Gross Cys					45,324	42,195	39,515				
Gross CY/Hr					2,675	2,294	2,418				2,455
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					63,403	22,106	5,709				91,218
Avg. Advance					1,317	380	449				32
Adv. Ft/Hr					78	21	27				44
Coverage					13,222,775	6,306,093	1,712,700				21,241,568
Avg. Coverage					274,660	108,304	134,586				178,360
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				723
Gross Cys						2,457,801	502,852				2,960,653
Gross CY/Hr						2,295	2,418				1,414
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	7+10	0	0'		0'	

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 118 Page: 2 of 2 Date: 23-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		0										
Rack		0										
Horsepower		0										
Exhaust Temp.		0										
Dredge Fuel		753										
Pump RPM		0										
In Pressure		0										
Out Pressure	0	0										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift			
Submerged Line				Velocity			
Shore Line							
Rubber Line							
Total Line Length							

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			7.17
Sub Line Dredge			4.17
Clean Pipeline			5.33
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors			43.00
Traffic			6.67
Move Dredge			94.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			31.58
Operational Total			315.75
Weather Standby	24		137.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	24		159.67
Pump RPR			110.25
Cutter RPR			33.58
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.75
Eng Rm Out			12.67
Mechanical Total			190.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	24		665.66

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	Still down due to high seas and winds, spud down in Grand Isle Har	24:00

REMARKS:

Weather stanby time included as down time at the top of page one

TOTAL 24:00

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/24/2006 **Report #** 337

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy afternoon rain **TEMPERATURE:** Min. 72 Max. 85

WIND SPEED: 15.00 to 20.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	3 to 5	Swell
Fill Area	3 to 5	Feet
Wave Direction	N	

TIDE: 0.5 AM Morning tide
1.1 PM Evening tide

LOCATION OF DISCHARGE: 72+30/439 feet east of pay profile line no. CG14

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A. The Tom James was down before 12:00 then began stripping.
1 Marsh Buggy, 3 Dozers dressing marsh area only from 7+24 to 53+40.
Survey crew regraded stakes and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James down due to weather until 12:00, then began stripping.
Shore crew dressing marsh area only from 7+24 to 53+40.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating/idle
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- under repair
D6- # 8846- operating
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating/idle
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions after 12:00.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 119 Page: 1 of 2 Date: 24-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1179.42	1397.42	305.42				2882.25
Operating Time	11.50			11.50	827.25	1070.75	208.00				2106.00
% of Total Time	48%			48%	70%	77%	68%				73%
Lost Time	12.50			12.50	313.92	292.33	97.42				703.67
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	27,683			27,683	2,209,671	2,456,819	502,852				5,169,342
Adjustments											
Avg. Gross Cys					44,965	42,195	39,515				
Gross CY/Hr	2,407			2,407	2,671	2,294	2,418				2,455
Gross Width	300										
% of Gross											
Avg. Gross Face	6.2										
Start Station	7+10										
End Station	11+10										
Advance	400			400	63,803	22,106	5,709				91,618
Avg. Advance					1,298	380	449				32
Adv. Ft/Hr	34.8			34.8	77	21	27				44
Coverage	120,000			120,000	13,342,775	6,306,093	1,712,700				21,361,568
Avg. Coverage					271,513	108,304	134,586				177,874
Coverage/Hr	10,435			10,435							
Req. Grade + O.D.	-17										
Dredged Elev.	-16.7										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,224,849	288,431				1,513,280
Pay CY/Hr						1,144	1,387				719
Gross Cys						2,457,801	502,852				2,960,653
Gross CY/Hr						2,295	2,418				1,406
% of Gross						50%	57%				51%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+00	5.67	187	33	12,775	2,254

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 119 Page: 2 of 2 Date: 24-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		240										
Rack		25										
Horsepower		3930										
Exhaust Temp.		831										
Dredge Fuel		3657										
Pump RPM		218										
In Pressure		20										
Out Pressure	20	64										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	30.3		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			116.58
Rubber Line			7.17
Sub Line Dredge			4.17
Clean Pipeline			5.33
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	3	0.25	43.25
Traffic			6.67
Move Dredge			94.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			31.58
Operational Total	3	0.25	316.00
Weather Standby	3	12.00	149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	3	12.00	171.67
Pump RPR			110.25
Cutter RPR	1	0.25	33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.75
Eng Rm Out			12.67
Mechanical Total	1	0.25	190.50
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	12.50	678.16

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	07:45	weather standby- in Grand Islae harbor	7:45
07:45	11:00	weather standby- moved back to work area	3:15
11:00	12:00	Weather stanby- Set up dredge at Cut22mud SS 4+60	1:00
17:35	17:50	Change out (2) Cutter Teeth & Service Ladder	0:15
	00:15	Moved Anchors 3X	0:15
		TOTAL	12:30

REMARKS:

Prepared By: **Nicholas Marshall** Approved By: ______________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/25/2006 **Report #** 338

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 68 Max. 82

WIND SPEED: 10.00 to 15.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	N	

TIDE: 0.4 AM Morning tide
1.2 PM Evening tide

LOCATION OF DISCHARGE: 74+00/125 feet east of pay profile line no. CG15
Marsh 78+00/40 feet east of pay profile line no. CG16
DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A. The Tom James was stripping untill 1200.
The Tom James pumped marsh from 1200 until 1900, between CG-16 and CG-23.
The Tom James then pumped beach sand from 1900 until 2400.
2 Marsh Buggy, 1 Dozers dressing marsh area only from 7+24 to 53+40.
2 Dozers worked on beach fill / grade and pipe relocation.
Survey crew shot AD's from 56+00 to 67+91.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- operating/idle
D6- # 8846- operating
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating/idle
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 120 Page: 1 of 2 Date: 25-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	11.25	4.08	8.67	24.00	1190.67	1401.50	314.08				2906.25
Operating Time	8.58	4.00	6.83	19.42	835.83	1074.75	214.83				2125.42
% of Total Time	76%	98%	79%	81%	70%	77%	68%				73%
Lost Time	2.67	0.08	1.83	4.58	316.58	292.42	99.25				708.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	21,205	9,668	16,811	47,684	2,230,875	2,466,487	519,663				5,217,025
Adjustments											
Avg. Gross Cys					44,967	42,237	39,709				
Gross CY/Hr	2,470	2,417	2,460	2,456	2,669	2,295	2,419				2,455
Gross Width	300	300	300								
% of Gross											
Avg. Gross Face	6.1	8.3	5.6								
Start Station	11+10	17+20	14+25								
End Station	14+25	18+25	16+95								
Advance	315	105	270	690	64,118	22,211	5,979				92,308
Avg. Advance					1,292	380	457				32
Adv. Ft/Hr	36.7	26.3	39.5	35.5	77	21	28				43
Coverage	94,500	31,500	81,000	207,000	13,437,275	6,337,593	1,793,700				21,568,568
Avg. Coverage					270,852	108,528	137,062				178,115
Coverage/Hr	11,010	7,875	11,854	10,661							
Req. Grade + O.D.	-17	-28+5'Od	-16								
Dredged Elev.	-16.8	-28.3	-15.8								
Set Size	10	10	10								
Material Type	MUD	SAND	MUD								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		4,834	8,406	13,240		1,229,683	296,837				1,526,520
Pay CY/Hr		249	1,230	682		1,144	1,382				718
Gross Cys		9,668	16,811	26,479		2,467,469	519,663				2,987,132
Gross CY/Hr		184	213	373		2,296	2,419				1,405
% of Gross		50%	50%	50%		50%	57%				51%
Start Station		72+30	78+00								
End Station		74+00	78+00								
Advance		170		170		170					170
Adv. Ft/Hr		43		9		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	19+77	5.83	152	26	13,717	2,351

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 | Location: Chaland Headland Restoration
Dredge: *TOM JAMES* | Report Number: 120 | Page: 2 of 2 | Date: 25-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM										333		
Rack										26		
Horsepower										4985		
Exhaust Temp.										851		
Dredge Fuel										6374		
Pump RPM										302		
In Pressure										50		
Out Pressure									50	197		
Water Vacuum												
Max Working Vacuum												
Vane x Dia										4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600	1,600	Lift	1.0	7.0	7.0	Type	Super Sand Cutter
Submerged Line		16,560	16,560	Velocity			13.5	No. of Blades	6
Shore Line		4,400	4,320					Teeth	Inter changeable Chissel Teeth
Rubber Line			480					Avg. RPM	25
Total Line Length		22,560	22,960						

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work			116.58	01:45	02:50	Flip tank back over on discharge.	1:05
Rubber Line			7.17	09:50	11:15	Add 1,420' of sub Line & and start pumping on fill	1:25
Sub Line Dredge	1	1.42	5.58	18:10	18:25	Moved Dredge- from Cut22mud SS 14+45 to Cut13sand SS !4+70	0:15
Clean Pipeline			5.33	18:25	19:55	Repack main Pump & Change out cutter teeth (1)	1:30
Clean Pump			1.75				
Clean Cutter/Suction			3.42				
Anchors	4	0.33	43.58		00:20	Moved Anchors 4X	0:20
Traffic			6.67				
Move Dredge	1	0.25	94.25				
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.	1	1.08	32.66				
Operational Total	7	3.08	319.08				
Weather Standby			149.17				
Weather Repairs			12.25				
Weather Moving			10.25				
Weather Total			171.67				
Pump RPR	1	1.50	111.75				
Cutter RPR			33.83				
Spud RPR			2.08				
Electrical			0.92				
Eng Rm In			30.75				
Eng Rm Out			12.67				
Mechanical Total	1	1.50	192.00	**REMARKS:**		TOTAL	4:35
Bstr (1) Deck				Put Engine Room Data in Marsh Column (where majority of days work was done)			
Bstr (1) Eng Rm				Cut22 Mud is in Strippin column (pumped over board) and Marsh Column (Pumped on Fill)			
Booster Total				Cut13 Sand in in Beach Column			
Total Lost Time	8	4.58	682.75				

Prepared By: **Nicholas Marshall** Approved By: #REF!

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/26/2006 **Report #** 339

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 67 Max. 83

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	N	

TIDE: 0.2 AM Morning tide
1.2 PM Evening tide

LOCATION OF DISCHARGE: 75+80/305 feet east of pay profile line no. CG15
Marsh 78+00/40 feet east of pay profile line no. CG16
DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A.The Tom James worked 10.92 hours pumping beach/dune fill material.
The Tom James worked 10.58 hours pumping marsh fill material, between CG-16 and CG-23.
1 Marsh Buggy, 1 Dozers dressing marsh area only from 7+24 to 53+40.
2 Dozers worked on beach fill / grade and pipe relocation.
Survey crew regraded stakes and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- under repair
D6- # 8846- under repair
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 121 Page: 1 of 2 Date: 26-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		12.00	12.00	24.00	1190.67	1413.50	326.08				2930.25
Operating Time		10.92	10.58	21.50	835.83	1085.67	225.42				2146.92
% of Total Time		91%	88%	90%	70%	77%	69%				73%
Lost Time		1.08	1.42	2.50	316.58	293.50	100.67				710.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		24,607	25,624	50,230	2,230,875	2,491,094	545,287				5,267,256
Adjustments											
Avg. Gross Cys					44,967	42,297	40,134				
Gross CY/Hr		2,254	2,421	2,336	2,669	2,295	2,419				2,453
Gross Width		300	217								
% of Gross											
Avg. Gross Face		8.0	5.1								
Start Station	8+20	18+25	1+70								
End Station	9+25	19+98	7+90								
Advance		278	620	898	64,118	22,489	6,599				93,206
Avg. Advance					1,292	382	486				32
Adv. Ft/Hr		25.5	58.6	41.8	77	21	29				43
Coverage		83,400	134,540	217,940	13,437,275	6,420,993	1,928,240				21,786,508
Avg. Coverage					270,852	109,023	141,920				178,441
Coverage/Hr		7,640	12,712	10,137							
Req. Grade + O.D.	-26+5'OD	-28+5'OD	-17to-22								
Dredged Elev.	-26.5	-28.6									
Set Size	10	10	10								
Material Type	Sand	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		12303.5	12812	25115.5		1,241,987	309,649				1,551,636
Pay CY/Hr		1,144	2,421	2,336		1,144	1,374				723
Gross Cys		24,607	25,624	50,231		2,492,076	545,287				3,037,363
Gross CY/Hr		483	219	601		2,295	2,419				1,415
% of Gross		50%	50%	50%		50%	57%				51%
Start Station		74+00	78+00								
End Station		75+80	78+00								
Advance		180		180		180					180
Adv. Ft/Hr		16		8		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	10+98	5.58	173	31	14,377	2,575

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 121 Date: 26-Sep-06

ENGINE ROOM & PUMP INFORMATION

	Stripping				Beach				Marsh			
ITEM	**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**	
Engine RPM										329		
Rack										27		
Horsepower										4456		
Exhaust Temp.										887		
Dredge Fuel										7451		
Pump RPM										301		
In Pressure										46		
Out Pressure									46	157		
Water Vacuum												
Max Working Vacuum												
Vane x Dia										4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	7.0
Submerged Line		16,560	16,560	Velocity			13.5
Shore Line		4,580	4,320				
Rubber Line			480				
Total Line Length		22,740	22,960				

CUTTER

Type	Super Sand Cutter
No. of Blade:	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.75	117.33
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline	1	0.42	5.75
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	6	0.50	44.08
Traffic			6.67
Move Dredge	1	0.83	95.08
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			32.66
Operational Total	9	2.50	321.58
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			111.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			30.75
Eng Rm Out			12.67
Mechanical Total			192.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	2.50	685.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:10	08:00	Moved Dredge- Cut 13Sand SS 17+48 to Cut23Mud SS 0+80	0:50
18:50	19:15	Wash Out -moved dredge- Cut23 Mud SS 5+40 to Cut22Sand SS 5	0:25
19:15	20:00	Waiting on dump-Change out (3) cutter teeth	0:45
	00:30	Moved Anchors 6X	0:30
		TOTAL	2:30

REMARKS:

Continued diggin sand Cut 13 STA's 18+25-19+98 (Beach Column) =173' Advance, then moved to Cut23Mud STA's 1+70-7+90 (Marsh Column) =620' Advance - due to swing avg. of 217', then m to Cut22Sand STA's 8+20-9+25 (Stripping Column)=105' Advance

Prepared By: **Nicholas Marshall** Approved By: ____________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/27/2006 **Report #** 340

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 68 Max. 84

WIND SPEED: 0.00 to 5.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NW	

TIDE: 1.3 AM Morning tide
0.2 PM Evening tide

LOCATION OF DISCHARGE: 77+60/0 feet east of pay profile line no. CG16
Marsh 78+00/40 feet east of pay profile line no. CG16
DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A.The Tom James worked 10.75 hours pumping beach/dune fill material,
and also worked 5.83 hours pumping marsh fill material, between CG-16 and CG-23.
1 Dozers dressing marsh area only from 7+24 to 53+40.
2 Marsh buggys, 2 Dozers worked on beach fill / grade and pipe relocation.
One 480' section of rubber line was added to the marsh line.
Survey crew regraded stakes and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- under repair
D6- # 8846- under repair
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 122 Page: 1 of 2 Date: 27-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		12.17	11.83	24.00	1190.67	1425.67	337.92				2954.25
Operating Time		10.75	5.83	16.58	835.83	1096.42	231.25				2163.50
% of Total Time		88%	49%	69%	70%	77%	68%				73%
Lost Time		1.42	6.00	7.42	316.58	294.92	106.67				718.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		25,417	14,737	40,154	2,230,875	2,516,510	560,024				5,307,409
Adjustments											
Avg. Gross Cys					44,967	42,364	39,775				
Gross CY/Hr		2,364	2,526	2,421	2,669	2,295	2,422				2,453
Gross Width		300	300								
% of Gross											
Avg. Gross Face		7.5	8.0								
Start Station	11+20	9+25	7+90								
End Station	12+30	11+20	9+55								
Advance		305	165	470	64,118	22,794	6,764				93,676
Avg. Advance					1,292	384	480				32
Adv. Ft/Hr		28.4	28.3	28.3	77	21	29				43
Coverage		91,500	49,500	141,000	13,437,275	6,512,493	1,977,740				21,927,508
Avg. Coverage					270,852	109,633	140,466				178,137
Coverage/Hr		8,512	8,485	8,502							
Req. Grade + O.D.	-26+5'OD	-26+5'OD	-17to-22								
Dredged Elev.	-25.4	-25.6	-18.6								
Set Size	10	10	10								
Material Type	Sand	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		12,709	7,369	20,078		1,254,696	317,018				1,571,714
Pay CY/Hr		766	1,263	1,211		1,144	1,371				726
Gross Cys		25,417	14,737	40,154		2,517,493	560,024				3,077,517
Gross CY/Hr		2,364	2,526	2,421		2,296	2,422				1,422
% of Gross		50%	50%	50%		50%	57%				51%
Start Station		75+80	78+00								
End Station		77+60	78+00								
Advance		180		180		180					180
Adv. Ft/Hr		17		11		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+90	5.17	160	31	13,333	2,581

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 122 Date: 27-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM										331		
Rack										24		
Horsepower										3424		
Exhaust Temp.										854		
Dredge Fuel										5497		
Pump RPM										300		
In Pressure										45		
Out Pressure									45	154		
Water Vacuum												
Max Working Vacuum												
Vane x Dia										4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600	1,600	Lift		7.0	7.0	Type	Super Sand Cutter
Submerged Line		16,560	16,560	Velocity			13.8	No. of Blades	6
Shore Line		4,760	3,840					Teeth	Inter changeable Chissel Teeth
Rubber Line			960					Avg. RPM	25
Total Line Length		22,920	22,960						

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work	3	6.00	123.33	03:20	03:45	Shore Work- on "Y" valves	0:25
Rubber Line			7.17	06:40	07:05	Moved Dredge- from Cut22Sand SS8+70 to Cut23Mud SS 5+40	0:25
Sub Line Dredge			5.58	07:05	07:20	Replaced Cutter Teeth (3)	0:15
Clean Pipeline			5.75	11:05	16:25	Shore Line- add 500' plastic pipe	5:20
Clean Pump			1.75	18:35	19:10	Moved Dredge- from Cut23Mud SS 7+05 to Cut22Sand SS 8+50	0:35
Clean Cutter/Suction			3.42	22:40	22:55	shore- working on dikes	0:15
Anchors	2	0.17	44.25				
Traffic			6.67				
Move Dredge	2	1.00	96.08		00:10	Moved Anchors 2X	0:10
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.	1	0.25	32.91				
Operational Total	8	7.42	329.00				
Weather Standby			149.17				
Weather Repairs			12.25				
Weather Moving			10.25				
Weather Total			171.67				
Pump RPR			111.75				
Cutter RPR			33.83				
Spud RPR			2.08				
Electrical			0.92				
Eng Rm In			30.75				
Eng Rm Out			12.67				
Mechanical Total			192.00	**REMARKS:**		TOTAL	7:25
Bstr (1) Deck				Continued diggin Cut22Sand STA 9+25-11+20 (Beach Coulmn) =195' Advance,then moved			
Bstr (1) Eng Rm				to Cut 23Mud STA 7+90-9+55 (Marsh Column)=165' Advance, then moved			
Booster Total				to Cut22Sand STA 11+10-12+30 (Stripping Column)=110' Advance			
Total Lost Time	8	7.42	692.66				

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/28/2006 **Report #** 341

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 67 Max. 85

WIND SPEED: 0.00 to 5.00 MPH **Direction** W

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	W	

TIDE: 1.4 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 81+11/351 feet east of pay profile line no. CG16
Marsh 78+00/40 feet east of pay profile line no. CG16
DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A.The Tom James worked 10.17 hours pumping beach/dune fill material,
and also worked 9.08 hours pumping marsh fill material, between CG-16 and CG-23.
1 Marsh buggy, 1 Dozers dressing marsh area only from 7+24 to 53+40.
1 Marsh buggy, 2 Dozers worked on beach fill / grade and pipe relocation.
Survey crew regraded stakes and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- under repair
D6- # 8846- under repair
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.
Note: Beach Volumes for Pay Cys (in DDR), were up dated based on AD volumes from 8+00 to 67+91, also Check volumes 67+91 to 92+12, and today's volume.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 123 Page: 1 of 2 Date: 28-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		13.00	11.00	24.00	1190.67	1438.67	348.92				2978.25
Operating Time		10.17	9.17	19.33	835.83	1106.58	240.42				2182.83
% of Total Time		78%	83%	81%	70%	77%	69%				73%
Lost Time		2.83	1.83	4.67	316.58	297.75	108.50				722.83
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		24,900	20,222	45,122	2,230,875	2,541,410	580,246				5,352,531
Adjustments											
Avg. Gross Cys					44,967	42,396	39,912				
Gross CY/Hr		2,449	2,206	2,334	2,669	2,297	2,413				2,452
Gross Width		300	300								
% of Gross											
Avg. Gross Face		8.3	5.2								
Start Station	14+03	12+30	9+50								
End Station	15+00	14+03	13+00								
Advance		270	350	620	64,118	23,064	7,114				94,296
Avg. Advance					1,292	385	489				32
Adv. Ft/Hr		26.6	38.2	32.1	77	21	30				43
Coverage		81,000	105,000	186,000	13,437,275	6,593,493	2,082,740				22,113,508
Avg. Coverage					270,852	109,993	143,260				178,200
Coverage/Hr		7,967	11,455	9,621							
Req. Grade + O.D.	-26+5'OD	-26+5'OD	-17								
Dredged Elev.	-25.0	-25.7	-15.8								
Set Size	10	10	10								
Material Type	Sand	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		12,450	10,111	22,561		1,122,450	327,129				1,449,579
Pay CY/Hr		644	1,103	1,167		1,014	1,361				664
Gross Cys		24,900	20,222	45,122		2,542,393	560,024				3,102,417
Gross CY/Hr		2,449	2,206	2,334		2,298	2,329				1,421
% of Gross		50%	50%	50%		44%	58%				47%
Start Station		77+60	78+00								
End Station		81+11	78+00								
Advance		351		351		351					351
Adv. Ft/Hr		35		18		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	16+40	5.33	140	26	11,822	2,217

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 | Location: Chaland Headland Restoration
Dredge: *TOM JAMES* | Report Number: 123 | Page: 2 of 2 | Date: 28-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						321				321		
Rack						25				25		
Horsepower						3869				3869		
Exhaust Temp.						847				847		
Dredge Fuel						6768				6768		
Pump RPM						292				292		
In Pressure						49				49		
Out Pressure					49	162			49	162		
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	7.0
Submerged Line		16,560	16,560	Velocity		13.5	13.5
Shore Line		5,111	3,840				
Rubber Line			960				
Total Line Length		23,271	22,960				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	4	1.92	125.25
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline			5.75
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	5	0.42	44.67
Traffic			6.67
Move Dredge	2	1.42	97.50
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.08	33.00
Operational Total	12	3.83	332.83
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			111.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In	1	0.42	31.17
Eng Rm Out	1	0.42	13.08
Mechanical Total	2	0.83	192.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	14	4.67	697.33

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
01:50	02:30	Shore work- on dikes & add pipes	0:40
06:35	07:00	Moved dredge- from Cut22Sand SS 11+53 to Cut23Mud SS 7+00	0:25
07:00	07:05	Check Cutter- found to be OK	0:05
07:05	07:30	ER Out- change fittings on water line on ladder	0:25
07:30	08:00	Shore Line- prep for mud & repair leaks	0:30
09:35	09:50	Shore Line- repair leaks	0:15
11:20	11:45	ER In- Service water pump	0:25
18:00	19:00	Moved Dredge- From Cut23Mud SS 10+50 to Cut22Sand SS 11+00	1:00
21:55	22:25	Shore Line- add pipe	0:30
	00:25	Moved Anchors 5X	0:25
		TOTAL	4:40

REMARKS:

Continued digging sand- Cut22Sand STA 12+30-14+03 (Beach Column) =173' advance, then mov
to Cut23Mud STA 9+50-13+00 (Marsh Column)=350' advance, then moved
to Cut22Sand STA 14+03-15+00 (Stripping Column)=97' advance

Note dug depths according to Mud vs Sand ratio, finding better sand at different depths

Note Beach Volumes for Pay Cys, were updated based on Ad volumes from 8+00 to 67+91,
also Check volumes 67+91 to 92+12, and today's volume.

Prepared By: **Nicholas Marshall** Approved By: _____

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/29/2006 **Report #** 342

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 67 Max. 85

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 1.4 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 83+00/56 feet east of pay profile line no. CG17
Marsh 78+00/40 feet east of pay profile line no. CG16
DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A.The Tom James worked 11.58 hours pumping beach/dune fill material,
and also worked 4.25 hours pumping marsh fill material, between CG-16 and CG-23.
1 Marsh buggy dressing marsh area only from 7+24 to 53+40.
1 Marsh buggy, 3 Dozers worked on beach fill / grade and pipe relocation.
Survey crew took marsh ad's from 7+42 to 48+56, also regraded stakes to match the new template.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- operating/idle
D6- # 8846- under repair
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 124 Page: 1 of 2 Date: 29-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		13.58	10.42	24.00	1190.67	1452.25	359.33				3002.25
Operating Time		11.58	4.25	15.83	835.83	1118.17	244.67				2198.67
% of Total Time		85%	41%	66%	70%	77%	68%				73%
Lost Time		2.00	6.17	8.17	316.58	299.75	114.67				731.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		26,952	8,760	35,712	2,230,875	2,568,362	589,006				5,388,243
Adjustments											
Avg. Gross Cys					44,967	42,445	39,340				
Gross CY/Hr		2,327	2,061	2,255	2,669	2,297	2,407				2,451
Gross Width		262	183								
% of Gross											
Avg. Gross Face		9.4	4.7								
Start Station	0+15	15+00	16+50								
End Station	1+60	16+50	19+25								
Advance		295	275	570	64,118	23,359	7,389				94,866
Avg. Advance					1,292	386	494				32
Adv. Ft/Hr		25.5	64.7	36.0	77	21	30				43
Coverage		77,290	50,325	127,615	13,437,275	6,670,783	2,133,065				22,241,123
Avg. Coverage					270,852	110,242	142,468				177,796
Coverage/Hr		6,672	11,841	8,060							
Req. Grade + O.D.	-26+5'OD	-26+5'OD	-16to-17								
Dredged Elev.	-26.8	-25.1	-15.4								
Set Size	10	10	10								
Material Type	Sand	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		13,476	4,380	17,856		1,135,926	331,509				1,467,435
Pay CY/Hr		851	1,031	1,128		1,016	1,355				667
Gross Cys		26,952	8,760	35,712		2,544,720	568,784				3,113,504
Gross CY/Hr		2,327	2,061	2,255		2,276	2,325				1,416
% of Gross		50%	50%	50%		44%	58%				47%
Start Station		81+11	78+00								
End Station		83+00	78+00								
Advance		289		289		289					289
Adv. Ft/Hr		25		18		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	3+07	5.33	147	28	13,454	2,523

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021
Location: Chaland Headland Restoration
Dredge: *TOM JAMES*
Report Number: 124
Page: 2 of 2
Date: 29-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						333				333		
Rack						30				30		
Horsepower						4757				4757		
Exhaust Temp.						880				880		
Dredge Fuel						4403				4403		
Pump RPM						302				302		
In Pressure						54				54		
Out Pressure					54	190			54	190		
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	7.0
Submerged Line		16,560	16,560	Velocity		13.0	13.0
Shore Line		5,400	3,840				
Rubber Line			960				
Total Line Length		23,560	22,960				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	5.42	130.67
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline	1	1.08	6.83
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	5	0.42	45.08
Traffic			6.67
Move Dredge	1	1.25	98.75
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			33.00
Operational Total	9	8.17	341.00
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			111.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.08
Mechanical Total			192.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	8.17	705.50

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
03:45	04:20	Shore work- build up dikes and add pipe	0:35
06:50	07:55	Clean Pipeline- Stopped dgging sand Cut 22sand SS 14+00 and	1:05
		started digging mud Cut22mud SS 14+00	
12:15	13:30	Moved Dredge- from Cut22mud SS 16+75 to Cut22Sand SS -2+65	1:15
13:30	18:20	Shore work-Move "Y" valves, dredge checked cutter	4:50
	00:25	Moved Anchors 5X	0:25
		TOTAL	8:10

REMARKS:

continued digging sand - Cut22Sand STA's 15+00-16+50 (Beach Column)=150' advance , then switched to Mud Cut22mud STA's 16+50-19+25 (Marsh Column)=275' advance, then moved to Cut22Sand STA's 0+15-1+60 (Stripping Column)=145' advance

Note dud depths according to Sand vs Mud ratio, finding better sand at different depths

Prepared By: **Nicholas Marshall**

Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 9/30/2006 **Report #** 343

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 67 Max. 85

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 1.5 AM Morning tide
0.0 PM Evening tide

LOCATION OF DISCHARGE: 84+05/161 feet east of pay profile line no. CG17
Marsh 78+00/40 feet east of pay profile line no. CG16
DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A. The Tom James worked 21.92 hours pumping beach/dune fill material.
2 Marsh buggy, 3 Dozers worked on beach fill / grade and pipe relocation.
Survey crew took marsh ad's at 26+78, 29+20, 31+62, 34+04, 46+14, 53+40, and 50+98. also regraded stakes to match the new template.
Also regraded stakes to match the new template.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- operating/idle
D6- # 8846- under repair
D6- # 8849 operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 125 Page: 1 of 2 Date: 30-Sep-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1190.66	1476.25	359.34				3026.25
Operating Time		21.92		21.92	835.83	1140.09	244.67				2220.59
% of Total Time		91%		91%	70%	77%	68%				73%
Lost Time		2.08		2.08	316.58	301.83	114.67				733.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		50,800		50,800	2,230,875	2,619,162	589,006				5,439,043
Adjustments											
Avg. Gross Cys					44,967	42,581	39,339				
Gross CY/Hr		2,318		2,318	2,669	2,297	2,407				2,449
Gross Width		300									
% of Gross											
Avg. Gross Face		7.2									
Start Station		1+60									
End Station		7+95									
Advance		635		635	64,118	23,994	7,389				95,501
Avg. Advance					1,292	390	494				32
Adv. Ft/Hr		29.0		29.0	77	21	30				43
Coverage		190,500		190,500	11,237,400	4,800,900	1,712,700				17,751,000
Avg. Coverage					226,511	78,050	114,390				140,776
Coverage/Hr		8,692		8,692							
Req. Grade + O.D.		-26+5'OD									
Dredged Elev.		-26.5									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		25,400	0.00	25,400		1,161,326	331,509				1,492,835
Pay CY/Hr		1,159	0.00	1,159		1,019	1,355				672
Gross Cys		50,800	0.00	50,800		2,595,520	568,784				3,164,304
Gross CY/Hr		2,318	0.00	2,318		2,277	2,325				1,425
% of Gross		50%	0.00	50%		45%	58%				47%
Start Station		83+00	00								
End Station		84+05	0.00								
Advance		105	0.00	105		105					105
Adv. Ft/Hr		5	0	5		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	6+86	5.00	191	38	11,248	2,250

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 125 Date: 30-Sep-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						330						
Rack						30						
Horsepower						5530						
Exhaust Temp.						900						
Dredge Fuel						6178						
Pump RPM						303						
In Pressure						52						
Out Pressure					52	192						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	0.00	Lift		7.0	
Submerged Line		16,560	0.00	Velocity		13.2	
Shore Line		5,505	0.00				
Rubber Line			0.00				
Total Line Length		23,665	0.00				

CUTTER

Type	Super Sand Cutter
No. of Blade	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	1.17	131.84
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline			6.83
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	6	0.50	45.58
Traffic			6.67
Move Dredge			98.75
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.42	33.42
Operational Total	9	2.08	343.08
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			111.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.08
Mechanical Total			192.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	2.08	707.58

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
01:10	01:45	Shore- build dikes & add pipe, check cutter teeth (OK)	0:35
02:20	02:45	Change Cutter Teeth (5)	0:25
11:25	12:00	Shore- add more pipe	0:35
	00:30	Moved Anchors 6X	0:30
		TOTAL	2:05

REMARKS:

Coninued digging sand- Cut22sand STA's 1+60-7+95 (Beach Column)=635' Advance

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/1/2006 **Report #** 344

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 67 Max. 89

WIND SPEED: 0.00 to 5.00 MPH **Direction** NW

WAVE HEIGHT AT: **TIDE:** 1.5 AM Morning tide

Borrow Site	1 to 2	Swell	0.0 PM	Evening tide
Fill Area	1 to 2	Feet		
Wave Direction	NW			

LOCATION OF DISCHARGE: 86+15/371 feet east of pay profile line no. CG17

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

A. The Tom James worked 21.33 hours pumping beach/dune fill material.
2 Marsh buggy, 3 Dozers worked on beach fill / grade and pipe relocation.
Survey crew regraded stakes and replace stakes as needed.
D6 8833 replaced D6 8846.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- operating/idle
D6- # 8833- operating/idle
D6- # 8846- left job site
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 126 Page: 1 of 2 Date: 1-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1190.66	1500.25	359.34				3050.25
Operating Time		21.33		21.33	835.83	1161.42	244.67				2241.92
% of Total Time		89%		89%	70%	77%	68%				73%
Lost Time		2.67		2.67	316.58	304.50	114.67				735.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		52,066		52,066	2,230,875	2,671,228	589,006				5,491,109
Adjustments											
Avg. Gross Cys					44,967	42,732	39,339				
Gross CY/Hr		2,441		2,441	2,669	2,300	2,407				2,449
Gross Width		300									
% of Gross											
Avg. Gross Face		7.1									
Start Station		7+95	5+50								
End Station		8+50	11+55								
Advance		660		660	64,118	24,654	7,389				96,161
Avg. Advance					1,292	394	494				32
Adv. Ft/Hr		30.9		30.9	77	21	30				43
Coverage		198,000		198,000	11,237,400	4,998,900	1,712,700				17,949,000
Avg. Coverage					226,511	79,969	114,390				141,226
Coverage/Hr		9,281		9,281							
Req. Grade + O.D.		-28+5'OD									
Dredged Elev.		-27.3									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		20,826		20,826		1,182,152	331,509				1,513,661
Pay CY/Hr		976		976		1,018	1,355				675
Gross Cys		52,066		52,066		2,647,586	568,784				3,216,370
Gross CY/Hr		2,441		2,441		2,280	2,325				1,435
% of Gross		40%		40%		45%	58%				47%
Start Station		84+05									
End Station		86+15									
Advance		210		210		210					210
Adv. Ft/Hr		10		10		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+32	5.92	177	30	13,963	2,360

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 126 Date: 1-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						337						
Rack						27						
Horsepower						5003						
Exhaust Temp.						919						
Dredge Fuel						7671						
Pump RPM						300						
In Pressure						49						
Out Pressure					49	179						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		16,560		Velocity		12.8	
Shore Line		5,715					
Rubber Line							
Total Line Length		23,875					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.33	132.17
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline			6.83
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	5	0.42	46.00
Traffic			6.67
Move Dredge	1	0.83	99.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	2	0.58	34.00
Operational Total	9	2.17	345.25
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			111.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out	1	0.50	13.58
Mechanical Total	1	0.50	193.33
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	2.67	710.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
01:50	02:40	Moved Dredge- from Cut22Sand SS 6+00 to Cut13Sand SS 3+00	0:50
02:40	02:50	Checked Cutter Teeth (found OK)	0:10
14:45	15:10	Changed Cutter Teeth (2)	0:25
21:45	22:05	Shore- pushed up dikes & add pipe	0:20
22:05	22:35	ER Out- take oil samples off ladder	0:30
	00:25	Moved Anchors 5X	0:25
		TOTAL	2:40

REMARKS:

Continued diggin sand all day- Cut22Sand STA's 7+95-8+50 (Beach Column)=55' then to Cut13Sand STA's 5+50-11+55 (Marsh Column)= 605' advance

Still Adjusting dig depth according to Mud vs Sand ratio, better sand at different depths

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/2/2006 **Report #** 345

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 72 Max. 90

WIND SPEED: 0.00 to 5.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NW	

TIDE: 1.4 AM Morning tide
.1 PM Evening tide

LOCATION OF DISCHARGE: 90+15/287 feet east of pay profile line no. CG18

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A. The Tom James worked 22:25hours pumping beach/dune fill material.
2 Marsh buggy, 3 Dozers worked on beach fill / grade and pipe relocation.
Survey crew regraded stakes and replace stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- operating/idle
D6- # 8833- operating/idle
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 127 Page: 1 of 2 Date: 2-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1190.66	1524.25	359.34				3074.25
Operating Time		22.25		22.25	835.83	1183.67	244.67				2264.17
% of Total Time		93%		93%	70%	78%	68%				74%
Lost Time		1.75		1.75	316.58	306.25	114.67				737.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		52,170		52,170	2,230,875	2,723,398	589,006				5,543,279
Adjustments											
Avg. Gross Cys					44,967	42,881	39,339				
Gross CY/Hr		2,345		2,345	2,669	2,301	2,407				2,448
Gross Width		292									
% of Gross											
Avg. Gross Face		6.7									
Start Station	16+50	11+55									
End Station	17+75	17+50									
Advance		720		720	64,118	25,374	7,389				96,881
Avg. Advance					1,292	400	494				32
Adv. Ft/Hr		32.4		32.4	77	21	30				43
Coverage		210,240		210,240	11,237,400	5,209,140	1,712,700				18,159,240
Avg. Coverage					226,511	82,020	114,390				141,765
Coverage/Hr		9,449		9,449							
Req. Grade + O.D.	-26+5'OD	-28+5' OD									
Dredged Elev.	-25.7	-26.8									
Set Size	10	10									
Material Type	Sand	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		20,868		20,868		1,203,020	331,509				1,534,529
Pay CY/Hr		938		938		1,016	1,355				678
Gross Cys		52,170		52,170		2,699,756	568,784				3,268,540
Gross CY/Hr		2,345		2,345		2,281	2,325				1,444
% of Gross		40%		40%		45%	58%				47%
Start Station		86+15									
End Station		90+15									
Advance		400		400		400					400
Adv. Ft/Hr		18		18		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	20+38	4.08	213	52	9,425	2,308

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 127 Date: 2-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						332						
Rack						32						
Horsepower						5602						
Exhaust Temp.						918						
Dredge Fuel						6863						
Pump RPM						304						
In Pressure						52						
Out Pressure					52	202						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600		Lift		7.0		Type	Super Sand Cutter
Submerged Line		16,560		Velocity		13.0		No. of Blade	6
Shore Line		6,115						Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length		24,275							

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.42	132.59
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline			6.83
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	6	0.50	46.50
Traffic			6.67
Move Dredge	1	0.33	99.92
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	2	0.50	34.50
Operational Total	10	1.75	347.00
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			111.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.58
Mechanical Total			193.33
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	1.75	712.00

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:35	07:55	Checked Cutter	0:20
19:15	19:35	Moved Dredge- from Cut13Sand SS 15+00 to Cut22Sand SS 14+00	0:20
19:35	19:45	Checked Cutter Teeth (OK)	0:10
20:45	21:10	Shore- push dikes up & Add pipe	0:25
	00:30	Moved Anchors 6X	0:30
		TOTAL	1:45

REMARKS:

Continued digging Sand- Cut13Sand STA's 11+55-17+50 (Beach Column)=595' advance, then to
Cut22Sand STA's 16+50-17+75 (Stripping Column) = 125' advance * Average SWG 292' *
Adjusted diig depths according to Mud vs Sand ratio, found better sand at different depths
Due to dig depth & SWG width , high STA advance made.

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/3/2006 **Report #** 346

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 71 Max. 88

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 1.3 AM Morning tide
0.2 PM Evening tide

LOCATION OF DISCHARGE: 92+65/53 feet east of pay profile line no. CG 19

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A. The Tom James worked 17.67 hours pumping beach/dune fill material.
2 Marsh buggy, 3 Dozers worked on beach fill / grade and pipe relocation.
Survey crew regraded stakes and replace stakes as needed, also took check from 97+00 to 105+00

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- operating/idle
D6- # 8833- operating/idle
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 128 Page: 1 of 2 Date: 3-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1190.66	1548.25	359.34				3098.25
Operating Time		17.67		17.67	835.83	1201.34	244.67				2281.84
% of Total Time		74%		74%	70%	78%	68%				74%
Lost Time		6.33		6.33	316.58	312.58	114.67				743.83
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		32,274		32,274	2,230,875	2,755,672	589,006				5,575,553
Adjustments											
Avg. Gross Cys					44,967	42,717	39,339				
Gross CY/Hr		1,827		1,827	2,669	2,294	2,407				2,443
Gross Width		176									
% of Gross											
Avg. Gross Face		7.3									
Start Station	19+75	17+75	2+20								
End Station	23+40	19+25	3+80								
Advance		675		675	64,118	26,049	7,389				97,556
Avg. Advance					1,292	404	494				31
Adv. Ft/Hr		38.2		38.2	77	22	30				43
Coverage		118,800		118,800	11,237,400	5,327,940	1,712,700				18,278,040
Avg. Coverage					226,511	82,590	114,390				141,587
Coverage/Hr		6,725		6,725							
Req. Grade + O.D.	-26+5'OD	-26+5'OD	-26+5'OD								
Dredged Elev.	-27.1	-25.7	-26.2								
Set Size	10	10	10								
Material Type	Sand	Sand	Sand								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		12,910		12,910		1,215,930	331,509				1,547,439
Pay CY/Hr		731		731		1,012	1,355				678
Gross Cys		32,274		32,274		2,732,030	568,784				3,300,814
Gross CY/Hr		1,827		1,827		2,274	2,325				1,447
% of Gross		40%		40%		45%	58%				47%
Start Station		90+15									
End Station		92+65									
Advance		250		250		250					250
Adv. Ft/Hr		14		14		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	5+85	4.08	205	50	2,078	509

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 128 Page: 2 of 2 Date: 3-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						324						
Rack						32						
Horsepower						6188						
Exhaust Temp.						939						
Dredge Fuel						6182						
Pump RPM						299						
In Pressure						58						
Out Pressure					58	200						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		16,560		Velocity		13.2	
Shore Line		6,365					
Rubber Line							
Total Line Length		24,525					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	4	4.17	136.75
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline			6.83
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	8	0.67	47.16
Traffic			6.67
Move Dredge	2	1.17	101.08
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.33	34.83
Operational Total	15	6.33	353.33
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			111.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.58
Mechanical Total			193.33
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	15	6.33	718.33

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:10	00:35	Shore- build up dikes & Add shore pipe	0:25
03:55	04:15	Moved Dredge- from Cut22Sand 16+75 to Cut13Sand 17+25	0:20
12:00	12:20	Check Cutter (2) teeth	0:20
13:00	15:00	Shore- build up dikes	2:00
17:30	18:35	Shore- add shore pipe	1:05
19:30	20:20	Moved Dredge- from Cut13Sand SS 20+90 to Cut23Sand SS -0+30	0:50
23:00	23:40	Shore- Build up dikes & add pipe	0:40
	00:40	Moved Anchors 8X	0:40
		TOTAL	6:20

REMARKS:

Continued digging sand- Cut 22Sand STA's 17+75-19+25 (Beach Column)=150' advance. Then to Cut13Sand STA's 19+75-23+40(Stripping Column)=365' advance. Then to Cut23Sand STA's 2+20-3+80(Marsh Column)=160' advance *** the average swing width was 176'**

Dig depths according to Mud vs Sand ratio, better sand different depths, **since Mid.N. swg width 37.5'**

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/4/2006 **Report #** 347

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 70 Max. 87

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 1.2 AM Morning tide
0.5 PM Evening tide

LOCATION OF DISCHARGE: 93+05/93 feet east of pay profile line no. CG 19

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
A. The Tom James worked 21.92 hours pumping beach/dune fill material.
2 Marsh buggy, 3 Dozers worked on beach fill / grade and pipe relocation.
Survey crew regraded stakes and replace stakes as needed, also took check from 95+00 to 96+96.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operating/idle
D4- # 8824- operating/idle
D6- # 8833- operating/idle
D6- # 8849- operating
D6- # 8848- operating
D6- # 8835- operating
D7- # 898- operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 129 Page: 1 of 2 Date: 4-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1190.66	1572.25	359.34				3122.25
Operating Time		21.92		21.92	835.83	1223.25	244.67				2303.75
% of Total Time		91%		91%	70%	78%	68%				74%
Lost Time		2.08		2.08	316.58	314.67	114.67				745.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		39,750		39,750	2,230,875	2,795,422	589,006				5,615,303
Adjustments											
Avg. Gross Cys					44,967	42,671	39,339				
Gross CY/Hr		1,814		1,814	2,669	2,285	2,407				2,437
Gross Width		225									
% of Gross											
Avg. Gross Face		7.5									
Start Station		3+80									
End Station		10+16									
Advance		636		636	64,118	26,685	7,389				98,192
Avg. Advance					1,292	407	494				31
Adv. Ft/Hr		29.0		29.0	77	22	30				43
Coverage		143,100		143,100	11,237,400	5,471,040	1,712,700				18,421,140
Avg. Coverage					226,511	83,514	114,390				141,599
Coverage/Hr		6,529		6,529							
Req. Grade + O.D.		-26+5'OD									
Dredged Elev.		-26.5									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		15,900		15,900		1,231,830	331,509				1,563,339
Pay CY/Hr		725		725		1,007	1,355				679
Gross Cys		39,750		39,750		2,771,780	568,784				3,340,564
Gross CY/Hr		1,814		1,814		2,266	2,325				1,450
% of Gross		40%		40%		44%	58%				46%
Start Station		92+65									
End Station		93+05									
Advance		40		40		40					40
Adv. Ft/Hr		2		2		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	11+55	4.50	139	31	9,583	2,130

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 129 Date: 4-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						330						
Rack						32						
Horsepower						5880						
Exhaust Temp.						902						
Dredge Fuel						6540						
Pump RPM						298						
In Pressure						50						
Out Pressure					50	190						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		16,560		Velocity		13.0	
Shore Line		6,405					
Rubber Line							
Total Line Length		24,565					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	0.75	137.50
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline			6.83
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	8	0.67	47.83
Traffic			6.67
Move Dredge			101.08
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			34.83
Operational Total	10	1.42	354.75
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR	1	0.67	112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.58
Mechanical Total	1	0.67	194.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	2.08	720.42

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
05:05	05:45	ER- Main Pump packing & checked cutter	0:40
10:20	10:30	Shore- fix hole in pipe	0:10
18:30	19:05	Shore- build up dikes and check cutter teeth (OK)	0:35
	00:40	Moved Anchors 8X	0:40
		TOTAL	2:05

REMARKS:

Continued digging sand- Cut23sand STA's 3+80- 10+16=636' advance
with a 225' average swing width

Adjusted dig depth according to Mud vs Sand ratio, better sand at different depths

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/5/2006 **Report #** 348

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 70 Max. 87

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 0.9 AM Morning tide
0.6 PM Evening tide

LOCATION OF DISCHARGE: 93+05/93 feet east of pay profile line no. CG 19

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 9.75 hrs. on beach fill and 10.58 hrs. stripping in borrow area.
1 Marsh buggy, 3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed and continues fence stakeout from 19+52 to 7+42

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy-under repair
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy-operating
D4- # 8824- under repair
D6- # 8833- under repair
D6- # 8849- operating
D6- # 8848- under repair
D6- # 8835- operating
D7- # 898- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 130 Page: 1 of 2 Date: 5-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	10.83	13.17		24.00	1201.49	1585.42	359.34				3146.25
Operating Time	10.58	9.75		20.33	846.41	1233.00	244.67				2324.09
% of Total Time	98%	74%		85%	70%	78%	68%				74%
Lost Time	0.25	3.42		3.67	316.83	318.08	114.67				749.58
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	27,089	21,037		48,126	2,257,964	2,816,459	589,006				5,663,429
Adjustments											
Avg. Gross Cys					45,103	42,635	39,339				
Gross CY/Hr	2,560	2,158		2,367	2,668	2,284	2,407				2,437
Gross Width	300	250									
% of Gross											
Avg. Gross Face	7.2	8.0									
Start Station	15+00	10+16									
End Station	18+40	13+00									
Advance	340	284		624	64,458	26,969	7,389				98,816
Avg. Advance					1,288	408	494				31
Adv. Ft/Hr	32.1	29.1		30.7	76	22	30				43
Coverage	102,000	71,000		173,000	11,339,400	5,542,040	1,712,700				18,594,140
Avg. Coverage					226,506	83,895	114,390				141,838
Coverage/Hr	9,638	7,282		8,508							
Req. Grade + O.D.	-20to-22	-24+5'OD									
Dredged Elev.	-21.4	-25.1									
Set Size	10	10									
Material Type	Mud	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		10,519		10,519		1,242,349	331,509				1,573,858
Pay CY/Hr		517		517		1,008	1,355				677
Gross Cys		21,037		21,037		2,792,817	568,784				3,361,601
Gross CY/Hr		2,158		1,035		2,265	2,325				1,446
% of Gross		50%		50%		44%	58%				46%
Start Station		93+05									
End Station		93+05									
Advance		O				#VALUE!					#VALUE!
Adv. Ft/Hr						#VALUE!					#VALUE!
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	19+82	5.92	142	24	14,648	2,476

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 130 Page: 2 of 2 Date: 5-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		238				238						
Rack		27				27						
Horsepower		4161				4161						
Exhaust Temp.		820				820						
Dredge Fuel		6245				6245						
Pump RPM		215				215						
In Pressure		21				21						
Out Pressure	21	61			21	61						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84				4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift	1.0	7.0	
Submerged Line		16,560		Velocity	29.9	13.0	
Shore Line		6,405					
Rubber Line							
Total Line Length	1,600	24,565					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.33	137.84
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline	1	1.08	7.91
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	7	0.58	48.41
Traffic			6.67
Move Dredge	1	1.67	102.75
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			34.83
Operational Total	10	3.67	358.42
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.58
Mechanical Total			194.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	3.67	724.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
03:15	03:35	Shore- push up dikes & add pipe	0:20
10:25	11:30	washout pipeline	1:05
11:30	13:10	Moved Dredge- from Cut23Sand SS 10+50 to Cut10Mud SS 12+50	1:40
		put tank under & Put head anchor & changed cutter teeth (5)	
	00:35	Moved Anchors 7X	0:35
		TOTAL	3:40

REMARKS:
Continued digging Sand- Cut23Sand STA's 10+16-13+00 (Beach Column)=284' (Swg width 250')
then to Cut10Mud STA's 15+00-18+40 (Stripping Column)=340' pumping overboard
Digging depths for sand at different dpeths due to Mud vs Sand ratio, finding better sand
at different depths

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/6/2006 **Report #** 349

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 70 Max. 90

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 1.0 AM Morning tide
0.7 PM Evening tide

LOCATION OF DISCHARGE: 93+05/93 feet east of pay profile line no. CG 19

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 0.0 hours pumping beach and 23.17 hours stripping and side casting
2 Marsh buggy, 3 Dozers worked on beach fill / grade and pipe relocation.
Survey crew regraded stakes and replace stakes as needed, also started sand fence stakeout from 38+88 to 67+91.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy- operating
Weeks 879 Marsh Buggy -operating
Weeks 865 Marsh Buggy- operable/idle
D4- # 8824- operable/idle
D6- # 8833- operable/idle
D6- # 8849- operating
D6- # 8848- under repair
D6- # 8835- operating
D7- # 898- operable/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 131 Page: 1 of 2 Date: 6-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1225.49	1585.42	359.34				3170.25
Operating Time	23.17			23.17	869.58	1233.00	244.67				2347.25
% of Total Time	97%			97%	71%	78%	68%				74%
Lost Time	0.83			0.83	317.66	318.08	114.67				750.42
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	59,400			59,400	2,317,364	2,816,459	589,006				5,722,829
Adjustments											
Avg. Gross Cys					45,383	42,635	39,339				
Gross CY/Hr	2,564			2,564	2,665	2,284	2,407				2,438
Gross Width	300										
% of Gross											
Avg. Gross Face	8.1										
Start Station	18+40										
End Station	25+00										
Advance	660			660	65,118	26,969	7,389				99,476
Avg. Advance					1,275	408	494				31
Adv. Ft/Hr	28.5			28.5	75	22	30				42
Coverage	198,000			198,000	11,537,400	5,542,040	1,712,700				18,792,140
Avg. Coverage					225,948	83,895	114,390				142,264
Coverage/Hr	8,547			8,547							
Req. Grade + O.D.	-20to-22										
Dredged Elev.	-21.3										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,242,349	331,509				1,573,858
Pay CY/Hr						1,008	1,355				671
Gross Cys						2,792,817	568,784				3,361,601
Gross CY/Hr						2,265	2,325				1,432
% of Gross						44%	58%				46%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	26+69	5.92	169	29	15,210	2,571

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 131 Page: 2 of 2 Date: 6-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		223										
Rack		25										
Horsepower		3291										
Exhaust Temp.		748										
Dredge Fuel		6741										
Pump RPM		204										
In Pressure		22										
Out Pressure	22	50										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift	1.0		
Submerged Line		16,560		Velocity	13.0		
Shore Line		6,405					
Rubber Line							
Total Line Length	1,600	24,565					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			137.84
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline			7.91
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	6	0.50	48.91
Traffic			6.67
Move Dredge			102.75
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.33	35.17
Operational Total	7	0.83	359.25
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.58
Mechanical Total			194.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	0.83	724.92

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
05:25	05:45	Checked Cutter teeth (2)	0:20
	00:30	Moved Anchors 6X	0:30
		TOTAL	0:50

REMARKS:
Continued stripping mud- Cut10Mud STA's 18+40-25+00=660' Advance, pumped over board

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/7/2006 **Report #** 350

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 72 Max. 89

WIND SPEED: 6.00 to 12.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 0.9 AM Morning tide
0.6 PM Evening tide

LOCATION OF DISCHARGE: 93+05/93 feet east of pay profile line no. CG 19

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 0.0 hrs. on beach fill and 22.42 hrs. stripping in borrow area.
1 Marsh buggy, 3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew continues to stake and regrade in fill area.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy-under repair
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy-operating
D4- # 8824- under repair
D6- # 8833- under repair
D6- # 8849- operating
D6- # 8848- under repair
D6- # 8835- operating
D7- # 898- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 132 Page: 1 of 2 Date: 7-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1249.49	1585.42	359.34				3194.25
Operating Time	22.42			22.42	892.00	1233.00	244.67				2369.67
% of Total Time	93%			93%	71%	78%	68%				74%
Lost Time	1.58			1.58	319.25	318.08	114.67				752.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	59,093			59,093	2,376,457	2,816,459	589,006				5,781,922
Adjustments											
Avg. Gross Cys					45,646	42,635	39,339				
Gross CY/Hr	2,636			2,636	2,664	2,284	2,407				2,440
Gross Width	279										
% of Gross											
Avg. Gross Face	8.3										
Start Station	25+00	12+90									
End Station	27+94	16+85									
Advance	689			689	65,807	26,969	7,389				100,165
Avg. Advance					1,264	408	494				31
Adv. Ft/Hr	30.7			30.7	74	22	30				42
Coverage	192,231			192,231	11,729,631	5,542,040	1,712,700				18,984,371
Avg. Coverage					225,300	83,895	114,390				142,639
Coverage/Hr	8,575			8,575							
Req. Grade + O.D.	-20to-30	-22to-24									
Dredged Elev.	-25.1	-23.4									
Set Size	10	10									
Material Type	Mud	Mud									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,242,349	331,509				1,573,858
Pay CY/Hr						1,008	1,355				664
Gross Cys						2,792,817	568,784				3,361,601
Gross CY/Hr						2,265	2,325				1,419
% of Gross						44%	58%				46%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	18+39	5.92	154	26	14,031	2,371

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 132 Date: 7-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		225										
Rack		26										
Horsepower		3534										
Exhaust Temp.		768										
Dredge Fuel		6701										
Pump RPM		202										
In Pressure		21										
Out Pressure	21	58										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	29.3		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			137.84
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline			7.91
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	6	0.50	49.41
Traffic			6.67
Move Dredge	1	1.08	103.83
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			35.17
Operational Total	7	1.58	360.83
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.58
Mechanical Total			194.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	1.58	726.50

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
10:00	11:05	Moved Dredge- from Cut10Mud SS 25+44 to Cut11Mud SS 10+40	1:05
		Changed Cutter teeth (1) & serviced ladder	
	00:30	Moved Anchors 6X	0:30
		TOTAL	1:35

REMARKS:

Continued stripping mud and pumped overboard
Cut10Mud STA's 25+00-27+94 (Stripping Column)=294' advance , then to
Cut11Mud STA's 12+90-16+85 (Beach Column)=395' advance (Swg width of 279')

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/8/2006 **Report #** 352

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 72 Max. 85

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 0.6 AM Morning tide
0.8 PM Evening tide

LOCATION OF DISCHARGE: 93+05/93 feet east of pay profile line no. CG 19

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 0.0 hrs. on beach fill and 22.42 hrs. stripping in borrow area.
1 Marsh buggy, 3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew continues to stake and regrade in fill area.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy-under repair
Weeks 879 Marsh Buggy -under repair
Weeks 865 Marsh Buggy-operating
D4- # 8824- under repair
D6- # 8833- under repair
D6- # 8849- operating
D6- # 8848- under repair
D6- # 8835- operating
D7- # 898- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 133 Page: 1 of 2 Date: 8-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1273.49	1585.42	359.34				3218.25
Operating Time	23.33			23.33	915.33	1233.00	244.67				2393.00
% of Total Time	97%			97%	72%	78%	68%				74%
Lost Time	0.67			0.67	319.91	318.08	114.67				752.67
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	62,066			62,066	2,438,523	2,816,459	589,006				5,843,988
Adjustments											
Avg. Gross Cys					45,956	42,635	39,339				
Gross CY/Hr	2,660			2,660	2,664	2,284	2,407				2,442
Gross Width	300										
% of Gross											
Avg. Gross Face	8.4										
Start Station	16+85										
End Station	23+50										
Advance	665			665	66,472	26,969	7,389				100,830
Avg. Advance					1,253	408	494				31
Adv. Ft/Hr	28.5			28.5	73	22	30				42
Coverage	199,500			199,500	11,929,131	5,542,040	1,712,700				19,183,871
Avg. Coverage					224,814	83,895	114,390				143,063
Coverage/Hr	8,550			8,550							
Req. Grade + O.D.	-22to-24										
Dredged Elev.	-23.3										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,242,349	331,509				1,573,858
Pay CY/Hr						1,008	1,355				658
Gross Cys						2,792,817	568,784				3,361,601
Gross CY/Hr						2,265	2,325				1,405
% of Gross						44%	58%				46%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	25+23	5.83	173	30	15,954	2,735

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 133 Page: 2 of 2 Date: 8-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		221										
Rack		23										
Horsepower		2837										
Exhaust Temp.		736										
Dredge Fuel		6567										
Pump RPM		201										
In Pressure		22										
Out Pressure	22	48										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	13.0		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			137.84
Rubber Line			7.17
Sub Line Dredge			5.58
Clean Pipeline			7.91
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	5	0.42	49.83
Traffic			6.67
Move Dredge			103.83
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.25	35.42
Operational Total	6	0.67	361.50
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.58
Mechanical Total			194.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	0.67	727.17

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
08:10	08:25	Changed cutter teeth (2) & Serviced Ladder	0:15
	00:25	Moved Anchors 5X	0:25
		TOTAL	0:40

REMARKS:

Continued digging Mud- Cut11Mud STA's 16+85-23+50=665' pumped overboard

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/9/2006 **Report #** 352

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 72 Max. 85

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT: **TIDE:** 1.0 AM Morning tide

Borrow Site	1 to 2	Swell	0.7 PM	Evening tide
Fill Area	1 to 2	Feet		
Wave Direction	NE			

LOCATION OF DISCHARGE: 93+05/93 feet east of pay profile line no. CG 19

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 6.92 hrs. stripping,5.75 hrs.beach/fill and7.75 hrs.marsh/fill.
1 Marsh buggy, 3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed and done check/fill surveys 67+91 to 79+00.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy-under repair
Weeks 879 Marsh Buggy - operating/idle
Weeks 865 Marsh Buggy-operating
D4- # 8824- under repair
D6- # 8833- operating
D6- # 8849- operating
D6- # 8848- under repair
D6- # 8835- operating
D7- # 898 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 134 Page: 1 of 2 Date: 9-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	9.42	5.83	8.75	24.00	1282.91	1591.25	368.09				3242.25
Operating Time	6.92	5.75	7.75	20.42	922.25	1238.75	252.42				2413.42
% of Total Time	73%	99%	89%	85%	72%	78%	69%				74%
Lost Time	2.50	0.08	1.00	3.58	322.41	318.17	115.67				756.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	13,035	9,216	26,100	48,351	2,451,558	2,825,675	615,106				5,892,339
Adjustments											
Avg. Gross Cys					45,862	42,618	40,106				
Gross CY/Hr	1,885	1,603	3,368	2,368	2,658	2,281	2,437				2,441
Gross Width	300	300	300								
% of Gross											
Avg. Gross Face	7.8	4.1	8.1								
Start Station	23+50	13+00	25+00								
End Station	25+00	15+00	27+90								
Advance	150	200	290	640	66,622	27,169	7,679				101,470
Avg. Advance					1,246	410	501				31
Adv. Ft/Hr	21.7	34.8	37.4	31.3	72	22	30				42
Coverage	45,000	60,000	87,000	192,000	11,974,131	5,602,040	1,799,700				19,375,871
Avg. Coverage					224,006	84,492	117,343				143,425
Coverage/Hr	6,506	10,435	11,226	9,404							
Req. Grade + O.D.	-22to-24	-28to-30	-24to-30								
Dredged Elev.	-24.1	-30.1	-27.3								
Set Size	10	10	10								
Material Type	Mud	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		4,608	13,050	17,658		1,246,957	344,559				1,591,516
Pay CY/Hr		226	1,684	865		1,007	1,365				659
Gross Cys		9,216	26,100	35,316		2,802,093	594,884				3,396,977
Gross CY/Hr		1,603	3,368	1,730		2,262	2,357				1,408
% of Gross		50%	50%	50%		44%	60%				46%
Start Station		93+05	91+60								
End Station		93+35	91+60								
Advance		30	O	30		30					
Adv. Ft/Hr		5	O			0					
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	16+50	6.00	150	25	9,028	1,505

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 134 Page: 2 of 2 Date: 9-Oct-06

ENGINE ROOM & PUMP INFORMATION												
	Stripping				**Beach**				**Marsh**			
ITEM	**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**	
Engine RPM		345				345				345		
Rack		25				25				25		
Horsepower		3991				3991				3991		
Exhaust Temp.		860				860				860		
Dredge Fuel		5834				5834				5834		
Pump RPM		314				314				314		
In Pressure		44				44				44		
Out Pressure	44	152			44	152			44	152		
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84				4X84				4X84		
Line To												
Line From												

ITEM	**Stripping**	**Beach**	**Marsh**	**ITEM**	**Stripping**	**Beach**	**Marsh**	**CUTTER**	
Rubber Line	1,600	1,600	1,600	Lift	1.0	7.0	7.0	Type	Super Sand Cutter
Submerged Line		16,560	16,560	Velocity	11.6	11.6	11.6	No. of Blades	6
Shore Line		6,305	5,800					Teeth	Inter changeable Chissel Teeth
Rubber Line			480					Avg. RPM	25
Total Line Length	1,600	24,465	24,440						

LOST TIME BREAKDOWN				**LEVERMAN'S LOG**			
DELAY	**# STOPS TODAY**	**HOURS TODAY**	**HOURS TO DATE**	**Stop Time**	**Start Time**	**Delays**	**Lost Time**
Shore Line/ Work			137.84	07:05	09:25	Hook up shore connection, pump mud on shore, change (2)cutter T	2:20
Rubber Line			7.17			& serviced ladder, weld pipe on stone box	
Sub Line Dredge	1	2.33	7.91				
Clean Pipeline	1	0.33	8.25	17:20	17:40	Clean pipeline	0:20
Clean Pump			1.75	17:40	18:10	Moved dredge- from Cut11Mud SS 24+40 to Cut11Sand SS 10+40	0:30
Clean Cutter/Suction			3.42				
Anchors	5	0.42	50.25				
Traffic			6.67		00:25	Moved Anchors 5X	0:25
Move Dredge	1	0.50	104.33				
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.			35.42				
Operational Total	8	3.58	365.08				
Weather Standby			149.17				
Weather Repairs			12.25				
Weather Moving			10.25				
Weather Total			171.67				
Pump RPR			112.42				
Cutter RPR			33.83				
Spud RPR			2.08				
Electrical			0.92				
Eng Rm In			31.17				
Eng Rm Out			13.58				
Mechanical Total			194.00	**REMARKS:**		TOTAL	3:35
Bstr (1) Deck				Continued digging mud- (00:00-07:05 pumped overboard then 07:05-18:10 pumped on shore)			
Bstr (1) Eng Rm				MUD from Cut11mud STA's 23+50-25+00 (Stripping Column) =150' advance			
Booster Total				MUD from Cut11mud STA's 25+00-27+90 (Marsh Column) =290' advance			
Total Lost Time	8	3.58	730.75	SAND from Cut11Sand STA's 13+00-15+00 (Beach Column)=200' advance , dug according to Sand vs Mud			

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/10/2006 **Report #** 353

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: partly sunny **TEMPERATURE:** Min. 72 Max. 88

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 1.2 AM Morning tide
0.8 PM Evening tide

LOCATION OF DISCHARGE: 94+50/238 feet east of pay profile line no. CG 19

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 12.25 hrs. beach/fill and 9.67 hrs. marsh fill.
2 Marsh buggy, 4 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed and done check/fill surveys 101+80 to 106+64.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy-under repair
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy-operating
D4- # 8824- under repair
D6- # 8833- operating
D6- # 8849- operating
D6- # 8848- under repair
D6- # 8835- operating
D7- # 898- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 135 Page: 1 of 2 Date: 10-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		13.33	10.67	24.00	1282.91	1604.59	378.76				3266.25
Operating Time		12.25	9.67	21.92	922.25	1251.00	262.09				2435.34
% of Total Time		92%	91%	91%	72%	78%	69%				75%
Lost Time		1.08	1.00	2.08	322.41	319.25	116.67				758.33
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		21,562	33,738	55,300	2,451,558	2,847,237	648,844				5,947,639
Adjustments											
Avg. Gross Cys					45,862	42,586	41,114				
Gross CY/Hr		1,760	3,490	2,523	2,658	2,276	2,476				2,442
Gross Width		300	300								
% of Gross											
Avg. Gross Face		5.5	10.8								
Start Station	15+00	15+00	15+00								
End Station	16+90	16+65	17+80								
Advance		355	280	635	66,622	27,524	7,959				102,105
Avg. Advance					1,246	412	504				31
Adv. Ft/Hr		29.0	29.0	29.0	72	22	30				42
Coverage		106,500	84,000	190,500	11,974,131	5,708,540	1,883,700				19,566,371
Avg. Coverage					224,006	85,383	119,361				143,771
Coverage/Hr		8,694	8,689	8,692							
Req. Grade + O.D.	-28+5'OD	-28+5'OD	-24 to-26								
Dredged Elev.	-28.1	-30.3	-25.1								
Set Size	10	10	10								
Material Type	Sand	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		10,781	33,738	44,519		1,257,738	378,297				1,636,035
Pay CY/Hr		492	3,490	2,031		1,005	1,443				672
Gross Cys		21,562	33,738	55,300		2,823,655	628,622				3,452,277
Gross CY/Hr		1,760	3,490	2,523		2,257	2,399				1,418
% of Gross		50%	100%	80%		44%	60%				47%
Start Station		93+35	91+60								
End Station		94+50	91+60								
Advance		115		115		115					115
Adv. Ft/Hr		9		5		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	18+17	5.33	127	24	8,630	1,618

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 135 Date: 10-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		343				343				343		
Rack		26				26				26		
Horsepower		4240				4240				4240		
Exhaust Temp.		886				886				886		
Dredge Fuel		7400				7400				7400		
Pump RPM		313				313				313		
In Pressure		43				43				43		
Out Pressure	43	149			43	149			43	149		
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84				4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600	1,600	Lift		7.0	7.0	Type	Super Sand Cutter
Submerged Line		16,560	16,560	Velocity		12.2	12.2	No. of Blades	6
Shore Line		6,450	5,800					Teeth	Inter changeable Chissel Teeth
Rubber Line			480					Avg. RPM	25
Total Line Length		24,610	24,440						

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			137.84
Rubber Line			7.17
Sub Line Dredge			7.91
Clean Pipeline	1	0.42	8.66
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	6	0.50	50.75
Traffic			6.67
Move Dredge	2	1.17	105.50
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			35.42
Operational Total	9	2.08	367.17
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			31.17
Eng Rm Out			13.58
Mechanical Total			194.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	2.08	732.83

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
06:40	07:30	Moved Dredge- from Cut11Sand SS 14+15, to Cut12Mud SS 12+4	0:50
		& Changed out cutter teeth (5) ,	
17:25	17:50	Cleaned Pipeline	0:25
17:50	18:10	Moved Dredge- from Cut12Mud SS 15+30, to Cut10Sand SS 12+5	0:20
	00:30	Moved Anchors 6X	0:30
		TOTAL	2:05

REMARKS:

Pumped sand on beach, Cut11Sand STA's 15+00-16+65 (Beach Column) =165' Advance, then to
Cut 12Mud STA's 15+00-17+80 (Marsh Column)= 290' Advance, then to
Cut10Sand STA's 15+00-16+90 (Stripping Column)=190' Advance

Dug Depths according to Mud vs Sand ratio, in Sand Cuts found better sand at different depths

Prepared By: **Nicholas Marshall** Approved By: ______________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/11/2006 **Report #** 354

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: mostly sunny **TEMPERATURE:** Min. 72 Max. 85

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	NE	

TIDE: 1.1 AM Morning tide
0.5 PM Evening tide

LOCATION OF DISCHARGE: 95+50/338 feet east of pay profile line no. CG 19

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 13.oo hrs. beach/fill and 6.50 hrs. marsh fill.
1 Marsh buggy, 3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed and restaked north, south fence from 38+88 to 67+00 from revised plan.

B. Subcontractor: Erosion Control Services
Fencing crew constructing fence,north 37+62 to 42+12, south 36+46 to 40+96.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy-under repair
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy-idle
D4- # 8824- under repair
D6- # 8833- operating
D6- # 8849- operating
D6- # 8848- under repair
D6- # 8835- under repair
D7- # 898- operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - under repair
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Received field adjustment report #GGT-007-R1

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 136 Page: 1 of 2 Date: 11-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		15.92	8.08	24.00	1282.91	1620.50	386.84				3290.25
Operating Time		13.00	6.50	19.50	922.25	1264.00	268.59				2454.84
% of Total Time		82%	80%	81%	72%	78%	69%				75%
Lost Time		2.92	1.58	4.50	322.41	322.17	118.25				762.83
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		22,857	20,585	43,442	2,451,558	2,870,094	669,429				5,991,081
Adjustments											
Avg. Gross Cys					45,862	42,507	41,532				
Gross CY/Hr		1,758	3,167	2,228	2,658	2,271	2,492				2,441
Gross Width		300	300								
% of Gross											
Avg. Gross Face		5.3	10.3								
Start Station	14+30	16+90	17+80								
End Station	16+40	18+65	19+60								
Advance		385	180	565	66,622	27,909	8,139				102,670
Avg. Advance					1,246	413	505				31
Adv. Ft/Hr		29.6	27.7	29.0	72	22	30				42
Coverage		115,500	54,000	169,500	11,974,131	5,824,040	1,937,700				19,735,871
Avg. Coverage					224,006	86,255	120,217				143,959
Coverage/Hr		8,885	8,308	8,692							
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		11,428	20,585	32,013		1,269,166	398,882				1,668,048
Pay CY/Hr		586	3,167	1,642		1,004	1,485				679
Gross Cys		22,857	20,585	43,442		2,846,512	649,207				3,495,719
Gross CY/Hr		1,758	3,167	2,228		2,252	2,417				1,424
% of gross		49%	100%	73%		44%	61%				47%
Start Station		94+50									
End Station		95+50									
Advance		100									
Adv. Ft/Hr		7									
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	17+72	5.83	132	23	8,618	1,477

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 136 Page: 2 of 2 Date: 11-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		342				342				342		
Rack		28				28				28		
Horsepower		4786				4786				4786		
Exhaust Temp.		892				892				892		
Dredge Fuel												
Pump RPM		312				312				312		
In Pressure		47				47				47		
Out Pressure	166				166				166			
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84				4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift	7.0	7.0	7.0
Submerged Line		16,560	16,560	Velocity	12.1	12.1	12.1
Shore Line		6,550	5,800				
Rubber Line			480				
Total Line Length		24,710	24,440				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	1.25	139.09
Rubber Line			7.17
Sub Line Dredge			7.91
Clean Pipeline	1	0.33	9.00
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	4	0.75	51.50
Traffic			6.67
Move Dredge	2	1.50	107.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			35.42
Operational Total	10	3.83	371.00
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In	1	0.67	31.84
Eng Rm Out			13.58
Mechanical Total	1	0.67	194.66
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	4.50	737.33

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
02:05	02:45	Add shore pipe on spoil area	0:40
07:10	07:30	Wash out line	0:20
07:30	08:20	Stop pumping sand, cut 10 S/S 1615, move dredge to cut 12	0:50
		at S/S 1520 and start pumping mud. Change out 2 cutter teeth	
09:05	09:45	Engine room In, work on main engine fuel lines	0:40
15:35	16:15	Wash out, Stop pumping mud cut 12 at S/S 1710, move dredge	0:40
		to cut 12 S/S 1180, start pumping sand	
16:40	16:55	Fix leak on shoreline and checked cutter	0:15
18:15	18:35	Spoil Area, build dikes	0:20
20:20	20:50	Port anchor shackle broke, replaced	0:30
	00:15	Move swing anchors 3 times	0:15
		TOTAL	4:30

REMARKS:

Pumped sand on beach cut 10 16+90 to 18+65 for 175' adv.(beach column). Pumped mud to marsh, cut 12 17+80 to 19+60 for 180' adv.(marsh column). Then pumped sand to beach, cut 12, 14+30 to 16+40 for 210' adv. (stripping column)

Both times and advances for the sand cuts are compiled into the beach column.

Prepared By: **Wm. Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/12/2006 **Report #** 355

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: A.M. rain,P.M overcast. **TEMPERATURE:** Min. 65 Max. 75

WIND SPEED: 10.00 to 20.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	2 to 4	Swell
Fill Area	2 to 4	Feet
Wave Direction	NE	

TIDE: 1.3 AM Morning tide
0.3 PM Evening tide

LOCATION OF DISCHARGE: 97+60/65 feet east of pay profile line no. CG 20

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 20.67 hrs.,beach/fill and 0.0 hrs. on marsh/fill.
1 Marsh buggy, 3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed also staked 110+00 to 113+00. Done checks from 108+00 to 111+48.
Survey crew did marsh A.D.'s from 55+82 to 75+18.

B. Subcontractor: Erosion Control Services
Fencing crew constructing fence,north 37+62 to 58+92, south 36+46 to 53+56

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy-under repair
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy-idle
D4- # 8824- under repair
D6- # 8833- leaving job
D6- # 8849- operating
D6- # 8848- leaving job
D6- # 8835- under repair
D7- # 898- operating
D6-#8850-arrived on job,operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - under repair
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 137 Page: 1 of 2 Date: 12-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1282.91	1644.50	386.84				3314.25
Operating Time		20.67		20.67	922.25	1284.67	268.59				2475.50
% of Total Time		86%		86%	72%	78%	69%				75%
Lost Time		3.33		3.33	322.41	325.50	118.25				766.17
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		21,146		21,146	2,451,558	2,891,240	669,429				6,012,227
Adjustments											
Avg. Gross Cys					45,862	42,195	41,532				
Gross CY/Hr		1,023		1,023	2,658	2,251	2,492				2,429
Gross Width		300									
% of Gross											
Avg. Gross Face		3.8									
Start Station	18+65	16+40									
End Station	20+60	19+50									
Advance		505		505	66,622	28,414	8,139				103,175
Avg. Advance					1,246	415	505				31
Adv. Ft/Hr		24.4		24.4	72	22	30				42
Coverage		151,500		151,500	11,974,131	5,975,540	1,937,700				19,887,371
Avg. Coverage					224,006	87,207	120,217				144,013
Coverage/Hr		7,331		7,331							
Req. Grade + O.D.		28&30									
Dredged Elev.		28&30									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		12,083		12,083		1,281,249	398,882				1,680,131
Pay CY/Hr		585		585		997	1,485				679
Gross Cys		21,146		21,146		2,867,658	649,207				3,516,865
Gross CY/Hr		1,023		1,023		2,232	2,417				1,421
% of Gross		57%		57%		44%	61%				47%
Start Station		95+50									
End Station		97+60									
Advance		210									
Adv. Ft/Hr		10									
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	22+12	5.42	152	28	6,100	1,126

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 137 Date: 12-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						331						
Rack						26						
Horsepower						5566						
Exhaust Temp.						858						
Dredge Fuel						6875						
Pump RPM						301						
In Pressure						43						
Out Pressure					146							
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		16,560		Velocity		12.5	
Shore Line		6,760					
Rubber Line							
Total Line Length		24,920					

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.42	139.50
Rubber Line			7.17
Sub Line Dredge			7.91
Clean Pipeline			9.00
Clean Pump			1.75
Clean Cutter/Suction			3.42
Anchors	5	0.67	52.16
Traffic			6.67
Move Dredge	1	0.67	107.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	2	0.67	36.08
Operational Total	9	2.42	373.42
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In	1	0.92	32.75
Eng Rm Out			13.58
Mechanical Total	1	0.92	195.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	3.33	740.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
08:00	08:20	Change out 5 cutter teeth, service ladder, grease block	0:20
09:40	10:00	Work on stbd. Spud friction	0:20
14:50	15:30	Stop digging sand in cut 12 @S/S 1700, Move the dredge to cut	0:40
		10 @ S/S1615 and start digging sand.	
15:30	15:50	Change port buoy on swing anchor	0:20
21:35	22:00	Add 7 pipe on fill	0:25
22:00	22:55	Engine room In?	0:55
	00:20	Move swing anchors	0:20
		TOTAL	3:20

REMARKS:

Digging sand and pumping to the shore all day. The times, cyds and advance are totaled into the beach column and the stations advanced are shown seperately.(Beach and stripping)

Prepared By: **Wm. Keith Stokes** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/13/2006 **Report #** 356

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: sunny **TEMPERATURE:** Min. 60 Max. 75

WIND SPEED: 15.00 to 20.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	2 to 4	Swell
Fill Area	2 to 4	Feet
Wave Direction	E	

TIDE: 1.3 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 99+90/295 feet east of pay profile line no. CG 20

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 12.25 hrs.,beach/fill and 8.25 hrs. on marsh/fill.
1 Marsh buggy,4 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed, also staked 108+00 to 113+00. Done visual check of runoff 106+00 to 109+00.
Survey crew did marsh A.D.'s from 69+00 to 76+00.

B. Subcontractor: Erosion Control Services
Fencing crew has completed north fence from 37+62 to 54+72, south fence from 36+46 to 57+76.
Fencing crew also continues to erect fence north and south to 67+00..

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating
Weeks 878 Marsh Buggy-operable/idle
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy-operable/idle
D4- # 8824- operable/idle
D6- # 8849- operating
D6- # 8835- operating
D7- # 898- operating
D6-#8850-operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 138 Page: 1 of 2 Date: 13-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		14.58	9.42	24.00	1282.91	1659.09	396.26				3338.25
Operating Time		12.25	8.25	20.50	922.25	1296.92	276.84				2496.00
% of Total Time		84%	88%	85%	72%	78%	70%				75%
Lost Time		2.33	1.17	3.50	322.41	327.83	119.42				769.67
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		14,013	24,053	38,066	2,451,558	2,891,240	693,482				6,036,280
Adjustments											
Avg. Gross Cys					45,862	41,824	42,002				
Gross CY/Hr			2,916	1,857	2,658	2,229	2,505				2,418
Gross Width		300	300								
% of Gross											
Avg. Gross Face			8.3								
Start Station	20+60	20+60	19+50								
End Station	22+30	22+60	22+10								
Advance		370	260	630	66,622	28,784	8,399				103,805
Avg. Advance					1,246	416	509				31
Adv. Ft/Hr		30.2	31.5	30.7	72	22	30				42
Coverage		111,000	78,000	189,000	11,974,131	6,086,540	2,015,700				20,076,371
Avg. Coverage					224,006	88,047	122,084				144,337
Coverage/Hr		9,061	9,455	9,220							
Req. Grade + O.D.		26'&30"	20'&30'								
Dredged Elev.		25.5'& 29.5"	18.5&29'								
Set Size		10	10								
Material Type		sand	mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		8,007	24,053	32,060		1,289,256	422,935				1,712,191
Pay CY/Hr		391	2,916	1,564		994	1,528				686
Gross Cys		14,013	24,053	38,066		2,881,256	673,260				3,554,516
Gross CY/Hr		1,144	2,916	1,857		2,222	2,432				1,424
% of Gross		57%	100%	84%		44%	62%				48%
Start Station		97+60	91+60								
End Station		99+90	91+60								
Advance		230	o	230		230					230
Adv. Ft/Hr		19	o	11		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	23+87	5.17	157	30	5,601	1,084

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 138 Page: 2 of 2 Date: 13-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						339				339		
Rack						26				26		
Horsepower						3965				3965		
Exhaust Temp.						868				868		
Dredge Fuel						7434				7434		
Pump RPM						308				308		
In Pressure						43				43		
Out Pressure					145				145			
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	7.0
Submerged Line		16,560	16,560	Velocity		12.0	12.0
Shore Line		6,990	5,800				
Rubber Line			480				
Total Line Length		25,150	24,440				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	1.50	141.00
Rubber Line			7.17
Sub Line Dredge			7.91
Clean Pipeline			9.00
Clean Pump			1.75
Clean Cutter/Suction	1	0.25	3.67
Anchors	5	0.42	52.58
Traffic			6.67
Move Dredge	2	1.33	109.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			36.08
Operational Total	11	3.50	376.92
Weather Standby			149.17
Weather Repairs			12.25
Weather Moving			10.25
Weather Total			171.67
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			32.75
Eng Rm Out			13.58
Mechanical Total			195.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	3.50	744.17

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
02:05	02:35	Pipe up on dump	0:30
07:40	08:15	Stop S/S 2010 in Cut 10 (sand on beach) wash out, move	0:35
		dredge to Cut 12 at S/S 1700(mud in marsh)	
08:15	08:30	Check cutter replace 1 tooth	0:15
16:55	17:40	Stop at S/S 1960 Cut 12 (mud in marsh) moved dredge to	0:45
		cut 11 (sand on beach) at S/S 1810, replaced 2 teeth	
20:30	21:00	Pipe up on dump, both lines	0:30
22:55	23:25	Pipe up on dump, both lines	0:30
	00:25	Move swing anchors	0:25
		Added 15 shore pipes today	
		TOTAL	3:30

REMARKS:

Dug in 3 locations today, 1st. In cut 10 from 20+60 to 22+60(sand) for 200 ft. 2nd in cut 12 from 19+50 to 22+10 (mud on marsh) for 260 ft. 3rd in cut 11 from 20+60 to 22+30 (sand on beach) **Note: cut 11 sand advance in indicated in the stripping column, but the 2** sand advances and time are tabulated in the beach column.

Prepared By: **Wm. Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/14/2006 **Report #** 357

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Overcast **TEMPERATURE:** Min. 60 Max. 75

WIND SPEED: 15.00 to 30.00 MPH **Direction** ESE

WAVE HEIGHT AT: **TIDE:** 1.3 AM Morning tide

Borrow Site 3 to 5 Swell 0.3 PM Evening tide

Fill Area 3 to 5 Feet

Wave Direction ESE

LOCATION OF DISCHARGE: 99+90/295 feet east of pay profile line no. CG 20

DRESSING OPERATIONS COMPLETE TO: 67+91/0 feet east of pay profile line no. CG 14

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 14.92 hrs., beach/fill and had 9.08 hrs. of lost time.
Lost time was due to inclement weather.
1 Marsh buggy,3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed, also staked out revised west end of fence from 16+32 to 8+18.
Survey crew did beach ck's. from 108+00 to 112+00 and 77+00 to 84+00.

B. Subcontractor: Erosion Control Services
Fencing crew has completed north fence from 37+62 to 54+72, south fence from 36+46 to 57+76.
Fencing crew also continues to erect fence north and south to 67+00.
Fencing crew is also erecting fence on west end from 16+32 to 8+18.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions. As of 5.00Pm. It was moved inshore due to weather.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge -operating/idle after 5.00Pm..
Weeks 878 Marsh Buggy-operable/idle
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy-operable/idle
D4- # 8824- operable/idle
D6- # 8849- operating
D6- # 8835- operating
D7- # 898- under repair
D6-#8850-operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.As of 5.00Pm.not operating due to weather.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 139 Page: 1 of 2 Date: 14-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1282.91	1683.09	396.26				3362.25
Operating Time		14.92		14.92	922.25	1311.84	276.84				2510.92
% of Total Time		62%		62%	72%	78%	70%				75%
Lost Time		9.08		9.08	322.41	336.92	119.42				778.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		26,800		26,800	2,451,558	2,932,053	693,482				6,077,093
Adjustments											
Avg. Gross Cys					45,862	41,810	42,002				
Gross CY/Hr		1,797		1,797	2,658	2,235	2,505				2,420
Gross Width		300									
% of Gross											
Avg. Gross Face		5.5									
Start Station		22+30									
End Station		26+66									
Advance		436		436	66,622	29,220	8,399				104,241
Avg. Advance					1,246	417	509				31
Adv. Ft/Hr		29.2		29.2	72	22	30				42
Coverage		130,800		130,800	11,974,131	6,217,340	2,015,700				20,207,171
Avg. Coverage					224,006	88,656	122,084				144,240
Coverage/Hr		8,769		8,769							
Req. Grade + O.D.		-26'									
Dredged Elev.		-25.5									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		17,866		17,866		1,307,122	422,935				1,730,057
Pay CY/Hr		1,198		1,198		996	1,528				689
Gross Cys		26,800		26,800		2,908,056	673,260				3,581,316
Gross CY/Hr		1,797		1,797		2,217	2,432				1,426
% of Gross		66%		66%		44%	62%				48%
Start Station		99+90									
End Station		99+90									
Advance		O									
Adv. Ft/Hr		O									
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600 shut down					

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 139 Page: 2 of 2 Date: 14-Oct-06

ENGINE ROOM & PUMP INFORMATION												
	Stripping				**Beach**				**Marsh**			
ITEM	**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**	
Engine RPM						336						
Rack						27						
Horsepower						3938						
Exhaust Temp.						870						
Dredge Fuel						6295						
Pump RPM						300						
In Pressure						45						
Out Pressure					146							
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	**Stripping**	**Beach**	**Marsh**	**ITEM**	**Stripping**	**Beach**	**Marsh**	**CUTTER**	
Rubber Line		1,600		Lift		7.0		Type	Super Sand Cutter
Submerged Line		16,560		Velocity		12.2		No. of Blades	6
Shore Line		6,990						Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length		25,150							

LOST TIME BREAKDOWN				LEVERMAN'S LOG			
DELAY	**# STOPS TODAY**	**HOURS TODAY**	**HOURS TO DATE**	**Stop Time**	**Start Time**	**Delays**	**Lost Time**
Shore Line/ Work	1	0.75	141.75	02:35	03:20	Pipe up on dump& push dikes	0:45
Rubber Line			7.17	04:00	05:10	Wash out pioeline, Stop in cut 11 at S/S 2416 (sand)	1:10
Sub Line Dredge			7.91	17:10	24:00	Pull dredge and equipment into safe harbor, seas becoming	6:50
Clean Pipeline	1	1.17	10.16			rough, winds blowing SE to S 15 to 25 mph.	
Clean Pump			1.75				
Clean Cutter/Suction			3.67				
Anchors	4	0.33	52.91				
Traffic			6.67				
Move Dredge			109.00				
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.			36.08				
Operational Total	6	2.25	379.17				
Weather Standby	1	6.83	156.00				
Weather Repairs			12.25				
Weather Moving			10.25				
Weather Total	1	6.83	178.50		00:20	Move swing anchors	0:20
Pump RPR			112.42			Add 3 shore pipe	
Cutter RPR			33.83				
Spud RPR			2.08				
Electrical			0.92				
Eng Rm In			32.75				
Eng Rm Out			13.58				
Mechanical Total			195.58	**REMARKS:**		TOTAL	9:05
Bstr (1) Deck				Dredge worked pumping sand from cut 11 most of the day today, advancing from stations			
Bstr (1) Eng Rm				22+30 to 26+66 for 436' of adv.			
Booster Total				Safety meeting was held in the galley today, all of the crew on hand was present.			
Total Lost Time	7	9.08	753.25				

Prepared By: **Wm. Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/15/2006 **Report #** 358

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Thunderstorms **TEMPERATURE:** Min. 60 Max. 78

WIND SPEED: 30.00 to 40.00 MPH **Direction** ESE

WAVE HEIGHT AT:

Borrow Site	4 to 6	Swell
Fill Area	4 to 6	Feet
Wave Direction	ESE	

TIDE: 1.5 AM Morning tide
0.4 PM Evening tide

1

LOCATION OF DISCHARGE: 99+90/295 feet east of pay profile line no. CG 20

DRESSING OPERATIONS COMPLETE TO: 77+60/0 feet east of pay profile line no. CG 16

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 0.00 hrs., beach/fill and had 24.00 hrs. of lost time.
Lost time was due to inclement weather.
1 Marsh buggy,3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed, also took checks from 106+64 to 110+00.
Survey crew shot ranges for new placement of marsh /fill discharge at 99+00 to 101+00.
Survey crew shot landward crown elevations at 80+00 to 100+00 for dressing operations.

B. Subcontractor: Erosion Control Services
Fencing crew continues to erect north fence at 54+72 to 67+32 and south fence at 57+76 to 66+16.
Fencing has been completed at west end revised add on from 16+32 to 8+18.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James has been moved inshore due to weather.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge-idle
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy-operable/idle
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy-operating
D4- # 8824- operable/idle
D6- # 8849- operating
D6- # 8835- operating
D7- # 898- under repair
D6-#8850-operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; On standby inshore due to weather.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 140 Page: 1 of 2 Date: 15-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1282.91	1707.09	396.26				3386.25
Operating Time					922.25	1311.84	276.84				2510.92
% of Total Time					72%	77%	70%				74%
Lost Time		24.00		24.00	322.41	360.92	119.42				802.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					2,451,558	2,932,053	693,482				6,077,093
Adjustments											
Avg. Gross Cys					45,862	41,222	42,002				
Gross CY/Hr					2,658	2,235	2,505				2,420
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					66,622	29,220	8,399				104,241
Avg. Advance					1,246	411	509				31
Adv. Ft/Hr					72	22	30				42
Coverage					11,974,131	6,217,340	2,015,700				20,207,171
Avg. Coverage					224,006	87,410	122,084				143,218
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys	0.00	0.00	0.00	0.00	0.00	1,307,122	422,935				1,730,057
Pay CY/Hr						996	1,528				689
Gross Cys						2,908,056	673,260				3,581,316
Gross CY/Hr						2,217	2,432				1,426
% of Gross						44%	62%				48%
Start Station		99+90									
End Station		99+90									
Advance		0.00									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00 Shut Down					

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 140 Date: 15-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel												
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Max Working Vacuum												
Vane x Dia												
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		0.00	0.00
Submerged Line		16,560	16,560	Velocity		0.00	0.00
Shore Line		6,990	7,000				
Rubber Line			480				
Total Line Length		25,150	25,640				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			141.75
Rubber Line			7.17
Sub Line Dredge			7.91
Clean Pipeline			10.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors			52.91
Traffic			6.67
Move Dredge			109.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			36.08
Operational Total			379.17
Weather Standby	1	24.00	180.00
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	1	24.00	202.50
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			32.75
Eng Rm Out			13.58
Mechanical Total			195.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	777.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	Dredge is located behind Grand Isle until this strong frontl	24:00
		system pass's. Dredge shut down all day. While down the	
		Captain, wade and Randal had their crew working on,	
		Taking off stbd. Swing wire	
		Make new eye in port buoy wire.	
		Rolled up old swing cable on barge	
		Started cleaning ladder	
		change stbd swing wire	
		weld de-watering pipe on stone box	
		change port anch buoy cable	
		weld spacer on skadget A-frame roller	
		change port fair leed swing sheave	
		and working in spud room	
		TOTAL	24:00

REMARKS:
Dredge shut down all day due to rough seas.(weather standing by)

Prepared By: **Wm. Keith Stokes** Approved By: ______

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/16/2006 **Report #** 359

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Thunderstorms **TEMPERATURE:** Min. 60 Max. 78

WIND SPEED: 25.00 to 35.00 MPH **Direction** S.

WAVE HEIGHT AT: **TIDE:** 1.3 AM Morning tide

Borrow Site	4 to 6	Swell	0.6 PM	Evening tide
Fill Area	4 to 6	Feet		
Wave Direction	S.			

LOCATION OF DISCHARGE: 99+90/295 feet east of pay profile line no. CG 20

DRESSING OPERATIONS COMPLETE TO: 77+60/0 feet east of pay profile line no. CG 16

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 0.00 hrs., beach/fill and had 24.00 hrs. of lost time.
Lost time was due to inclement weather.
1 Marsh buggy,3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed, also took checks from 88+86 to100+00.

B. Subcontractor: Erosion Control Services
Fencing crew on standby due to inclement weather.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James has been moved inshore due to weather.
Shore crew continues dressing where needed, and moving pipe.
High tides and strong winds,rough surf are causing the beach to erode.
Heavy rains and high tides are filling up the marsh/fill areas with excess water.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge-idle
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy-operable/idle
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy-operating
D4- # 8824- operable/idle
D6- # 8849- operating
D6- # 8835- operating
D7- # 898- under repair
D6-#8850-operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; On standby inshore due to weather.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Eric Adaline
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 141 Page: 1 of 2 Date: 16-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1282.91	1731.09	396.26				3410.25
Operating Time					922.25	1311.84	276.84				2510.92
% of Total Time					72%	76%	70%				74%
Lost Time		24.00		24.00	322.41	384.92	119.42				826.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					2,451,558	2,932,053	693,482				6,077,093
Adjustments											
Avg. Gross Cys					45,862	40,650	42,002				
Gross CY/Hr					2,658	2,235	2,505				2,420
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					66,622	29,220	8,399				104,241
Avg. Advance					1,246	405	509				31
Adv. Ft/Hr					72	22	30				42
Coverage					11,974,131	6,217,340	2,015,700				20,207,171
Avg. Coverage					224,006	86,198	122,084				142,210
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys	0.00	0.00	0.00	0.00		1,307,122	422,935				1,730,057
Pay CY/Hr						996	1,528				689
Gross Cys						2,908,056	673,260				3,581,316
Gross CY/Hr						2,217	2,432				1,426
% of Gross						44%	62%				48%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00 Shut down					

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 141 Page: 2 of 2 Date: 16-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel						254						
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Max Working Vacuum												
Vane x Dia												
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift		0.00	0.00
Submerged Line				Velocity		0.00	0.00
Shore Line							
Rubber Line							
Total Line Length							

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			141.75
Rubber Line			7.17
Sub Line Dredge			7.91
Clean Pipeline			10.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors			52.91
Traffic			6.67
Move Dredge			109.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			36.08
Operational Total			379.17
Weather Standby	1	24.00	204.00
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	1	24.00	226.50
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			32.75
Eng Rm Out			13.58
Mechanical Total			195.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	801.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	Shut down due to rough sea conditions. Dredge is inside	24:00
		safe harbor, behind Grand Isle, awaiting favorable weather	
		conditions.	
		Working in spud room	
		Change pads on stbd friction band	
		Hard surface welding on cutter head	
		Clean dragline barge	
		TOTAL	24:00

REMARKS:

Prepared By: **Wm. Keith Stokes** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/17/2006 **Report #** 360

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy **TEMPERATURE:** Min. 65 Max. 80

WIND SPEED: 5.00 to 10.00 MPH **Direction** S.

WAVE HEIGHT AT: **TIDE:** 1.3 AM Morning tide

Borrow Site	4 to 6	Swell	0.6 PM	Evening tide
Fill Area	4 to 6	Feet		
Wave Direction	S.			

LOCATION OF DISCHARGE: 99+90/295 feet east of pay profile line no. CG 20

DRESSING OPERATIONS COMPLETE TO: 77+60/0 feet east of pay profile line no. CG 16

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 0.00 hrs., beach/fill and had 24.00 hrs. of lost time.
Lost time was due to inclement weather.
1 Marsh buggy,3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby due to inclement weather.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James has been moved inshore due to weather.
Shore crew continues dressing where needed, and moving pipe.
High tides and strong winds,rough surf are causing the beach to erode.
Heavy rains and high tides are filling up the marsh/fill areas with excess water.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge-idle
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy-operable/idle
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy-operating
D4- # 8824- operable/idle
D6- # 8849- operating
D6- # 8835- operating
D7- # 898- under repair
D6-#8850-operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; On standby inshore due to weather.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) No . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) No

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: No swing file dredge is down.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 142 Page: 1 of 2 Date: 17-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1282.91	1755.09	396.26				3434.25
Operating Time					922.25	1311.84	276.84				2510.92
% of Total Time					72%	75%	70%				73%
Lost Time		24.00		24.00	322.41	408.92	119.42				850.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					2,451,558	2,932,053	693,482				6,077,093
Adjustments											
Avg. Gross Cys					45,862	40,094	42,002				
Gross CY/Hr					2,658	2,235	2,505				2,420
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					66,622	29,220	8,399				104,241
Avg. Advance					1,246	400	509				30
Adv. Ft/Hr					72	22	30				42
Coverage					11,974,131	6,217,340	2,015,700				20,207,171
Avg. Coverage					224,006	85,019	122,084				141,216
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,307,122	422,935				1,730,057
Pay CY/Hr						996	1,528				689
Gross Cys						2,908,056	673,260				3,581,316
Gross CY/Hr						2,217	2,432				1,426
% of Gross						44%	62%				48%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	Shut down					

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 142 Page: 2 of 2 Date: 17-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel						327						
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Max Working Vacuum												
Vane x Dia												
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift			
Submerged Line				Velocity			
Shore Line							
Rubber Line							
Total Line Length							

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			141.75
Rubber Line			7.17
Sub Line Dredge			7.91
Clean Pipeline			10.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors			52.91
Traffic			6.67
Move Dredge			109.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			36.08
Operational Total			379.17
Weather Standby	1	24.00	228.00
Weather Repairs			12.25
Weather Moving			10.25
Weather Total	1	24.00	250.50
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			32.75
Eng Rm Out			13.58
Mechanical Total			195.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	825.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	Shut down for weather, seas too rough. Dredge is located behind	24
		Grand Isle awaiting passage of frontal system.	
		While shut down the crew worked on	
		Cleaning the spud hoist	
		Change port and stbd wheel on Steve L	
		Delta ranger arrived with welding barge with supplies	
		Load marsh buggy tracks on bayou princess and cheyenne	
		TOTAL	24

REMARKS:
" Note" At 0600 hrs this morning (10-18-06) captain and crew are making preparations to move the dredge back on location, planning to starting up working in cut 11, pumping mud to the marsh area

Prepared By: **Wm. Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/18/2006 **Report #** 361

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: P. CLOUDY **TEMPERATURE:** Min. 71 Max. 82

WIND SPEED: 5.00 to 10.00 MPH **Direction** S.

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	S.	

TIDE: 1.1 AM Morning tide
0.8 PM Evening tide

LOCATION OF DISCHARGE: 102+05/24 feet east of pay profile line no. CG 21

DRESSING OPERATIONS COMPLETE TO: 77+60/0 feet east of pay profile line no. CG 16

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 5.67 hrs.,beach/fill and 18.33 hrs. on marsh/fill.
1 Marsh buggy,3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed. And took checks on sta. 96+96 to 100+00.

B. Subcontractor: Erosion Control Services
Fencing crew continues to erect north fence at 54+72 to 67+32 and south fence at 57+76 to 66+16.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge-idle
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy-operable/idle
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy-operating
D4- # 8824- operable/idle
D6- # 8849- operating
D6- # 8835- operating
D7- # 898- under repair
D6-#8850-operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes
been excavated below the limit as shown in the p Yes . Also, do you certify that the borrow area has not

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 143 Page: 1 of 2 Date: 18-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		5.67	18.33	24.00	1282.91	1760.75	414.59				3458.25
Operating Time		5.58	5.08	10.66	922.25	1317.42	281.92				2521.58
% of Total Time		99%	28%	44%	72%	75%	68%				73%
Lost Time		0.08	13.25	13.33	322.41	409.00	132.67				864.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		8,197	11,476	19,673	2,451,558	2,940,250	704,958				6,096,766
Adjustments											
Avg. Gross Cys					45,862	40,077	40,809				
Gross CY/Hr		1,468	2,259	1,845	2,658	2,232	2,501				2,418
Gross Width		300	300								
% of Gross											
Avg. Gross Face		4.2	6.7								
Start Station		19+30	22+00								
End Station		21+05	23+55								
Advance		175	155	330	66,622	29,395	8,554				104,571
Avg. Advance					1,246	401	495				30
Adv. Ft/Hr		31.3	30.5	30.9	72	22	30				41
Coverage		52,500	46,500	99,000	11,974,131	6,269,840	2,062,200				20,306,171
Avg. Coverage					224,006	85,461	119,379				140,923
Coverage/Hr		9,403	9,154	9,284							
Req. Grade + O.D.		-30+5'OD	-20to-30								
Dredged Elev.		-28.6	-24.8								
Set Size		10	10								
Material Type		Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		3,279	4,590	7,869		1,310,401	427,525				1,737,926
Pay CY/Hr		307	904	738		995	1,516				689
Gross Cys		8,197	11,476	19,673		2,916,253	684,736				3,600,989
Gross CY/Hr		1,468	2,259	1,845		2,214	2,429				1,428
% of Gross		40%	40%	40%		45%	62%				48%
Start Station		99+90	91+60								
End Station		102+05	91+60								
Advance		215		215		215					215
Adv. Ft/Hr		39		20		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	22+41	5.92	136	23	10,070	1,702

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 143 Date: 18-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						340				340		
Rack						28				28		
Horsepower						4769				4769		
Exhaust Temp.						881				881		
Dredge Fuel						2924				2924		
Pump RPM						339				339		
In Pressure						46				46		
Out Pressure					46	163			46	163		
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	7.0
Submerged Line		16,560	16,560	Velocity		11.7	11.7
Shore Line		7,205	5,800				
Rubber Line			480				
Total Line Length		25,365	24,440				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			141.75
Rubber Line			7.17
Sub Line Dredge			7.91
Clean Pipeline			10.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	2	0.17	53.08
Traffic			6.67
Move Dredge	1	0.92	109.92
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.50	36.58
Operational Total	4	1.58	380.75
Weather Standby	1	10.00	238.00
Weather Repairs			12.25
Weather Moving	1	1.75	12.00
Weather Total	2	11.75	262.25
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			32.75
Eng Rm Out			13.58
Mechanical Total			195.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	13.33	838.58

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	10:00	Stand By- weather	10:00
10:00	11:45	Spud down on location, Set up dredge & equip. Cut12Mud SS 19+5	1:45
12:25	12:55	Splice new eye in port swing cable "stranded".	0:30
17:25	18:20	stop pumping mud Cut12mud SS 21+05 ,wash Out line, moved to	0:55
		Cut12Sand SS 16+80	
	00:10	Moved Anchors 2X	0:10
		TOTAL	13:20

REMARKS:

Returned to location, began digging Mud, Cut12mud STA's 22+00-23+55 (Marsh Column)=155' ad
then dug sand at Cut12Sand STA's 19+30-21+05 (Beach Column)=175' advance

Dug Sand depths according to Mud vs Sand ratio, found better sand at different depths

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/19/2006 **Report #** 362

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: P. CLOUDY **TEMPERATURE:** Min. 71 Max. 83

WIND SPEED: 5.00 to 10.00 MPH **Direction** S.

WAVE HEIGHT AT:

Borrow Site	3 TO 5	Swell
Fill Area	3 TO 5	Feet
Wave Direction	S.	

TIDE: 0.8 AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE: 102+05/24 feet east of pay profile line no. CG 21

DRESSING OPERATIONS COMPLETE TO: 77+60/0 feet east of pay profile line no. CG 16

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 14.25 hrs.,beach/fill and 9.75 hrs. on marsh/fill.
1 Marsh buggy,3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed. And took checks on sta.101+00 to 105+00

B. Subcontractor: Erosion Control Services
Fencing crew continues to erect north fence at 54+72 to 67+32 and south fence at 57+76 to 66+16.
This information is correct

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge-idle
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy-operable/idle
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy-operating
D4- # 8824- operable/idle
D6- # 8849- operating
D6- # 8835- operating
D7- # 898- under repair
D6-#8850-operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A
NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 144 Page: 1 of 2 Date: 19-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		14.25	9.75	24.00	1282.91	1775.00	424.34				3482.25
Operating Time		13.42	8.42	21.83	922.25	1330.84	290.33				2543.42
% of Total Time		94%	86%	91%	72%	75%	68%				73%
Lost Time		0.83	1.33	2.17	322.41	409.83	134.00				866.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		18,941	25,934	44,875	2,451,558	2,959,191	730,892				6,141,641
Adjustments											
Avg. Gross Cys					45,862	40,012	41,338				
Gross CY/Hr		1,412	3,081	2,055	2,658	2,224	2,517				2,415
Gross Width		300	300								
% of Gross											
Avg. Gross Face		6.2	11.1								
Start Station	22+59	21+05	23+55								
End Station	23+68	22+72	25+65								
Advance		276	210	486	66,622	29,671	8,764				105,057
Avg. Advance					1,246	401	496				30
Adv. Ft/Hr		20.6	25.0	22.3	72	22	30				41
Coverage		82,800	63,000	145,800	11,974,131	6,352,640	2,125,200				20,451,971
Avg. Coverage					224,006	85,895	120,199				140,957
Coverage/Hr		6,171	7,485	6,678							
Req. Grade + O.D.	-26+5'OD	-26+5'OD	-20to-30								
Dredged Elev.	-29.4	-28.2	-24.4								
Set Size	10	10	10								
Material Type	Sand	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		7,576	10,374	17,950		1,317,977	437,899				1,755,876
Pay CY/Hr		347	1,233	822		990	1,508				690
Gross Cys		18,941	25,934	44,875		2,935,194	710,670				3,645,864
Gross CY/Hr		1,412	3,081	2,055		2,206	2,448				1,433
% of Gross		40%	40%	40%		45%	62%				48%
Start Station		102+05	91+60								
End Station		102+05	91+60								
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	24+59	4.75	91	19	6,910	1,455

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 144 Date: 19-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						338				338		
Rack						32				32		
Horsepower						6208				6208		
Exhaust Temp.						915				915		
Dredge Fuel						7563				7563		
Pump RPM						308				308		
In Pressure						49				49		
Out Pressure					49	178			49	178		
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	7.0
Submerged Line		16,560	16,560	Velocity		11.7	11.7
Shore Line		7,205	5,800				
Rubber Line			480				
Total Line Length		25,365	24,440				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			141.75
Rubber Line			7.17
Sub Line Dredge			7.91
Clean Pipeline			10.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	4	0.33	53.41
Traffic			6.67
Move Dredge	2	1.00	110.92
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			36.58
Operational Total	6	1.33	382.08
Weather Standby			238.00
Weather Repairs			12.25
Weather Moving			12.00
Weather Total			262.25
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In	2	0.83	33.59
Eng Rm Out			13.58
Mechanical Total	2	0.83	196.41
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	2.17	840.75

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:15	07:35	Moved Dredge from Cut12Sand SS 20+22 to Cut12Mud SS 21+05	0:20
14:10	14:40	ER IN- fixed leak M. Engine	0:30
16:40	17:20	Moved Dredge- from Cut12Mud SS 23+15 to Cut10Sand SS 19+75	0:40
21:25	21:45	ER IN- Change "2" gaskets on #6 & # 7 Pet Cork	0:20
	00:20	Moved Anchors 4X	0:20
		TOTAL	2:10

REMARKS:

Dug Sand - Cut12Sand STA's 21+05 to 22+72 (Beach Column)=167' advance, then to
Cut12Mud STA's 23+55 to 25+65 (Marsh Column)=210' advance, then to
Cut10Sand STA's 22+59 to 23+68 (Stripping Column)=109' advance **Combined Sand total =276'**
Dug sand depth according to MUD vs SAND ratio, finding better sand at different depths

Prepared By: **Nicholas Marshall** Approved By: ______

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/20/2006 **Report #** 363

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: P. CLOUDY **TEMPERATURE:** Min. 71 Max. 79

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	SE	

TIDE: 0.7 AM Morning tide
1.2 PM Evening tide

LOCATION OF DISCHARGE: 102+05/24 feet east of pay profile line no. CG 21

DRESSING OPERATIONS COMPLETE TO: 77+60/0 feet east of pay profile line no. CG 16

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 14.75 hrs.,stripping and 9.25 hrs. on beach/fill.
1 Marsh buggy,3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew continues to erect north fence at 54+72 to 67+32 and south fence at 57+76 to 66+16.
This information is correct

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

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Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy-operable/idle
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy-operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D7- # 898 - under repair
D6-#8850 - operating
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

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6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
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The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A
NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 145 Page: 1 of 2 Date: 20-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	14.75	9.25		24.00	1297.66	1784.25	424.34				3506.25
Operating Time	14.58	5.17		19.75	936.83	1336.00	290.33				2563.17
% of Total Time	99%	56%		82%	72%	75%	68%				73%
Lost Time	0.17	4.08		4.25	322.58	413.92	134.00				870.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	39,327	12,953		52,280	2,490,885	2,972,144	730,892				6,193,921
Adjustments											
Avg. Gross Cys					46,068	39,978	41,338				
Gross CY/Hr	2,697	2,507		2,647	2,659	2,225	2,517				2,417
Gross Width	300	300									
% of Gross											
Avg. Gross Face	9.3	5.9									
Start Station	18+25	23+68									
End Station	22+05	25+65									
Advance	380	197		577	67,002	29,868	8,764				105,634
Avg. Advance					1,239	402	496				30
Adv. Ft/Hr	26.1	38.1		29.2	72	22	30				41
Coverage	114,000	59,100		173,100	12,088,131	6,411,740	2,125,200				20,625,071
Avg. Coverage					223,568	86,244	120,199				141,177
Coverage/Hr	7,817	11,439		8,765							
Req. Grade + O.D.	-24 to -26	-26+5' OD									
Dredged Elev.	-23.8	-29.4									
Set Size	10	10									
Material Type	Mud	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		5,181		5,181		1,323,158	437,899				1,761,057
Pay CY/Hr		262		262		990	1,508				687
Gross Cys		12,953		12,953		2,948,147	710,670				3,658,817
Gross CY/Hr		2,507		656		2,207	2,448				1,427
% of Gross		40%		150%		45%	62%				48%
Start Station		102+05	91+60								
End Station		102+05	91+60								
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	23+93	5.83	188	32	15,912	2,728

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 145 Date: 20-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		218				218						
Rack		27				27						
Horsepower		3797				3797						
Exhaust Temp.		733				733						
Dredge Fuel		5328				5328						
Pump RPM		199				199						
In Pressure		18				18						
Out Pressure	18	48			18	48						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84				4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600	1,600		Lift	1.0	7.0		Type	Super Sand Cutter
Submerged Line		16,560		Velocity	29.5	29.5		No. of Blades	6
Shore Line		7,205						Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length	1,600	25,365							

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work			141.75	03:10	04:20	Cut Starboard Cable Splice new eye	1:10
Rubber Line			7.17	06:30	07:35	Clean pipeline- Stopped digging Cut10Sand SS 22+15	1:05
Sub Line Dredge	1	1.67	9.58	07:35	09:15	Take OUT Sub Line- 1400' & Put Tanks Under Rubber Hose &	1:40
Clean Pipeline	1	1.08	11.25			Put Head Anchor on ,, Move Dredge to Cut18Mud SS 15+15 Strippi	
Clean Pump			1.75				
Clean Cutter/Suction			3.67				
Anchors	4	0.33	53.75		00:20	Moved Anchors 4X	0:20
Traffic			6.67				
Move Dredge			110.92				
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.	1	1.17	37.75				
Operational Total	7	4.25	386.33				
Weather Standby			238.00				
Weather Repairs			12.25				
Weather Moving			12.00				
Weather Total			262.25				
Pump RPR			112.42				
Cutter RPR			33.83				
Spud RPR			2.08				
Electrical			0.92				
Eng Rm In			33.59				
Eng Rm Out			13.58				
Mechanical Total			196.41	**REMARKS:**		TOTAL	4:15
Bstr (1) Deck				Dug Sand - Cut10Sand STA's 23+68 to 25+65 (Beach Column)=197' Advance, then moved to			
Bstr (1) Eng Rm				Cut18Mud STA's 18+25 to 22+05 (Stripping Column) = 380' advance (pumped over board)			
Booster Total				Removed 1400' Subline at 07:30 after switching to Mud/ Stripping over board			
Total Lost Time	7	4.25	845.00	Dug Sand depths according to Mud vs Sand ratio, then began stripping Mud and pump overboard			

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/21/2006 **Report #** 364

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: P. CLOUDY **TEMPERATURE:** Min. 70 Max. 78

WIND SPEED: 0.00 to 5.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	SW	

TIDE: 0.5 AM Morning tide
1.4 PM Evening tide

LOCATION OF DISCHARGE: 102+80/100 feet east of pay profile line no. CG 21

DRESSING OPERATIONS COMPLETE TO: 77+60/0 feet east of pay profile line no. CG 16

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 20.75 hrs.,stripping.
1 Marsh buggy,3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed. And took checks on sta. 77+00 to 96+96.

B. Subcontractor: Erosion Control Services
Fencing crew is planting grass on dike.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824- operable/idle
D6- # 8849- operating
D6- # 8835- operating
D7- # 898- under repair
D6-#8850-operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes
been excavated below the limit as shown in the pl Yes . Also, do you certify that the borrow area has not

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 146 Page: 1 of 2 Date: 21-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1321.66	1784.25	424.34				3530.25
Operating Time	20.75			20.75	957.58	1336.00	290.33				2583.92
% of Total Time	86%			86%	72%	75%	68%				73%
Lost Time	3.25			3.25	325.83	413.92	134.00				873.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	63,500			63,500	2,554,385	2,972,144	730,892				6,257,421
Adjustments											
Avg. Gross Cys					46,385	39,978	41,338				
Gross CY/Hr	3,060			3,060	2,668	2,225	2,517				2,422
Gross Width	300										
% of Gross											
Avg. Gross Face	9.0										
Start Station	22+05	24+65	9+70								
End Station	26+10	24+65	12+00								
Advance	635			635	67,637	29,868	8,764				106,269
Avg. Advance					1,228	402	496				30
Adv. Ft/Hr	30.6			30.6	71	22	30				41
Coverage	190,500			190,500	12,278,631	6,411,740	2,125,200				20,815,571
Avg. Coverage					222,967	86,244	120,199				141,512
Coverage/Hr	9,181			9,181							
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,323,158	437,899				1,761,057
Pay CY/Hr						990	1,508				682
Gross Cys						2,948,147	710,670				3,658,817
Gross CY/Hr						2,207	2,448				1,416
% of Gross						45%	62%				48%
Start Station		102+05	91+60								
End Station		102+80	91+60								
Advance		75		75		75					75
Adv. Ft/Hr				4		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+69	5.75	169	29	13,969	2,429

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 146 Date: 21-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		232										
Rack		27										
Horsepower		3635										
Exhaust Temp.		791										
Dredge Fuel		5441										
Pump RPM		208										
In Pressure		21										
Out Pressure	21	57										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift	1.0		
Submerged Line		16,560		Velocity	29.7		
Shore Line		7,280					
Rubber Line							
Total Line Length	1,600	25,440					

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			141.75
Rubber Line			7.17
Sub Line Dredge			9.58
Clean Pipeline			11.25
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	7	0.58	54.33
Traffic			6.67
Move Dredge	2	1.08	112.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	2	1.58	39.33
Operational Total	11	3.25	389.58
Weather Standby			238.00
Weather Repairs			12.25
Weather Moving			12.00
Weather Total			262.25
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			33.59
Eng Rm Out			13.58
Mechanical Total			196.41
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	3.25	848.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
08:00	08:15	Changed Cutter Teeth (1)	0:15
14:05	14:20	Moved Dredge- from Cut18Mud SS 23+60 to Cut12Mud SS 22+15	0:15
14:20	15:40	Changed Port Swing Cable	1:20
15:40	16:30	Moved Dredge- from Cut12Mud SS 22+15 to Cut24Mud SS 7+40	0:50
	00:35	Moved Anchors 7X	0:35
		TOTAL	3:15

REMARKS:

Stripped Mud & pumped over board- Cut18Mud STA's 22+05 to 26+10 (Stripp Column)=405' Adv. then to, Cut12Mud STA's 24+65 to 24+65 (Beach Column)= 0' Advance (changed plan), then to Cut24Mud STA's 9+70 to 12+00 (Marsh Column)= 230' Advance **(Combined Advance= 635')**
Dug depths according to MUD vs SAND ratio, finding sand at above grade

Prepared By: **Nicholas Marshall** Approved By: ____________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/22/2006 **Report #** 365

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Rain **TEMPERATURE:** Min. 68 Max. 76

WIND SPEED: 10.00 to 20.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	NE	

TIDE: 0.3 AM Morning tide
1.5 PM Evening tide

LOCATION OF DISCHARGE: 105+80/400 feet east of pay profile line no. CG 21

DRESSING OPERATIONS COMPLETE TO: 77+60/0 feet east of pay profile line no. CG 16

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 23.8 hrs.,stripping.
1 Marsh buggy,3 Dozers worked on beach fill/grade and pipe relocation.
Survey crew regraded and replaced stakes as needed. And took checks on sta. 88+00 to 108+00.

B. Subcontractor: Erosion Control Services
Fencing crew is planting grass on dike.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D7- # 898 - operating/idle
D6-#8850 - operating
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?)
been excavated below the limit as shown in the pl Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A

NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 147 Page: 1 of 2 Date: 22-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1345.66	1784.25	424.34				3554.25
Operating Time	23.08			23.08	980.66	1336.00	290.33				2607.00
% of Total Time	96%			96%	73%	75%	68%				73%
Lost Time	0.92			0.92	326.75	413.92	134.00				874.67
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	66,300			66,300	2,620,685	2,972,144	730,892				6,323,721
Adjustments											
Avg. Gross Cys					46,740	39,978	41,338				
Gross CY/Hr	2,872			2,872	2,672	2,225	2,517				2,426
Gross Width	300										
% of Gross											
Avg. Gross Face	7.8										
Start Station	12+00										
End Station	19+65										
Advance	765			765	68,402	29,868	8,764				107,034
Avg. Advance					1,220	402	496				30
Adv. Ft/Hr	33.1			33.1	70	22	30				41
Coverage	229,500			229,500	12,508,131	6,411,740	2,125,200				21,045,071
Avg. Coverage					223,084	86,244	120,199				142,106
Coverage/Hr	9,942			9,942							
Req. Grade + O.D.	-24to-28										
Dredged Elev.	-24.8										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,323,158	437,899				1,761,057
Pay CY/Hr						990	1,508				676
Gross Cys						2,948,147	710,670				3,658,817
Gross CY/Hr						2,207	2,448				1,403
% of Gross						45%	62%				48%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	21+55	5.92	190	32	16,466	2,783

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 147 Page: 2 of 2 Date: 22-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		235										
Rack		23										
Horsepower		2904										
Exhaust Temp.		790										
Dredge Fuel		7824										
Pump RPM		211										
In Pressure		23										
Out Pressure	23	56										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	28.6		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			141.75
Rubber Line	1	0.17	7.34
Sub Line Dredge			9.58
Clean Pipeline			11.25
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	7	0.58	54.91
Traffic			6.67
Move Dredge			112.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.17	39.50
Operational Total	9	0.92	390.50
Weather Standby			238.00
Weather Repairs			12.25
Weather Moving			12.00
Weather Total			262.25
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			33.59
Eng Rm Out			13.58
Mechanical Total			196.41
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	0.92	849.17

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
02:25	02:35	Reset Rubber Line: Anchor Drug	0:10
09:00	09:10	Check Cutter	0:10
	00:35	Moved Anchors 7X	0:35
		TOTAL	0:55

REMARKS:

Stripped Mud according to Mud vs Sand ratio, found that mud ends at verrying depths close to grad

Dug Cut24mud STA's 12+00 to 19+65 (Stripping Column)=765' advance, all pumped overboard…

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/23/2006 **Report #** 366

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Windy **TEMPERATURE:** Min. 59 Max. 70

WIND SPEED: 10.00 to 25.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	NE	

TIDE: 0.2 AM Morning tide
1.6 PM Evening tide

LOCATION OF DISCHARGE: 105+80/400 feet east of pay profile line no. CG 21
Marsh 100+40/345 feet east of pay profile line no. CG 20
DRESSING OPERATIONS COMPLETE TO: 77+60/0 feet east of pay profile line no. CG 16

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 7.33 hrs.,stripping, 7.33 hrs. on beach/fill, and 5.92 hrs. on marsh/fill.
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed. And took checks on sta. 109+00 to 116+00

B. Subcontractor: Erosion Control Services
Fencing crew is planting grass on dike.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.
The advance on beach is slow due to material not building up.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D7- # 898 - operating/idle
D6-#8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes
been excavated below the limit as shown in the pl Yes . Also, do you certify that the borrow area has not

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 148 Page: 1 of 2 Date: 23-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	8.00	7.67	8.33	24.00	1353.66	1791.92	432.67				3578.25
Operating Time	7.33	7.33	5.92	20.58	988.00	1343.34	296.25				2627.58
% of Total Time	92%	96%	71%	86%	73%	75%	68%				73%
Lost Time	0.67	0.33	2.42	3.42	327.41	414.25	136.42				878.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	20,842	24,035	20,084	64,961	2,641,527	2,996,179	750,976				6,388,682
Adjustments											
Avg. Gross Cys					46,834	40,129	41,656				
Gross CY/Hr	2,842	3,278	3,395	3,156	2,674	2,230	2,535				2,431
Gross Width	300	300	300								
% of Gross											
Avg. Gross Face	9.9	10.6	9.3								
Start Station	19+65	21+90	21+55								
End Station	21+55	23+95	23+50								
Advance	190	205	195	590	68,592	30,073	8,959				107,624
Avg. Advance					1,216	403	497				30
Adv. Ft/Hr	25.9	28.0	33.0	28.7	69	22	30				41
Coverage	57,000	61,500	58,500	177,000	12,565,131	6,473,240	2,183,700				21,222,071
Avg. Coverage					222,776	86,699	121,129				142,340
Coverage/Hr	7,773	8,386	9,887	8,599							
Req. Grade + O.D.	-24to-26	-30+5'OD	-26to-28								
Dredged Elev.	-24.5	-32.2	-25.8								
Set Size	10	10	10								
Material Type	Mud	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		9,614	8,034	17,648		1,332,772	445,933				1,778,705
Pay CY/Hr		467	1,358	857		992	1,505				677
Gross Cys		24,035	20,084	44,119		2,972,182	730,754				3,702,936
Gross CY/Hr		3,278	3,395	2,143		2,213	2,467				1,409
% of Gross		40%	40%	40%		45%	61%				48%
Start Station		102+80	100+40								
End Station		105+80	100+40								
Advance		300		300		300					300
Adv. Ft/Hr		41		15		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	25+40	4.83	145	30	16,591	3,433

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 148 Date: 23-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		333				333				333		
Rack		27				27				27		
Horsepower		4456				4456				4456		
Exhaust Temp.		878				878				878		
Dredge Fuel		6095				6095				6095		
Pump RPM		304				304				304		
In Pressure		47				47				47		
Out Pressure	47	166			47	166			47	166		
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84				4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600	1,600	Lift	1.0	7.0	7.0
Submerged Line		16,560	16,560	Velocity	11.6	11.6	11.6
Shore Line		7,580	6,680				
Rubber Line			480				
Total Line Length	1,600	25,740	25,320				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	1.17	142.92
Rubber Line	1	0.50	7.84
Sub Line Dredge			9.58
Clean Pipeline			11.25
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	6	0.50	55.41
Traffic			6.67
Move Dredge	1	0.75	112.75
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			39.50
Operational Total	9	2.92	393.42
Weather Standby			238.00
Weather Repairs			12.25
Weather Moving			12.00
Weather Total			262.25
Pump RPR			112.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In	2	0.50	34.09
Eng Rm Out			13.58
Mechanical Total	2	0.50	196.91
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	3.42	852.58

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:30	08:00	Rubber Line- Connect rubber hose to Subline	0:30
08:55	10:05	Shore Line/Work- Fix leak In shoreline	1:10
10:05	10:25	ER In - Main Engine would not start	0:20
15:35	16:20	Moved Dredge-(& wash out line) from Cut24Mud SS 21+00 to	0:45
		Cut18Sand SS 19+40	
17:55	18:05	ER In - small cat "OUT"	0:10
	00:30	Moved Anchors 6X	0:30
		TOTAL	3:25

REMARKS:

Stripped Mud and pumped O.B.- Cut24mud STA's 19+65-21+55 (Stripping Column)=190' adv.,then
Cut24mud STA's 21+55-23+50(Marsh C.)=195', then moved Cut18Sand STA's 21+90-23+95(Beach C.)=205' adv.
Made adjustments to Subline length, removed two sections on 10/20 (aprox. 1400')
Adjusted Sand dig depths according to shore reports of Sand vs Mud ratio, better sand at different depths

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/24/2006 **Report #** 367

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 61 Max. 74

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	NE	

TIDE: 0.1 AM Morning tide
1.7 PM Evening tide

LOCATION OF DISCHARGE: 106+20/440 feet east of pay profile line no. CG 21
Marsh 102+40/60 feet east of pay profile line no. CG 21
DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 20.5 hrs., stripping.
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew took AD's on sta. 77+00 to 87+00.

B. Subcontractor: Erosion Control Services
Fencing crew is planting grass on dike.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.
The advance on beach is slow due to material not building up.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D7- # 898 - operating/idle
D6-#8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes
been excavated below the limit as shown in the pl Yes . Also, do you certify that the borrow area has not

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 149 Page: 1 of 2 Date: 24-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1353.66	1815.92	432.67				3602.25
Operating Time		20.50		20.50	988.00	1363.84	296.25				2648.08
% of Total Time		85%		85%	73%	75%	68%				74%
Lost Time		3.50		3.50	327.41	417.75	136.42				881.58
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		38,599		38,599	2,641,527	3,034,778	750,976				6,427,281
Adjustments											
Avg. Gross Cys					46,834	40,109	41,656				
Gross CY/Hr		1,883		1,883	2,674	2,225	2,535				2,427
Gross Width		300									
% of Gross											
Avg. Gross Face		8.4									
Start Station		23+95	16+65								
End Station		26+15	18+60								
Advance		415		415	68,592	30,488	8,959				108,039
Avg. Advance					1,216	403	497				30
Adv. Ft/Hr		20.2		20.2	69	22	30				41
Coverage		124,500		124,500	12,565,131	6,597,740	2,183,700				21,346,571
Avg. Coverage					222,776	87,199	121,129				142,222
Coverage/Hr		6,073		6,073							
Req. Grade + O.D.		-30+5'OD	-30+5'OD								
Dredged Elev.		-35.2	-34.8								
Set Size		10	10								
Material Type		Sand	Sand								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		15,440		15,440		1,348,212	445,933				1,794,145
Pay CY/Hr		753		753		989	1,505				678
Gross Cys		38,599		38,599		3,034,778	750,976				3,785,754
Gross CY/Hr		1,883		1,883		2,208	2,467				1,430
% of Gross		40%		40%		44%	60%				47%
Start Station		105+80	100+40								
End Station		106+20	102+40								
Advance		40	200	240		40	200				240
Adv. Ft/Hr		2		12		0	1				0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	19+75	5.08	115	23	7,476	1,471

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 149 Date: 24-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						333						
Rack						26						
Horsepower						4197						
Exhaust Temp.						876						
Dredge Fuel						5837						
Pump RPM						304						
In Pressure						46						
Out Pressure					46	151						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600	1,600	Lift		7.0	
Submerged Line		16,560	16,560	Velocity		11.4	
Shore Line		7,620	6,880				
Rubber Line			480				
Total Line Length	1,600	25,780	25,520				

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.92	143.84
Rubber Line			7.84
Sub Line Dredge			9.58
Clean Pipeline			11.25
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	4	0.33	55.75
Traffic			6.67
Move Dredge	1	0.33	113.08
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			39.50
Operational Total	6	1.58	395.00
Weather Standby			238.00
Weather Repairs			12.25
Weather Moving			12.00
Weather Total			262.25
Pump RPR	1	1.50	113.92
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In	2	0.42	34.50
Eng Rm Out			13.58
Mechanical Total	3	1.92	198.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	3.50	856.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
02:30	02:40	ER In- no power	0:10
03:10	04:05	Shore- push up dikes	0:55
08:25	08:45	Moved Dredge- from Cut 18Sand SS 23+65 to Cut11Sand SS 13+3	0:20
08:45	10:15	Main Pump- repacking	1:30
10:15	10:30	ER In- Air regulator for emegancy stop	0:15
	00:20	Moved Anchors 4X	0:20
		TOTAL	3:30

REMARKS:

Dug Sand for shore- Cut18Sand STA's 23+95 to 26+15 (Beach Column)= 220' advance, then to
Cut11Sand STA's 16+65 to 18+60 (Marsh Column)=195' advance, **Combined Sand advance=415'**
Dug Depths according to Mud vs Sand ratio, found good sand near grade

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/25/2006 **Report #** 368

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 61 Max. 75

WIND SPEED: 5.00 to 15.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	NE	

TIDE: 0.0 AM Morning tide
1.7 PM Evening tide

LOCATION OF DISCHARGE: 106+20/440 feet east of pay profile line no. CG 21

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 13.67 hrs.,beach/fill.
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew took AD's on sta. 77+00 to 96+96.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions, until 1645 when the drudge depared the job site to safe harbor.
Shore crew continues dressing where needed, and moving pipe.
The advance on beach is slow due to material not building up.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D7- # 898 - operating/idle
D6-#8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions, until 1645 when the drudge depared the job site to safe harbor.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?)
been excavated below the limit as shown in the pl Yes . Also, do you certify that the borrow area has not
Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)?
Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A
NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 150 Page: 1 of 2 Date: 25-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1353.66	1839.92	432.67				3626.25
Operating Time		13.67		13.67	988.00	1377.50	296.25				2661.75
% of Total Time		57%		57%	73%	75%	68%				73%
Lost Time		10.33		10.33	327.41	428.08	136.42				891.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		30,034		30,034	2,641,527	3,064,812	750,976				6,457,315
Adjustments											
Avg. Gross Cys					46,834	39,978	41,656				
Gross CY/Hr		2,198		2,198	2,674	2,225	2,535				2,426
Gross Width		300									
% of Gross											
Avg. Gross Face		6.9									
Start Station		18+60	21+80								
End Station		20+30	24+00								
Advance		390		390	68,592	30,878	8,959				108,429
Avg. Advance					1,216	403	497				30
Adv. Ft/Hr		28.5		28.5	69	22	30				41
Coverage		117,000		117,000	12,565,131	6,714,740	2,183,700				21,463,571
Avg. Coverage					222,776	87,587	121,129				142,055
Coverage/Hr		8,561		8,561							
Req. Grade + O.D.		-30+5'OD	-30+5'OD								
Dredged Elev.		-33.3	-32.4								
Set Size		10	10								
Material Type		Sand	Sand								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		12,014		12,014		1,360,226	445,933				1,806,159
Pay CY/Hr		879		879		987	1,505				679
Gross Cys		30,034		30,034		3,064,812	750,976				3,815,788
Gross CY/Hr		2,198		2,198		2,225	2,535				1,434
% of Gross		40%		40%		44%	60%				47%
Start Station		106+20									
End Station		106+20									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	N/A	0'	0'	0'	0'	0'

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 150 Date: 25-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						335						
Rack						27						
Horsepower						4752						
Exhaust Temp.						865						
Dredge Fuel						5354						
Pump RPM						305						
In Pressure						44						
Out Pressure					44	156						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		16,560		Velocity		12.0	
Shore Line		7,620					
Rubber Line							
Total Line Length		25,780					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work	1	0.83	144.67	02:20	03:10	Shore- push up dikes & add (1) pipe. Checked cutter "ok"	0:50
Rubber Line			7.84	08:00	08:35	Moved Dredge- from Cut11sand SS 17+80 to Cut12sand SS 19+30	0:35
Sub Line Dredge			9.58	11:30	12:00	Main Pump- add packing	0:30
Clean Pipeline	1	0.92	12.16	15:50	16:45	Clean Pipeline- Stopped at Cut12sand SS 21+50	0:55
Clean Pump			1.75	16:45	19:30	Depart Job site to Safe Harbor, tow by Delta Fox & Ranger	2:45
Clean Cutter/Suction			3.67	19:30	24:00	Spud down in in harbor due to high seas	4:30
Anchors	3	0.25	56.00				
Traffic			6.67				
Move Dredge	1	0.58	113.67		00:15	Moved Anchors 3X	0:15
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.			39.50				
Operational Total	6	2.58	397.58				
Weather Standby	1	4.50	242.50				
Weather Repairs			12.25				
Weather Moving	1	2.75	14.75				
Weather Total	2	7.25	269.50				
Pump RPR	1	0.50	114.42				
Cutter RPR			33.83				
Spud RPR			2.08				
Electrical			0.92				
Eng Rm In			34.50				
Eng Rm Out			13.58				
Mechanical Total	1	0.50	199.33	**REMARKS:**		TOTAL	10:20
Bstr (1) Deck				Dug Sand- Cut11Sand STA's 18+60 to 20+30 (Beach Column)=170' advance, then to			
Bstr (1) Eng Rm				Cut12Sand STA's 21+80 to 24+00 (Marsh Column)=220' advance **(combined advance=390')**			
Booster Total				Dug depths according to Mud vs Sand ratio, found better sand just below grade..			
Total Lost Time	9	10.33	866.42	MOVED INTO HARBOR DUE TO HIGH WINDS AND SEAS (LEFT JOB SITE AT 19:30)			

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/26/2006 **Report #** 369

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 61 Max. 74

WIND SPEED: 10.00 to 20.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	3 to 6	Swell
Fill Area	3 to 6	Feet
Wave Direction	NE	

TIDE: -0.1 AM Morning tide
1.6 PM Evening tide

LOCATION OF DISCHARGE: 106+20/440 feet east of pay profile line no. CG 21

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James is on stand-by due to weather. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew took AD's on sta. 77+00 to 96+96.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; on stand-by due to weather. (See DDR)
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable/idle
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D7- # 898 - operating/idle
D6-#8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James;on stand-by due to weather. (See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NA

Did borrow area buoys require resetting (Yes/No)? NA

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A
NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: No swing file for today.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 151 Page: 1 of 2 Date: 26-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1353.66	1863.92	432.67				3650.25
Operating Time					988.00	1377.50	296.25				2661.75
% of Total Time					73%	74%	68%				73%
Lost Time		24.00		24.00	327.41	452.08	136.42				915.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					2,641,527	3,064,812	750,976				6,457,315
Adjustments											
Avg. Gross Cys					46,834	39,463	41,656				
Gross CY/Hr					2,674	2,225	2,535				2,426
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station		0'									
End Station		0'									
Advance					68,592	30,878	8,959				108,429
Avg. Advance					1,216	398	497				30
Adv. Ft/Hr					69	22	30				41
Coverage					12,565,131	6,714,740	2,183,700				21,463,571
Avg. Coverage					222,776	86,460	121,129				141,121
Coverage/Hr											
Req. Grade + O.D.		0'									
Dredged Elev.		0'									
Set Size		0'									
Material Type		N/A									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,360,226	445,933				1,806,159
Pay CY/Hr						987	1,505				679
Gross Cys						3,064,812	750,976				3,815,788
Gross CY/Hr						2,225	2,535				1,434
% of Gross						44%	60%				47%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	N/A		0'		0'	

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 151 Date: 26-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						0						
Rack						0						
Horsepower						0						
Exhaust Temp.						0						
Dredge Fuel						0						
Pump RPM						0						
In Pressure					0	0						
Out Pressure						0						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift		0'	
Submerged Line				Velocity		0'	
Shore Line							
Rubber Line							
Total Line Length							

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			144.67
Rubber Line			7.84
Sub Line Dredge			9.58
Clean Pipeline			12.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors			56.00
Traffic			6.67
Move Dredge			113.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			39.50
Operational Total			397.58
Weather Standby	1	24.00	266.50
Weather Repairs			12.25
Weather Moving			14.75
Weather Total	1	24.00	293.50
Pump RPR			114.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total			199.33
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	890.42

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	Spud down in safe harbor due to rough seas and high winds	24:00
		TOTAL	24:00

REMARKS:

Dredge Down all day due to High seas and winds,
spud down in safe harbor

21:00-21:20-Delta fox & Ranger arrived with subline and secured

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/27/2006 **Report #** 370

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Wind and Heavy Rain **TEMPERATURE:** Min. 62 Max. 75

WIND SPEED: 10.00 to 20.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	3 to 5	Swell
Fill Area	3 to 5	Feet
Wave Direction	SW	

TIDE: 1.7 AM Morning tide
-0.1 PM Evening tide

LOCATION OF DISCHARGE: 107+40/76 feet east of pay profile line no. CG 22

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James is on stand-by due to weather. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew picked up a repaired skiff from Houma.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; on stand-by due to weather. (See DDR)
Shore crew continues dressing where needed, and moving pipe.
Wind and heavy rain filled the marsh area. Water overtopped the dike in one spot.
Shore crew sandbaged and replaced the drain pipe in the road to correct the problem.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable/idle
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D7- # 898 - operating/idle
D6-#8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James;on stand-by due to weather. (See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NA
been excavated below the limit as shown in the pl NA . Also, do you certify that the borrow area has not

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NA

Did borrow area buoys require resetting (Yes/No)? NA

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: No swing file for today.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 152 Page: 1 of 2 Date: 27-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1353.66	1887.92	432.67				3674.25
Operating Time					988.00	1377.50	296.25				2661.75
% of Total Time					73%	73%	68%				72%
Lost Time		24.00		24.00	327.41	476.08	136.42				939.92
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					2,641,527	3,064,812	750,976				6,457,315
Adjustments											
Avg. Gross Cys					46,834	38,961	41,656				
Gross CY/Hr					2,674	2,225	2,535				2,426
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station		0'									
End Station		0'									
Advance					68,592	30,878	8,959				108,429
Avg. Advance					1,216	393	497				30
Adv. Ft/Hr					69	22	30				41
Coverage					12,565,131	6,714,740	2,183,700				21,463,571
Avg. Coverage					222,776	85,360	121,129				140,199
Coverage/Hr											
Req. Grade + O.D.		0'									
Dredged Elev.		0'									
Set Size		0'									
Material Type		N/A									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,360,226	445,933				1,806,159
Pay CY/Hr						987	1,505				679
Gross Cys						3,064,812	750,976				3,815,788
Gross CY/Hr						2,225	2,535				1,434
% of Gross						44%	60%				47%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	N/A		0'		0'	

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 152 Page: 2 of 2 Date: 27-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						0						
Rack						0						
Horsepower						0						
Exhaust Temp.						0						
Dredge Fuel						0						
Pump RPM						0						
In Pressure					0	0						
Out Pressure						0						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		0'		Lift		0'	
Submerged Line		0'		Velocity		0'	
Shore Line							
Rubber Line							
Total Line Length							

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			144.67
Rubber Line			7.84
Sub Line Dredge			9.58
Clean Pipeline			12.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors			56.00
Traffic			6.67
Move Dredge			113.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			39.50
Operational Total			397.58
Weather Standby	1	24.00	290.50
Weather Repairs			12.25
Weather Moving			14.75
Weather Total	1	24.00	317.50
Pump RPR			114.42
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total			199.33
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	914.42

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	Down all day- due to weather- spud down in safe harbor	24:00
		TOTAL	24:00

REMARKS:

Dredge Down all day due to High seas and winds,

spud down in safe harbor

Prepared By: **Wm. Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/28/2006 **Report #** 371

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 62 Max. 75

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	N	

TIDE: 1.7 AM Morning tide
-0.1 PM Evening tide

LOCATION OF DISCHARGE: 108+20/156 feet east of pay profile line no. CG 22

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 6.08 hrs. on beach/fill, and 4.25 hrs. on marsh/fill. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions after 11:15.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D7- # 898 - operating/idle
D6-#8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions after 11:15.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A
NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 153 Page: 1 of 2 Date: 28-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		6.17	17.83	24.00	1353.66	1894.09	450.50				3698.25
Operating Time		6.08	4.25	10.33	988.00	1383.59	300.50				2672.08
% of Total Time		99%	24%	43%	73%	73%	67%				72%
Lost Time		0.08	13.58	13.67	327.41	476.17	150.00				953.58
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		11,255	15,117	26,372	2,641,527	3,076,067	766,093				6,483,687
Adjustments											
Avg. Gross Cys					46,834	38,977	40,813				
Gross CY/Hr		1,850	3,557	2,552	2,674	2,223	2,549				2,426
Gross Width		300	300								
% of Gross											
Avg. Gross Face		5.3	10.1								
Start Station		20+90	23+40								
End Station		22+80	24+75								
Advance		190	135	325	68,592	31,068	9,094				108,754
Avg. Advance					1,216	394	484				29
Adv. Ft/Hr		31.2	31.8	31.5	69	22	30				41
Coverage		57,000	40,500	97,500	12,565,131	6,771,740	2,224,200				21,561,071
Avg. Coverage					222,776	85,805	118,491				139,922
Coverage/Hr		9,370	9,529	9,435							
Req. Grade + O.D.		-30+5'OD	-26to-28								
Dredged Elev.		-31.3	-26.4								
Set Size		10	10								
Material Type		Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		7,500	7,500	15,000		1,375,226	460,933				1,836,159
Pay CY/Hr		726	1,765	1,452		994	1,534				687
Gross Cys		11,255	15,117	26,372		3,076,067	766,093				3,815,788
Gross CY/Hr		1,850	3,557	2,552		2,215	2,499				1,428
% of Gross		66%	50%	40%		45%	60%				48%
Start Station		106+20	100+40								
End Station		108+20	100+40								
Advance		200		200		200					200
Adv. Ft/Hr		33		19		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	24+65	5.83	185	32	11,964	2,051

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021   Location: Chaland Headland Restoration

Dredge: *TOM JAMES*   Report Number: 153   Date: 28-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						323				323		
Rack						28				28		
Horsepower						4729				4729		
Exhaust Temp.						931				931		
Dredge Fuel						3325				3325		
Pump RPM						296				296		
In Pressure						51				51		
Out Pressure					51	169			51	169		
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600	1,600	Lift		7.0	7.0	Type	Super Sand Cutter
Submerged Line		16,560	16,560	Velocity		11.8	11.8	No. of Blades	6
Shore Line		7,820	6,680					Teeth	Inter changeable Chissel Teeth
Rubber Line			480					Avg. RPM	25
Total Line Length		25,980	25,320						

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.50	145.17
Rubber Line			7.84
Sub Line Dredge			9.58
Clean Pipeline			12.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	3	0.25	56.25
Traffic			6.67
Move Dredge	1	0.33	114.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			39.50
Operational Total	5	1.08	398.66
Weather Standby	1	7.00	297.50
Weather Repairs			12.25
Weather Moving	3	4.25	19.00
Weather Total	4	11.25	328.75
Pump RPR	1	1.33	115.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total	1	1.33	200.66
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	13.66	928.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	07:00	Weather Standby- Due to high seas and winds	7:00
07:00	07:30	Prep to move dredge	0:30
07:30	10:30	Move Dredge back to location	3:00
10:30	11:15	Prep to start dredging Cut24Mud SS 20+90 (pump on beach)	0:45
12:20	12:50	Shore work- fixing leaks on dump	0:30
13:30	14:50	Main pump RPR- repacking	1:20
17:30	17:50	Moved Dredge- from Cut24Mud SS 22+25 to Cut24Sand SS 18+40	0:20
	00:15	Moved Anchors 3X	0:15
		TOTAL	13:40

REMARKS:

Down due to weather from 00:00 to 07:00 + down time returning to job site 07:00 to 11:15 included
Once on site- Dug mud Cut24Mud STA's 23+40 to 24+75 (Marsh Column)=135' advance, then to
Cut24Sand STA's 20+90 to 22+80 (Beach Column)=190' advance

Prepared By: **Nicholas Marshall**   Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/29/2006 **Report #** 372

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 62 Max. 75

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	N	

TIDE: 1.8 AM Morning tide
-0.1 PM Evening tide

LOCATION OF DISCHARGE: 110+05/341 feet east of pay profile line no. CG 22
Marsh 100+40/344 feet east of pay profile line no. CG 20
DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 11.83 hrs. on beach/fill, and 10.00 hrs. on marsh/fill. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed, and took checks from 109+00 to 122+00.
The D7 dozer was swaped out with two D6 dozers (8827 and 8851), and one mule left another come.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating/idle
D6- # 8851 - operating/idle
D7- # 898 - left job site
D6-#8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A

NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 154 Page: 1 of 2 Date: 29-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		13.08	10.92	24.00	1353.66	1907.17	461.42				3722.25
Operating Time		11.83	10.00	21.83	988.00	1395.42	310.50				2693.92
% of Total Time		90%	92%	91%	73%	73%	67%				72%
Lost Time		1.25	0.92	2.17	327.41	477.42	150.92				955.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		21,063	30,628	51,691	2,641,527	3,097,130	796,721				6,535,378
Adjustments											
Avg. Gross Cys					46,834	38,975	41,440				
Gross CY/Hr		1,780	3,063	2,368	2,674	2,219	2,566				2,426
Gross Width		300	300								
% of Gross											
Avg. Gross Face		5.9	11.7								
Start Station	24+00	22+80	25+65								
End Station	25+25	24+75	28+00								
Advance		320	235	555	68,592	31,388	9,329				109,309
Avg. Advance					1,216	395	485				29
Adv. Ft/Hr		27.0	23.5	25.4	69	22	30				41
Coverage		96,000	70,500	166,500	12,565,131	6,867,740	2,294,700				21,727,571
Avg. Coverage					222,776	86,424	119,355				140,093
Coverage/Hr		8,113	7,050	7,626							
Req. Grade + O.D.	-30+5'OD	-30+5'OD	-24to-30								
Dredged Elev.	-31.3	-31.8	-25.5								
Set Size	10	10	10								
Material Type	Sand	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		14,042	15,314	29,356		1,389,268	476,247				1,865,515
Pay CY/Hr		643	1,531	1,345		996	1,534				692
Gross Cys		21,063	30,628	51,691		3,097,130	796,721				51,691
Gross CY/Hr		1,780	3,063	2,368		15	99				19
% of Gross		67%	50%	57%		45%	60%				-97%
Start Station		108+20	100+40								
End Station		110+05	100+40								
Advance		185		185		185					185
Adv. Ft/Hr		16		8		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	26+97	5.92	172	29	12,966	2,191

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 154 Page: 2 of 2 Date: 29-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						332				332		
Rack						26				26		
Horsepower						4197				4197		
Exhaust Temp.						823				823		
Dredge Fuel						7355				7355		
Pump RPM						304				304		
In Pressure						47				47		
Out Pressure					47	152			47	152		
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4X84				4X84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	7.0
Submerged Line		16,560	16,560	Velocity		10.6	10.6
Shore Line		8,005	6,680				
Rubber Line			480				
Total Line Length		26,165	25,320				

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			145.17
Rubber Line			7.84
Sub Line Dredge			9.58
Clean Pipeline			12.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	7	0.58	56.83
Traffic			6.67
Move Dredge	2	0.92	114.91
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	2	0.67	40.17
Operational Total	11	2.17	400.83
Weather Standby			297.50
Weather Repairs			12.25
Weather Moving			19.00
Weather Total			328.75
Pump RPR			115.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical			0.92
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total			200.66
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	2.17	930.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
05:40	06:05	Computer locked up had loose connection, broke valve on spud	0:25
06:05	06:35	Moved Dredge- from Cut24Sand SS 22+25 to Cut12mud SS 22+35	0:30
16:50	17:15	Moved Dredge- from Cut12mud SS 25+50 to Cut12Sand SS 20+50	0:25
17:15	17:30	Check Ladder & Cutter	0:15
	00:35	Moved Anchors 7X	0:35
		TOTAL	2:10

REMARKS:

Continued digging Sand- Cut24Sand STA's 22+80 to 24+75 (Beach Column)=195' advance, then moved to Cut12Mud STA's 25+65 to 28+00 (Marsh Column)= 235' Advance, then to Cut12Sand STA's 24+00 to 25+25 (Stripping Column)=125' Advance,

Combined Sand Total= 320' Advance

Prepared By: **Nicholas Marshall** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/30/2006 **Report #** 373

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 63 Max. 77

WIND SPEED: 5.00 to 10.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: 1.7 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE: 112+80/132 feet east of pay profile line no. CG 23
Marsh 100+10/314 feet east of pay profile line no. CG 20
DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 17.42 hrs. on beach/fill, and 10.00 hrs. on marsh/fill. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed.

B. Subcontractor: Erosion Control Services
Fence crew planting grass inbetween fence rows

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - idle
D6- # 8851 - idle
D6-#8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A
NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 155 Page: 1 of 2 Date: 30-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1353.66	1931.17	461.42				3746.25
Operating Time		17.42		17.42	988.00	1412.84	310.50				2711.33
% of Total Time		73%		73%	73%	73%	67%				72%
Lost Time		6.58		6.58	327.41	484.00	150.92				962.33
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		39,892		39,892	2,641,527	3,137,022	796,721				6,575,270
Adjustments											
Avg. Gross Cys					46,834	38,986	41,440				
Gross CY/Hr		2,290		2,290	2,674	2,220	2,566				2,425
Gross Width		300									
% of Gross											
Avg. Gross Face		7.5									
Start Station	25+25	16+80									
End Station	27+25	19+60									
Advance		480		480	68,592	31,868	9,329				109,789
Avg. Advance					1,216	396	485				29
Adv. Ft/Hr		27.6		27.6	69	23	30				40
Coverage		144,000		144,000	12,565,131	7,011,740	2,294,700				21,871,571
Avg. Coverage					222,776	87,140	119,355				140,118
Coverage/Hr		8,268		8,268							
Req. Grade + O.D.		30+5' OD									
Dredged Elev.		30.2									
Set Size		10									
Material Type		SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		26,595		26,595		1,415,863	476,247				1,892,110
Pay CY/Hr		1,527		1,527		1,002	1,534				698
Gross Cys		39,892		39,892		3,137,022	796,721				3,933,743
Gross CY/Hr		2,290		2,290		2,220					1,451
% of Gross		67%		67%		45%	60%				48%
Start Station		110+05									
End Station		112+80									
Advance		275		275		275					275
Adv. Ft/Hr		16		16		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 155 Page: 2 of 2 Date: 30-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						330						
Rack						26						
Horsepower						6500						
Exhaust Temp.						869						
Dredge Fuel						6578						
Pump RPM						315						
In Pressure						47						
Out Pressure					47	165						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600		Lift		7.0		Type	Super Sand Cutter
Submerged Line		16,560		Velocity		11.0		No. of Blades	6
Shore Line		8,280						Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length		26,440							

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	1.25	146.42
Rubber Line			7.84
Sub Line Dredge			9.58
Clean Pipeline			12.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	5	0.42	57.25
Traffic			6.67
Move Dredge	1	0.67	115.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			40.17
Operational Total	7	2.33	403.16
Weather Standby			297.50
Weather Repairs			12.25
Weather Moving			19.00
Weather Total			328.75
Pump RPR			115.75
Cutter RPR			33.83
Spud RPR			2.08
Electrical	1	4.25	5.17
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total	1	4.25	204.91
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	6.58	936.83

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:30	11:45	Port spud picks up by itself - Chief working on electrical	4:15
11:45	12:25	Move dredge from Cut 12 (S/S 2475 Sand) to Cut 18 (S/S 1430 Sa	0:40
22:45	24:00	Spoil Area - building dikes	1:15
	0:25	Move anchors (5X) Changed out 1 cutter tooth	0:25
		Fill added 8 shore pipe	
		TOTAL	6:35

REMARKS:

The start and stop stations shown in the stripping coloum represent the stations dugging sand in Cut 12. There was 200' of advance in Cut 12 plus another 280' of advance in Cut 18 - making the total advance for the day 480'. All advance was digging sand.

Prepared By: **Jason Settle** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 10/31/2006 **Report #** 374

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 65 Max. 75

WIND SPEED: 5.00 to 10.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: 1.4 AM Morning tide
0.4 PM Evening tide

LOCATION OF DISCHARGE: 113+80/232 feet east of pay profile line no. CG 23
Marsh 101+40/40 feet east of pay profile line no. CG 21
DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 14.83 hrs. on beach/fill, and 9.17 hrs. on marsh/fill. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed.

B. Subcontractor: Erosion Control Services
Fence crew planting grass inbetween fence rows

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - idle
D6- # 8851 - idle
D6-#8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?)
been excavated below the limit as shown in the pl Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes
Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 156 Page: 1 of 2 Date: 31-Oct-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		14.83	9.17	24.00	1353.66	1946.00	470.59				3770.25
Operating Time		12.83	7.92	20.75	988.00	1425.67	318.42				2732.08
% of Total Time		87%	86%	86%	73%	73%	68%				72%
Lost Time		2.00	1.25	3.25	327.41	486.00	152.17				965.58
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		21,687	30,829	52,516	2,641,527	3,158,709	827,550				6,627,786
Adjustments											
Avg. Gross Cys					46,834	38,956	42,205				
Gross CY/Hr		1,690	3,894	2,531	2,674	2,216	2,599				2,426
Gross Width		300	300								
% of Gross											
Avg. Gross Face		5.7	10.1								
Start Station	19+60	9+00	24+25								
End Station	20+55	11+50	27+00								
Advance		345	275	620	68,592	32,213	9,604				110,409
Avg. Advance					1,216	397	490				29
Adv. Ft/Hr		26.9	34.7	29.9	69	23	30				40
Coverage		103,500	82,500	186,000	12,565,131	7,115,240	2,377,200				22,057,571
Avg. Coverage					222,776	87,752	121,237				140,410
Coverage/Hr		8,065	10,421	8,964							
Req. Grade + O.D.		26-32 + 5	26 + 5								
Dredged Elev.		32.4	24.5								
Set Size		10	10								
Material Type		Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		14,458	15,415	29,873		1,430,321	491,662				1,921,983
Pay CY/Hr		697	1,947	1,440		1,003	1,544				703
Gross Cys		21,687	30,829	52,516		3,158,709	827,550				3,986,259
Gross CY/Hr		1,690	3,894	2,531		2,216	2,599				1,459
% of Gross		66%	50%	57%		45%	59%				48%
Start Station		112+80	101+40								
End Station		113+80	101+40								
Advance		100		100		100					100
Adv. Ft/Hr		8		5		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	12+10	4.83	60	12	4,773	988

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 156 Date: 31-Oct-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						330				330		
Rack						32				32		
Horsepower						6475				6475		
Exhaust Temp.						885				885		
Dredge Fuel						6220				6220		
Pump RPM						304				304		
In Pressure						28				28		
Out Pressure					28	170			28	170		
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48				4x48		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	7.0
Submerged Line		15,160	16,560	Velocity		11.3	11.3
Shore Line		8,380	6,780				
Rubber Line			480				
Total Line Length		25,140	25,420				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	1.08	147.50
Rubber Line			7.84
Sub Line Dredge			9.58
Clean Pipeline			12.16
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	6	0.50	57.75
Traffic			6.67
Move Dredge	2	1.42	117.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			40.17
Operational Total	10	3.00	406.16
Weather Standby			297.50
Weather Repairs			12.25
Weather Moving			19.00
Weather Total			328.75
Pump RPR			115.75
Cutter RPR	1	0.25	34.08
Spud RPR			2.08
Electrical			5.17
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total	1	0.25	205.16
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	3.25	940.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	00:20	Spoil Area - build dikes	0:20
00:30	01:15	Spoil Area - wash down area	0:45
06:25	07:05	Move Dredge - from Cut 18 (s/s 18+05 Sand) to Cut 24 (s/s 21+75 Mud)	0:40
07:05	07:20	Service Ladder - change 3 cutter teeth	0:15
15:30	16:15	Move Dredge - from Cut 24 (s/s 24+50 Mud) to Cut 24 (s/s 6+50 Sand)	0:45
	0:30	Move Anchors (6x)	0:30
		Shore Pipe Added: 4	
		TOTAL	3:15

REMARKS:
The dredge continued digging sand in Cut 18 until 06:25 hr. then moved to Cut 24 and started pum
mud. At 15:30 hr. the dredge was moved back 2000 ft. and started pumping sand again.
Start and Stop stations under the stripping column are the stations made pumping sand in Cut 18.
are to be applied to the Sand column.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/1/2006 **Report #** 375

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 65 Max. 75

WIND SPEED: 3.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: 1.1 AM Morning tide
0.5 PM Evening tide

LOCATION OF DISCHARGE: 115+80/432 feet east of pay profile line no. CG 23
Marsh 101+40/40 feet west of pay profile line no. CG 21
DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 9.42 hrs. on beach/fill, and 14.58 stripping. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed. Staked sand fence to 78+00

B. Subcontractor: Erosion Control Services
Fence crew planting grass along fencing.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - under repair
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operationg/idle
D6- # 8850 - operating/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?)
been excavated below the limit as shown in the pl Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 157 Page: 1 of 2 Date: 1-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	14.58	9.42		24.00	1368.24	1958.42	470.59				3797.25
Operating Time	12.00	5.58		17.58	1000.00	1431.25	318.42				2749.67
% of Total Time	82%	59%		73%	73%	73%	68%				72%
Lost Time	2.58	3.83		6.42	329.99	492.83	152.17				975.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	35,274	6,351		41,625	2,676,801	3,165,060	827,550				6,669,411
Adjustments											
Avg. Gross Cys					46,953	38,787	42,205				
Gross CY/Hr	2,940	1,137		2,367	2,677	2,211	2,599				2,426
Gross Width	300	300									
% of Gross											
Avg. Gross Face	11.3	7.1									
Start Station	26+50	11+50									
End Station	29+30	12+30									
Advance	280	80		360	68,872	32,293	9,604				110,769
Avg. Advance					1,208	396	490				29
Adv. Ft/Hr	23.3	14.3		20.5	69	23	30				40
Coverage	84,000	24,000		108,000	11,321,400	4,634,400	1,712,700				17,668,500
Avg. Coverage					198,586	56,794	87,347				111,671
Coverage/Hr	7,000	4,299		6,142							
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		4,234		4,234		1,434,555	491,662				1,926,217
Pay CY/Hr		241		241		1,002	1,544				2,546
Gross Cys		6,351		6,351		3,165,060	827,550				3,992,610
Gross CY/Hr		1,137		1,137		2,211	2,599				4,810
% of Gross		66%		66%		45%	59%				48%
Start Station		113+80									
End Station		115+80									
Advance		200		200		200					200
Adv. Ft/Hr		36		11		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	30+40	5.83	110	19	11,053	1,895

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 157 Page: 2 of 2 Date: 1-Nov-06

ENGINE ROOM & PUMP INFORMATION												
	Stripping				Beach				Marsh			
ITEM	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		222				222						
Rack		23				23						
Horsepower		2843				2843						
Exhaust Temp.		710				710						
Dredge Fuel		5861				5861						
Pump RPM		201				201						
In Pressure		22				22						
Out Pressure	22	48			22	48						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4x48				4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600	1,600		Lift	4.0	7.0		Type	Super Sand Cutter
Submerged Line		15,160		Velocity	29.8	29.8		No. of Blades	6
Shore Line		8,580						Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length	1,600	25,340							

LOST TIME BREAKDOWN				LEVERMAN'S LOG			
DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work	1	1.00	148.50	00:20	1:20	Spoil Area	1:00
Rubber Line	1	0.42	8.25	06:45	09:00	Change port swing cable	2:15
Sub Line Dredge			9.58	09:00	09:25	Move Dredge from Cut 24 (s/s 9+80 sand) to Cut 24 (s/s 24+00 mud	0:25
Clean Pipeline	1	1.17	13.33	09:25	10:35	wash out line	1:10
Clean Pump			1.75	10:35	11:00	Disconnect rubber hose from sub-line	0:25
Clean Cutter/Suction			3.67	13:50	14:10	Change 2 cutter teeth	0:20
Anchors	6	0.50	58.25	17:40	18:00	Check cutter	0:20
Traffic			6.67				
Move Dredge	1	0.42	117.42		0:30	Move Anchors (6x)	0:30
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.	1	2.25	42.42				
Operational Total	11	5.75	411.92				
Weather Standby			297.50				
Weather Repairs			12.25				
Weather Moving			19.00			Added 5 pipe on Spoil Area	
Weather Total			328.75				
Pump RPR			115.75				
Cutter RPR	2	0.67	34.75				
Spud RPR			2.08				
Electrical			5.17				
Eng Rm In			34.08				
Eng Rm Out			13.58				
Mechanical Total	2	0.67	205.42	**REMARKS:**		TOTAL	6:25
Bstr (1) Deck				Continued digging sand in Cut 24, then at 09:00 hr - moved the dredge ahead, disconnected			
Bstr (1) Eng Rm				the rubber line, and started pumping mud overboard.			
Booster Total							
Total Lost Time	13	6.42	946.08				

Prepared By: **Jason Settle** Approved By: ______________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/2/2006 **Report #** 376

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 55 Max. 65

WIND SPEED: 3.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: .4 AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE: 126+40/40 feet east of pay profile line no. CG 26
Marsh 101+40/40 feet west of pay profile line no. CG 21
DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 15.2 hrs. on beach/fill, and 5.83 stripping. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed. Also took check surveys between stations 100+00, 118+00.

B. Subcontractor: Erosion Control Services
Fence crew planting grass along fencing.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - under repair
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?)
been excavated below the limit as shown in the pl Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 158 Page: 1 of 2 Date: 2-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	7.83	16.17		24.00	1376.08	1974.58	470.59				3821.25
Operating Time	5.83	15.25		21.08	1005.83	1446.50	318.42				2770.75
% of Total Time	74%	94%		88%	73%	73%	68%				73%
Lost Time	2.00	0.92		2.92	331.99	493.75	152.17				977.91
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	8,015	26,275		34,290	2,684,816	3,191,335	827,550				6,703,701
Adjustments											
Avg. Gross Cys					46,826	38,789	42,205				
Gross CY/Hr	1,374	1,723		1,626	2,669	2,206	2,599				2,419
Gross Width	175	300									
% of Gross											
Avg. Gross Face	11.2	6.2									
Start Station	29+30	17+60									
End Station	30+40	13+80									
Advance	110	380		490	68,982	32,673	9,604				111,259
Avg. Advance					1,203	397	490				29
Adv. Ft/Hr	18.9	24.9		23.2	69	23	30				40
Coverage	19,250	114,000		133,250	11,340,650	4,748,400	1,712,700				17,801,750
Avg. Coverage					197,791	57,714	87,347				111,807
Coverage/Hr	3,300	7,475		6,320							
Req. Grade + O.D.	28+5 OD	30+5 OD									
Dredged Elev.	26.2	31.5									
Set Size	10	10									
Material Type	Mud	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		17,517		17,517		1,452,072	491,662				1,943,734
Pay CY/Hr		831		831		1,004	1,544				702
Gross Cys		26,275		26,275		3,191,335	827,550				4,018,885
Gross CY/Hr		1,723		1,246		2,206	2,599				1,450
% of Gross		66%		66%		45%	59%				48%
Start Station		115+80									
End Station		126+40									
Advance		1,060		1,060		1,060					1,060
Adv. Ft/Hr		70		50		1					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	12+21	6.00	159	27	13,180	2,197

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 158 Date: 2-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		333				333						
Rack		28				28						
Horsepower		5302				5302						
Exhaust Temp.		851				851						
Dredge Fuel		7842				7842						
Pump RPM		303				303						
In Pressure		44				44						
Out Pressure	44	169			44	169						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4x48				4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift	4.0	7.0	
Submerged Line		13,720		Velocity	11.7	11.7	
Shore Line		9,640					
Rubber Line							
Total Line Length	1,600	24,960					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			148.50
Rubber Line			8.25
Sub Line Dredge			9.58
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	3	0.25	58.50
Traffic			6.67
Move Dredge	1	2.00	119.42
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			42.42
Operational Total	4	2.25	414.17
Weather Standby			297.50
Weather Repairs			12.25
Weather Moving			19.00
Weather Total			328.75
Pump RPR			115.75
Cutter RPR	1	0.25	35.00
Spud RPR			2.08
Electrical			5.17
Eng Rm In	1	0.42	34.50
Eng Rm Out			13.58
Mechanical Total	2	0.67	206.08
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	2.92	949.00

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
05:50	07:50	Move Dredge - from Cut 24 (ss 27+90 Stripping) to Cut 24 (ss 20+1(	2:00
		Sand) & hook up rubber hose to subline.	
09:20	09:35	Cutter RPR - change out 5 cutter teeth	0:15
16:30	16:55	Eng Rm In - change fuel filters in Cat.	0:25
	0:15	Move Anchors (3x)	0:15
		Added 11 shore pipe on fill	
		TOTAL	2:55

REMARKS:

The dredge continued pumping mud overboard in Cut 24 until 05:50 hrs. the dredge pulled back,
reconnected the rubber hose to the subline and begain pumping sand to the beach at 07:50 hrs.

Prepared By: **Jason Settle** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/3/2006 **Report #** 377

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 50 Max. 65

WIND SPEED: 10.00 to 15.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	2 to 3	Swell
Fill Area	2 to 3	Feet
Wave Direction	E	

TIDE: .4 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE: 127+45/145 feet east of pay profile line no. CG 26
Marsh 101+40/40 feet west of pay profile line no. CG 21
DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 21.58 hrs. on beach/fill. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.
Showing accelerated advance on beach the last couple of days. Due to the fact that we are only constructing the landward crown.
We are only constructing it to an elevation of 4.0. This will alow us to complete the marsh portion sooner

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - down (waiting for parts)
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operating
ATV - operating
ATV- Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 159 Page: 1 of 2 Date: 3-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1376.08	1998.58	470.59				3845.25
Operating Time		21.58		21.58	1005.83	1468.08	318.42				2792.34
% of Total Time		90%		90%	73%	73%	68%				73%
Lost Time		2.42		2.42	331.99	496.17	152.17				980.33
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		45,874		45,874	2,684,816	3,237,209	827,550				6,749,575
Adjustments											
Avg. Gross Cys					46,826	38,874	42,205				
Gross CY/Hr		2,125		2,125	2,669	2,205	2,599				2,417
Gross Width		300									
% of Gross											
Avg. Gross Face		5.9									
Start Station	13+80	21+50	23+85								
End Station	11+80	17+20	24+55								
Advance		700		700	68,982	33,373	9,604				111,959
Avg. Advance					1,203	401	490				29
Adv. Ft/Hr		32.4		32.4	69	23	30				40
Coverage		210,000		210,000	11,340,650	4,958,400	1,712,700				18,011,750
Avg. Coverage					197,791	59,543	87,347				112,420
Coverage/Hr		9,730		9,730							
Req. Grade + O.D.		30-32+5									
Dredged Elev.		31.5									
Set Size		10									
Material Type		SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		30,583		30,583		1,482,655	491,662				1,974,317
Pay CY/Hr		1,417		1,417		1,010	1,544				707
Gross Cys		45,874		45,874		3,237,209	827,550				4,064,759
Gross CY/Hr		2,125		2,125		2,205	2,599				1,456
% of Gross		66%		66%		45%	68%				48%
Start Station		126+40									
End Station		127+45									
Advance		105		105		105					105
Adv. Ft/Hr		5		5		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:20	26+34	6.17	179	29	14,414	2,337

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 159 Date: 3-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						335						
Rack						27						
Horsepower						4752						
Exhaust Temp.						865						
Dredge Fuel						6706						
Pump RPM						305						
In Pressure						44						
Out Pressure					44	156						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		13,720		Velocity		12.0	
Shore Line		9,745					
Rubber Line							
Total Line Length		25,065					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			148.50
Rubber Line			8.25
Sub Line Dredge			9.58
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	4	0.33	58.83
Traffic			6.67
Move Dredge	2	1.75	121.17
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			42.42
Operational Total	6	2.08	416.25
Weather Standby			297.50
Weather Repairs			12.25
Weather Moving			19.00
Weather Total			328.75
Pump RPR			115.75
Cutter RPR	1	0.33	35.33
Spud RPR			2.08
Electrical			5.17
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total	1	0.33	206.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	2.42	951.42

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:30	08:35	Move dredge from Cut 24 (ss 14+30 sand) to Cut 24 (ss 24+00 sand	1:05
17:15	17:35	Cutter RPR - changed out 5 cutter teeth	0:20
22:20	23:00	Move dredge from Cut 24 (ss 19+70 sand) to Cut 24 (ss 21+35 sand	0:40
	0:20	Move anchors (4x)	0:20
		Added 5 shore pipe	
		TOTAL	2:25

REMARKS:

The dredge continued digging sand all day this period. The stations listed under the "stripping" & "marsh" columns reflect two moves that the dredge made this day. Again, SAND was pumped to the beach all day.

Prepared By: **Jason Settle** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/4/2006 **Report #** 378

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 50 Max. 65

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	2 to 3	Swell
Fill Area	2 to 3	Feet
Wave Direction	E	

TIDE: .1 AM Morning tide
1.5 PM Evening tide

LOCATION OF DISCHARGE:

	127+45/145	feet east of pay profile line no.	CG 26	north pipe not active
	99+24/228	feet east of pay profile line no.	CG 20	south pipe active
Marsh	101+40/40	feet west of pay profile line no.	CG 21	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 13.58 hrs. on beach/fill, and 7.58 stripping. (See DDR)
2 Dozers worked on beach fill/grade and pipe relocation.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed. Also took check surveys from 111+00 to 130+00.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing where needed, and moving pipe.
I had to categorize the location of discharge as north pipe, and south pipe. To give an accurate location of discharge.
We are now pumping on the south pipe. Completing the seaward portion of the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - down (waiting for parts)
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 160 Page: 1 of 2 Date: 4-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	9.33	14.67		24.00	1385.41	2013.25	470.59				3869.25
Operating Time	7.58	13.58		21.17	1013.42	1481.67	318.42				2813.50
% of Total Time	81%	93%		88%	73%	74%	68%				73%
Lost Time	1.75	1.08		2.83	333.74	497.25	152.17				983.16
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	23,941	24,660		48,601	2,708,757	3,261,869	827,550				6,798,176
Adjustments											
Avg. Gross Cys					46,925	38,885	42,205				
Gross CY/Hr	3,157	1,815		2,296	2,673	2,201	2,599				2,416
Gross Width	300	300									
% of Gross											
Avg. Gross Face	9.8	6.3									
Start Station	9+50	24+55									
End Station	11+70	28+10									
Advance	220	355		575	69,202	33,728	9,604				112,534
Avg. Advance					1,199	402	490				29
Adv. Ft/Hr	29.0	26.1		27.2	68	23	30				40
Coverage	66,000	106,500		172,500	11,406,650	5,064,900	1,712,700				18,184,250
Avg. Coverage					197,602	60,379	87,347				112,792
Coverage/Hr	8,703	7,841		8,150							
Req. Grade + O.D.	26	30 + 5 OD									
Dredged Elev.	25.4	30.8									
Set Size	10	10									
Material Type	Mud	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		16,440		16,440		1,499,095	491,662				1,990,757
Pay CY/Hr		777		777		1,012	1,544				708
Gross Cys		24,660		24,660		3,261,869	827,550				4,089,419
Gross CY/Hr		1,815		1,165		2,201	2,599				1,453
% of Gross		66%		66%		46%	68%				49%
Start Station		99+24									
End Station		99+24									
Advance						1,365					1,365
Adv. Ft/Hr						1					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:20	13+70	6.17	200	32	18,909	3,066

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021   Location: Chaland Headland Restoration

Dredge: *TOM JAMES*   Report Number: 160   Page: 2 of 2   Date: 4-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		221				221						
Rack		29				29						
Horsepower		2843				2843						
Exhaust Temp.		750				750						
Dredge Fuel		5834				5834						
Pump RPM		202				202						
In Pressure		44				44						
Out Pressure	44	169			44	169						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4x48				4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600	1,600		Lift	3.0	7.0		Type	Super Sand Cutter
Submerged Line		13,720		Velocity	28.1	28.1		No. of Blade	6
Shore Line		6,924						Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length	1,600	22,244							

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			148.50
Rubber Line			8.25
Sub Line Dredge	1	1.25	10.83
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	6	0.50	59.33
Traffic			6.67
Move Dredge	1	1.08	122.25
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			42.42
Operational Total	8	2.83	419.08
Weather Standby			297.50
Weather Repairs			12.25
Weather Moving			19.00
Weather Total			328.75
Pump RPR			115.75
Cutter RPR			35.33
Spud RPR			2.08
Electrical			5.17
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total			206.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	2.83	954.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
13:35	14:40	Move Dredge from Cut 24 (ss 25+60 Sand) to Cut 25 (ss 7+00 Mud)	1:05
14:40	15:55	Disconnected the Rubber Line from the Subline to pump mud overb	1:15
	0:30	Move anchors (6x)	0:30
		TOTAL	2:50

REMARKS:

The dredge finished pumping sand from Cut 24 at 13:35 hrs. The dredge was then moved to Cut 2
where it was disconnected from the subline and begain stripping mud overboard.

Prepared By: **Jason Settle**   Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/5/2006 **Report #** 379

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: P Cloudy/ Rain **TEMPERATURE:** Min. 55 Max. 65

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 4	Swell
Fill Area	2 to 4	Feet
Wave Direction	E	

TIDE: .1 AM Morning tide
1.5 PM Evening tide

LOCATION OF DISCHARGE:

	127+45/145	feet east of pay profile line no.	CG 26	north pipe not active
	99+24/228	feet east of pay profile line no.	CG 20	south pipe not active
Marsh	101+40/40	feet west of pay profile line no.	CG 21	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 13.67 stripping. (See DDR)
2 Dozers worked on beach fill.
2 Marshbuggys worked on the marsh fill/grade.
Survey crew regraded and replaced stakes as needed. Also took some check surveys

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions. Then went in because of threating weather.
Shore crew continues dressing where needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - under repair
Weeks 865 Marsh Buggy - operating
D4- # 8824 - operable/idle
D6- # 8849 - down (waiting for parts)
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 161 Page: 1 of 2 Date: 5-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1409.41	2013.25	470.59				3893.25
Operating Time	13.67			13.67	1027.08	1481.67	318.42				2827.17
% of Total Time	57%			57%	73%	74%	68%				73%
Lost Time	10.33			10.33	344.08	497.25	152.17				993.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	44,315			44,315	2,753,072	3,261,869	827,550				6,842,491
Adjustments											
Avg. Gross Cys					46,880	38,885	42,205				
Gross CY/Hr	3,243			3,243	2,680	2,201	2,599				2,420
Gross Width	300										
% of Gross											
Avg. Gross Face	8.7										
Start Station	11+70										
End Station	16+30										
Advance	460			460	69,662	33,728	9,604				112,994
Avg. Advance					1,186	402	490				29
Adv. Ft/Hr	33.7			33.7	68	23	30				40
Coverage	138,000			138,000	11,544,650	5,064,900	1,712,700				18,322,250
Avg. Coverage					196,587	60,379	87,347				112,948
Coverage/Hr	10,098			10,098							
Req. Grade + O.D.	24-26										
Dredged Elev.	24.5										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,499,095	491,662				1,990,757
Pay CY/Hr						1,012	1,544				704
Gross Cys						3,261,869	827,550				4,089,419
Gross CY/Hr						2,201	2,599				1,446
% of Gross						46%	68%				49%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	N/A	0	0	0	0	0

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 161 Page: 2 of 2 Date: 5-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		333										
Rack		28										
Horsepower		5302										
Exhaust Temp.		851										
Dredge Fuel		4655										
Pump RPM		303										
In Pressure		44										
Out Pressure	44	169										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4x48										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	3.0		
Submerged Line				Velocity	11.7		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			148.50
Rubber Line			8.25
Sub Line Dredge			10.83
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	4	0.33	59.67
Traffic			6.67
Move Dredge			122.25
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.75	43.17
Operational Total	5	1.08	420.17
Weather Standby	1	6.50	304.00
Weather Repairs			12.25
Weather Moving	1	2.75	21.75
Weather Total	2	9.25	338.00
Pump RPR			115.75
Cutter RPR			35.33
Spud RPR			2.08
Electrical			5.17
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total			206.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	10.33	964.58

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
14:00	14:45	Stop ss 13+80 in cut 25. Prepared to tow dredge to safe harbor.	0:45
14:45	17:30	Raner on tow with dredge with Jeanne and Delta Fox assisting.	2:45
17:30	24:00	Dredge secure in safe harbor. Changed out 12 cutter teeth.	6:30
	0:20	Moved anchors (4x)	0:20
		TOTAL	10:20

REMARKS:

The dredge stripped until 14:00. Then the dredge was preped and towed to safe harbor. The dredg
reached safe harbor at 17:30. Reasons being were because of expected rough seas and high wind

Prepared By: **Jason Settle** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/6/2006 **Report #** 380

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Rain/Thundrstorm **TEMPERATURE:** Min. 60 Max. 70

WIND SPEED: 15.00 to 25.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	3 to 5	Swell
Fill Area	3 to 5	Feet
Wave Direction	E	

TIDE:

-.3	AM	Morning tide
1.8	PM	Evening tide

LOCATION OF DISCHARGE:

	127+45/145	feet east of pay profile line no.	CG 26	north pipe not active
	99+24/228	feet east of pay profile line no.	CG 20	south pipe active
Marsh	101+40/40	feet west of pay profile line no.	CG 21	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The dredge did not operate on this day due to bad weather. (See DDR)
Operaters power washed machines and did routine maintence.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge did not operate on this day due to bad weather. (See DDR)
Operaters power washed machines and did routine maintence.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operable/idle
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - down (waiting for parts)
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operable/idle
ATV - operating
ATV - Mule - operating
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Not operating due to bad weather(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Dredge not operating due to rough weather.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 162 Page: 1 of 2 Date: 6-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1409.41	2037.25	470.59				3917.25
Operating Time		0			1027.08	1481.67	318.42				2827.17
% of Total Time					73%	73%	68%				72%
Lost Time		24.00		24.00	344.08	521.25	152.17				1017.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		0			2,753,072	3,261,869	827,550				6,842,491
Adjustments											
Avg. Gross Cys					46,880	38,427	42,205				
Gross CY/Hr					2,680	2,201	2,599				2,420
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station		0									
End Station		0									
Advance					69,662	33,728	9,604				112,994
Avg. Advance					1,186	397	490				29
Adv. Ft/Hr					68	23	30				40
Coverage					11,544,650	5,064,900	1,712,700				18,322,250
Avg. Coverage					196,587	59,667	87,347				112,256
Coverage/Hr											
Req. Grade + O.D.		0									
Dredged Elev.		0									
Set Size		0									
Material Type		N/A									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,499,095	491,662				1,990,757
Pay CY/Hr						1,012	1,544				704
Gross Cys						3,261,869	827,550				4,089,419
Gross CY/Hr						2,201	2,599				1,446
% of Gross						46%	68%				49%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:15	N/A	0	0	0	0	0

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 162 Page: 2 of 2 Date: 6-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						0						
Rack						0						
Horsepower						0						
Exhaust Temp.						0						
Dredge Fuel						0						
Pump RPM						0						
In Pressure						0						
Out Pressure					0	0						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x48						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		0		Lift		0	
Submerged Line		0		Velocity		0	
Shore Line							
Rubber Line							
Total Line Length							

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			148.50
Rubber Line			8.25
Sub Line Dredge			10.83
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors			59.67
Traffic			6.67
Move Dredge			122.25
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total			420.17
Weather Standby	1	24.00	328.00
Weather Repairs			12.25
Weather Moving			21.75
Weather Total	1	24.00	362.00
Pump RPR			115.75
Cutter RPR			35.33
Spud RPR			2.08
Electrical			5.17
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total			206.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	988.58

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
0:00	24:00	Stayed in safe harbor because of high winds and rough seas.	24:00
		Welded new stand for welding machine on skadget and put welding machine on it.	
		Changed brake band pads on swing brakes in engine room.	
		TOTAL	24:00

REMARKS:

Dredge down all day due to high winds and rough seas.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/7/2006 **Report #** 381

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 60 Max. 70

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	2 to 4	Swell
Fill Area	2 to 4	Feet
Wave Direction	E	

TIDE:

-.4	AM	Morning tide
1.8	PM	Evening tide

LOCATION OF DISCHARGE:

	127+45/145	feet east of pay profile line no.	CG 26	north pipe not active
	99+24/228	feet east of pay profile line no.	CG 20	south pipe not active
Marsh	N/A	feet west of pay profile line no.	N/A	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 7.83 stripping. (See DDR)
2 Dozers worked on beach fill.
Survey crew set grade between sta. 113+90 and 120+00.
Survey crew began pulling stakes between 67+00 and 75+00

B. Subcontractor: Erosion Control Services
Fencing crew constructing sand fence between 67+00 and 75+00. They are constructing both north and south fences.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James was delayed because of weather. Then resumed dredging under normal conditions

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 163 Page: 1 of 2 Date: 7-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1433.41	2037.25	470.59				3941.25
Operating Time	7.83			7.83	1034.92	1481.67	318.42				2835.00
% of Total Time	33%			33%	72%	73%	68%				72%
Lost Time	16.17			16.17	360.24	521.25	152.17				1033.66
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	33,825			33,825	2,786,897	3,261,869	827,550				6,876,316
Adjustments											
Avg. Gross Cys					46,662	38,427	42,205				
Gross CY/Hr	4,318			4,318	2,693	2,201	2,599				2,426
Gross Width	300										
% of Gross											
Avg. Gross Face	8.1										
Start Station	16+30										
End Station	20+05										
Advance	375			375	70,037	33,728	9,604				113,369
Avg. Advance					1,173	397	490				29
Adv. Ft/Hr	47.9			47.9	68	23	30				40
Coverage	112,500			112,500	11,657,150	5,064,900	1,712,700				18,434,750
Avg. Coverage					195,179	59,667	87,347				112,257
Coverage/Hr	14,362			14,362							
Req. Grade + O.D.	24-26										
Dredged Elev.	24.5										
Set Size	10										
Material Type	MUD										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,499,095	491,662				1,990,757
Pay CY/Hr						1,012	1,544				702
Gross Cys						3,261,869	827,550				4,089,419
Gross CY/Hr						2,201	2,599				1,442
% of Gross						46%	68%				49%
Start Station											
End Station											
Advance		0									
Adv. Ft/Hr		0									
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:10	22+50	6.17	245	40	22,346	3,624

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 163 Page: 2 of 2 Date: 7-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		239										
Rack		25										
Horsepower		3123										
Exhaust Temp.		758										
Dredge Fuel		2242										
Pump RPM		209										
In Pressure		22										
Out Pressure	22	53										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4x48										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	3.0		
Submerged Line				Velocity	29.6		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			148.50
Rubber Line	1	1.17	9.42
Sub Line Dredge			10.83
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	2	0.17	59.83
Traffic			6.67
Move Dredge			122.25
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	3	1.33	421.50
Weather Standby	1	11.75	339.75
Weather Repairs			12.25
Weather Moving	1	3.08	24.83
Weather Total	2	14.83	376.83
Pump RPR			115.75
Cutter RPR			35.33
Spud RPR			2.08
Electrical			5.17
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total			206.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	16.17	1004.75

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	11:45	Dredge was still in safe harbor due to high winds and rough seas.	11:45
11:45	14:50	Delta Ranger departed safe harbor with dredge and headed to job s	3:05
14:50		Arrived at job site and set up dredge and equipment. Started strippir	
	16:00	Cut 25 (ss 13+80).	1:10
	0:10	Moved anchors (2x)	0:10
		TOTAL	16:10

REMARKS:

Towed dredge back to job site and resumed stripping mud at Cut 25.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/8/2006 **Report #** 382

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 65 Max. 70

WIND SPEED: 3.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: -.4 AM Morning tide
1.8 PM Evening tide

LOCATION OF DISCHARGE:

	127+45/145	feet east of pay profile line no.	CG 26	north pipe not active
	99+24/228	feet east of pay profile line no.	CG 20	south pipe not active
Marsh	N/A	feet west of pay profile line no.	N/A	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 23.25 stripping. (See DDR)
2 Dozers worked on beach fill.
Survey crew pulled stakes between 67+00 and 96+96.
Stakes are completely removed between 67+00 and 75+00.

B. Subcontractor: Erosion Control Services
Fencing crew constructing sand fence between 67+00 and 88+00. They are constructing both north and south fences.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A
NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 164 Page: 1 of 2 Date: 8-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1457.41	2037.25	470.59				3965.25
Operating Time	23.25			23.25	1058.17	1481.67	318.42				2858.25
% of Total Time	97%			97%	73%	73%	68%				72%
Lost Time	0.75			0.75	360.99	521.25	152.17				1034.41
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	78,825			78,825	2,865,722	3,261,869	827,550				6,955,141
Adjustments											
Avg. Gross Cys					47,191	38,427	42,205				
Gross CY/Hr	3,390			3,390	2,708	2,201	2,599				2,433
Gross Width	300										
% of Gross											
Avg. Gross Face	8.4										
Start Station	20+05										
End Station	28+45										
Advance	840			840	70,877	33,728	9,604				114,209
Avg. Advance					1,167	397	490				29
Adv. Ft/Hr	36.1			36.1	67	23	30				40
Coverage	252,000			252,000	11,909,150	5,064,900	1,712,700				18,686,750
Avg. Coverage					196,115	59,667	87,347				113,103
Coverage/Hr	10,839			10,839							
Req. Grade + O.D.	-26										
Dredged Elev.	-25.2										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,499,095	491,662				1,990,757
Pay CY/Hr						1,012	1,544				696
Gross Cys						3,261,869	827,550				4,089,419
Gross CY/Hr						2,201	2,599				1,431
% of Gross						46%	68%				49%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:15	30+30	6.08	185	30	18,435	3,030

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 164 Page: 2 of 2 Date: 8-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		225										
Rack		28										
Horsepower		3858										
Exhaust Temp.		760										
Dredge Fuel		4376										
Pump RPM		210										
In Pressure		19										
Out Pressure	19	57										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4x84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift		3.0	
Submerged Line				Velocity		29.9	
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			148.50
Rubber Line			9.42
Sub Line Dredge			10.83
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	7	0.58	60.42
Traffic			6.67
Move Dredge			122.25
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	7	0.58	422.08
Weather Standby			339.75
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			376.83
Pump RPR			115.75
Cutter RPR	1	0.17	35.50
Spud RPR			2.08
Electrical			5.17
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total	1	0.17	206.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	0.75	1005.50

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
14:20	14:30	Check Cutter. Teeth all okay.	0:10
	0:35	Move Anchors (7x)	0:35
		TOTAL	0:45

REMARKS:

The dredge continued stripping mud in Cut 25.

Prepared By: **Jason Settle** Approved By: ____________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/9/2006 **Report #** 383

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 65 Max. 72

WIND SPEED: 3.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: -.3 AM Morning tide
1.7 PM Evening tide

LOCATION OF DISCHARGE: 127+45/145 feet east of pay profile line no. CG 26 north pipe not active
99+24/228 feet east of pay profile line no. CG 20 south pipe not active
Marsh N/A feet west of pay profile line no. N/A not active
DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 22.00 stripping. (See DDR)
2 Dozers worked on beach fill.
Survey crew completely removed stakes between 76+00 and 96+96.
And took marsh surveys with airboat between 55+82 and 75+15.

B. Subcontractor: Erosion Control Services
Fencing crew constructing sand fence between 67+00 and 88+00. They are constructing both north and south fences.
This information is correct.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 165 Page: 1 of 2 Date: 9-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1481.41	2037.25	470.59				3989.25
Operating Time	22.00			22.00	1080.17	1481.67	318.42				2880.25
% of Total Time	92%			92%	73%	73%	68%				72%
Lost Time	2.00			2.00	362.99	521.25	152.17				1036.41
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	72,516			72,516	2,938,238	3,261,869	827,550				7,027,657
Adjustments											
Avg. Gross Cys					47,602	38,427	42,205				
Gross CY/Hr	3,296			3,296	2,720	2,201	2,599				2,440
Gross Width	300										
% of Gross											
Avg. Gross Face	8.6										
Start Station	28+45	22+50									
End Station	30+75	27+75									
Advance	755			755	71,632	33,728	9,604				114,964
Avg. Advance					1,160	397	490				29
Adv. Ft/Hr	34.3			34.3	66	23	30				40
Coverage	226,500			226,500	12,135,650	5,064,900	1,712,700				18,913,250
Avg. Coverage					196,607	59,667	87,347				113,785
Coverage/Hr	10,295			10,295							
Req. Grade + O.D.	-28&-26	-25&-26									
Dredged Elev.	-24.3	-24.5									
Set Size	10	10									
Material Type	mud	mud									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,499,095	491,662				1,990,757
Pay CY/Hr						1,012	1,544				691
Gross Cys						3,261,869	827,550				4,089,419
Gross CY/Hr						2,201	2,599				1,420
% of Gross						46%	68%				49%
Start Station	#REF!										
End Station											
Advance	#REF!			#REF!	#REF!						#REF!
Adv. Ft/Hr	#REF!			#REF!	#REF!						#REF!
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	29+96	5.83	221	38	20,276	3,476

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 165 Page: 2 of 2 Date: 9-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		225										
Rack		23										
Horsepower		3106										
Exhaust Temp.		741										
Dredge Fuel												
Pump RPM		206										
In Pressure	22											
Out Pressure		50										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	3.0		
Submerged Line				Velocity	30.3		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			148.50
Rubber Line			9.42
Sub Line Dredge			10.83
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	5	0.42	60.83
Traffic			6.67
Move Dredge	1	0.75	123.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	6	1.17	423.25
Weather Standby			339.75
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			376.83
Pump RPR			115.75
Cutter RPR			35.50
Spud RPR	1	0.83	2.92
Electrical			5.17
Eng Rm In			34.50
Eng Rm Out			13.58
Mechanical Total	1	0.83	207.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	2.00	1007.50

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:25	08:10	Stopped at S/S 28+25 cut 25 (stripping) and moved to S/S 20+00	0:45
		Cut 26, checked the cutter (OK)	
09:20	10:10	Weld on stbd spud. Small crack developing	0:50
	00:25	Move swing anchors 5 times	0:25
		TOTAL	2:00

REMARKS:

Todays dredging activities was stripping mud, from cuts 25, then moved to cut 26. All of the times & cyds accumulated under the stripping column, however the stations are seperated. Cut 26 stations are entered in the beach column.

Prepared By: **Wm Keith Stokes** Approved By: #REF!

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/10/2006 **Report #** 384

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 65 Max. 75

WIND SPEED: 3.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: 1.7 AM Morning tide
-.3 PM Evening tide

LOCATION OF DISCHARGE: 99+55/259 feet east of pay profile line no. CG 20 south pipe not active.
Marsh 138+58/150 feet east of pay profile line no. CG 28A north pipe not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 22.00 stripping. (See DDR)
1 marsh buggy worked on marsh fill.
2 Dozers worked on beach fill. They prepped fill area for fill by adding another pipe.
They also added pipe to north pipe to pump marsh.
Survey crew set and adjusted grade as needed. They also brought all the the old grade stakes from the landing to the dumpster on the barge.

B. Subcontractor: Erosion Control Services
Fencing crew constructing sand fence between 88+00 to 96+96. They are constructing both north and south fences.
This information is correct.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 166 Page: 1 of 2 Date: 10-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1505.41	2037.25	470.59				4013.25
Operating Time	22.00			22.00	1102.17	1481.67	318.42				2902.25
% of Total Time	92%			92%	73%	73%	68%				72%
Lost Time	2.00			2.00	364.99	521.25	152.17				1038.41
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	82,779			82,779	3,021,017	3,261,869	827,550				7,110,436
Adjustments											
Avg. Gross Cys					48,163	38,427	42,205				
Gross CY/Hr	3,763			3,763	2,741	2,201	2,599				2,450
Gross Width	300										
% of Gross											
Avg. Gross Face	9.9										
Start Station	27+75	22+50									
End Station	31+20	18+40									
Advance	755			755	72,387	33,728	9,604				115,719
Avg. Advance					1,154	397	490				29
Adv. Ft/Hr	34.3			34.3	66	23	30				40
Coverage	226,500			226,500	12,362,150	5,064,900	1,712,700				19,139,750
Avg. Coverage					197,084	59,667	87,347				114,459
Coverage/Hr	10,295			10,295							
Req. Grade + O.D.	-26&-25	-25-28-30									
Dredged Elev.	-25	-25&-26									
Set Size	10	10									
Material Type	mud	mud									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,499,095	491,662				1,990,757
Pay CY/Hr						1,012	1,544				686
Gross Cys						3,261,869	827,550				4,089,419
Gross CY/Hr						2,201	2,599				1,409
% of Gross						46%	68%				49%
Start Station		99+24	127+45								
End Station		99+55	138+58								
Advance		31	1,113	1,144		31	1,113				1,144
Adv. Ft/Hr				52		0	3				0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:25	16+00	5.83	240	41	20,335	3,486

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 166 Page: 2 of 2 Date: 10-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		225										
Rack		28										
Horsepower		4099										
Exhaust Temp.		743										
Dredge Fuel												
Pump RPM		205										
In Pressure	16											
Out Pressure		50										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600	1,600	Lift	3.0		
Submerged Line		13,720	13,720	Velocity	29.6		
Shore Line		6,955	10,858				
Rubber Line							
Total Line Length	1,600	22,275	26,178				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			148.50
Rubber Line			9.42
Sub Line Dredge			10.83
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	7	0.58	61.42
Traffic			6.67
Move Dredge	1	0.42	123.42
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	8	1.00	424.25
Weather Standby			339.75
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			376.83
Pump RPR			115.75
Cutter RPR	1	0.17	35.67
Spud RPR			2.92
Electrical			5.17
Eng Rm In	1	0.83	35.33
Eng Rm Out			13.58
Mechanical Total	2	1.00	208.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	2.00	1009.50

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:15	07:25	Check cutter and ladder	0:10
10:05	10:30	Stopped @ S/S 28+70 cut 26 (stripping) Turn dredge around and st	0:25
		back at S/S 25+00 cut 26 (stripping)	
10:30	11:20	Work on port swing brake	0:50
	00:35	Move swing anchors 7 times	0:35
		TOTAL	2:00

REMARKS:

All of todays stripping took place in cut 26. All of the advance and time is accumulated in the strippi column. The stations are seperated and entered in the beach column.

Prepared By: **Wm Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/11/2006 **Report #** 385

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: P. Cloudy **TEMPERATURE:** Min. 55 Max. 65

WIND SPEED: 10.00 to 15.00 MPH Cloudy **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: 1.4 AM Morning tide
.1 PM Evening tide

LOCATION OF DISCHARGE:

beach	99+55/259	feet east of pay profile line no.	CG 20	south active.
marsh	138+58/150	feet east of pay profile line no.	CG 28A	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 4.83 on beach fill 5.75 on marsh fill and 6.00 stripping.(See DDR)
1 marsh buggy controlling marsh fill.
2 Dozers worked on beach fill.
Survey crew set and adjusted grade as needed. Also took survey of two fence sections on the west end of the job. That were added under the revised fence stakeout. Pulled marsh stakes between 38+88 to 53+40. All marsh grade stakes are completely removed from 7+42 to 53+40. Survey crew had the assistance of airboat in recovery of marsh stakes.

B. Subcontractor: Erosion Control Services
Fence crew has fence posts in the ground and sand fence streched between 67+00 and 96+96. They still need to finish attaching fence to posts with wire. They however shifted their direction to planting grass inbetween fence rows from station 67+00 to 83+00.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
We are now using the north pipe for marsh fill. With no rubber hose attached.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operable/idle
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 167 Page: 1 of 2 Date: 11-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	6.50	7.50	10.00	24.00	1511.91	2044.75	480.59				4037.25
Operating Time	6.00	4.83	5.75	16.58	1108.17	1486.50	324.17				2918.84
% of Total Time	92%	64%	58%	69%	73%	73%	67%				72%
Lost Time	0.50	2.67	4.25	7.42	365.49	523.92	156.42				1045.83
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	19,371	8,621	15,610	43,602	3,040,388	3,270,490	843,160				7,154,038
Adjustments											
Avg. Gross Cys					48,263	38,387	42,106				
Gross CY/Hr	3,229	1,784	2,715	2,629	2,744	2,200	2,601				2,451
Gross Width	300	300	300								
% of Gross											
Avg. Gross Face	7.3	5.4	7.4								
Start Station	18+40	16+14	16+00								
End Station	16+00	14+70	14+10								
Advance	240	144	190	574	72,627	33,872	9,794				116,293
Avg. Advance					1,153	398	489				29
Adv. Ft/Hr	40.0	29.8	33.0	34.6	66	23	30				40
Coverage	72,000	43,200	57,000	172,200	12,434,150	5,108,100	1,769,700				19,311,950
Avg. Coverage					197,379	59,956	88,376				114,803
Coverage/Hr	12,000	8,938	9,913	10,384							
Req. Grade + O.D.	-26&-24	-32	-26&-24								
Dredged Elev.	-24.5	-32.5	-24.5								
Set Size	10	10	10								
Material Type	mud	sand	mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		5,747	7,805	13,552		1,504,842	499,467				2,004,309
Pay CY/Hr		347	1,357	817		1,012	1,541				687
Gross Cys		8,621	15,610	24,231		3,270,490	851,781				4,122,271
Gross CY/Hr		1,784	2,715	1,461		2,200	2,628				1,412
% of Gross		66%	50%	55%		46%	58%				48%
Start Station		99+55	138+58								
End Station		99+55	138+58								
Advance		0	0								
Adv. Ft/Hr		0	0								
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	13+00	5.92	170	29	10,679	1,805

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 167 Page: 2 of 2 Date: 11-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		320				320				320		
Rack		27				27				27		
Horsepower		4406				4406				4406		
Exhaust Temp.		870				870				870		
Dredge Fuel												
Pump RPM		295				295				295		
In Pressure	48				48				48			
Out Pressure		153				153				153		
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84				4 X 84				4 X 84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600	1,600	Lift	3.0	7.0	7.0
Submerged Line		13,720	13,720	Velocity	12.0	12.0	12.0
Shore Line		6,955	10,858				
Rubber Line							
Total Line Length	1,600	22,275	26,178				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	2.75	151.25
Rubber Line	2	0.50	9.92
Sub Line Dredge	1	0.50	11.33
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	4	0.33	61.75
Traffic			6.67
Move Dredge	1	1.00	124.42
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	11	5.08	429.33
Weather Standby			339.75
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			376.83
Pump RPR	1	0.83	116.58
Cutter RPR			35.67
Spud RPR			2.92
Electrical			5.17
Eng Rm In	1	1.50	36.83
Eng Rm Out			13.58
Mechanical Total	2	2.33	210.75
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	13	7.42	1016.92

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
03:10	03:30	Moving discharge line	0:20
03:55	04:05	Moving discharge line, under run cable	0:10
06:30	07:00	Hook rubber hose to subline, start pumping to marsh	0:30
07:00	07:35	Spoil area	0:35
09:00	09:50	Engine room, repack main pump	0:50
09:50	11:45	Wash out line for spoil area, and change out pipe	1:55
12:50	13:05	fix leak on spoil area	0:15
16:30	17:30	Stop @ S/S 16+60 Cut 26 & move to cut 25 S/S 18+64 and pump sand	1:00
22:30	24:00	Engine room work on thermo coupling on # 12 cylinder.	1:30
	00:20	Move swing anchors 4 times	0:20
		TOTAL	7:25

REMARKS:

Note that all advances today are down station. Also, started off stripping in cut 26 then hooked up subline @ 06:30 am and continued removing mud material from cut 26, but pumping to the marsh. moved dredge to cut 25 and started pumping sand.

Prepared By: **Wm Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/12/2006 **Report #** 386

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: P. Cloudy **TEMPERATURE:** Min. 55 Max. 65

WIND SPEED: 10.00 to 15.00 MPH Cloudy **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: 1.4 AM Morning tide
.1 PM Evening tide

LOCATION OF DISCHARGE:

beach	99+55/259	feet east of pay profile line no.	CG 20	south active.
marsh	138+58/150	feet east of pay profile line no.	CG 28A	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 17.25 on beach fill 4.75 on marsh fill. (See DDR)
1 marsh buggy controlling marsh fill.
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew set and adjusted grade as needed.
Took survey of completed fence sections.
Took check surveys from 98+00 to 120+00.

B. Subcontractor: Erosion Control Services
Fence crew continues planting grass between 67+00 and 96+96, fence is complete from 67+00 to 96+96, except for a small breach to get their ATV s back and forth more efficiently.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
We are now using the north pipe for marsh fill. With no rubber hose attached.
The end of the pipe is at 99+55, material is not stacking up. The fill zone extends all the way to 127+00.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operating
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 168 Page: 1 of 2 Date: 12-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		18.25	5.75	24.00	1511.91	2063.00	486.34				4061.25
Operating Time		17.25	4.75	22.00	1108.17	1503.75	328.92				2940.84
% of Total Time		95%	83%	92%	73%	73%	68%				72%
Lost Time		1.00	1.00	2.00	365.49	524.92	157.42				1047.83
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		40,021	10,548	50,569	3,040,388	3,310,511	853,708				7,204,607
Adjustments											
Avg. Gross Cys					48,263	38,513	42,129				
Gross CY/Hr		2,320	2,221	2,299	2,744	2,202	2,595				2,450
Gross Width		275	275								
% of Gross											
Avg. Gross Face		8.5	2.9								
Start Station	16+90	14+70	14+25								
End Station	14+40	12+55	10+65								
Advance		465	360	825	72,627	34,337	10,154				117,118
Avg. Advance					1,153	399	501				29
Adv. Ft/Hr		27.0	75.8	37.5	66	23	31				40
Coverage		127,875	99,000	226,875	12,434,150	5,235,975	1,868,700				19,538,825
Avg. Coverage					197,379	60,913	92,217				115,465
Coverage/Hr		7,413	20,842	10,313							
Req. Grade + O.D.		-32	-26&-24								
Dredged Elev.		-32	-24.5								
Set Size		10	10								
Material Type		sand	mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		26,680	5,274	31,954		1,504,842	499,467				2,004,309
Pay CY/Hr		1,213	1,110	1,452		1,001	1,519				682
Gross Cys		40,021	10,548	50,569		3,270,490	851,781				4,122,271
Gross CY/Hr		2,320	2,221	2,299		2,175	2,590				1,402
% of Gross		66%	50%	63%		46%	58%				48%
Start Station		99+55	138+58								
End Station		99+55	138+58								
Advance		0	0								
Adv. Ft/Hr		0	0								
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	12+93	6.00	147	25	11,970	1,995

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 168 Page: 2 of 2 Date: 12-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						320				320		
Rack						26				26		
Horsepower						4136				4136		
Exhaust Temp.						848				848		
Dredge Fuel												
Pump RPM						294				294		
In Pressure					45				45			
Out Pressure						150				150		
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4 X 84				4 X 84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600	1,600	Lift		7.0	7.0
Submerged Line		13,720	13,720	Velocity		120	120
Shore Line		6,955	10,858				
Rubber Line							
Total Line Length		22,275	26,178				

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			151.25
Rubber Line			9.92
Sub Line Dredge			11.33
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	6	0.50	62.25
Traffic			6.67
Move Dredge	2	1.50	125.92
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	8	2.00	431.33
Weather Standby			339.75
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			376.83
Pump RPR			116.58
Cutter RPR			35.67
Spud RPR			2.92
Electrical			5.17
Eng Rm In			36.83
Eng Rm Out			13.58
Mechanical Total			210.75
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	8	2.00	1018.92

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
08:05	08:55	Moved Dredge- from Cut25Mud SS 15+05 to Cut26 SS 16+75	0:50
		& checked cutter and Ladder (1)	
13:50	14:30	Moved Dredge- from Cut26Mud SS 13+15 to Cut26Sand SS19+40	0:40
		& checked cutter (2)	
	00:30	Moved Anchors 6X	0:30
		TOTAL	2:00

REMARKS:

Started day in cut 26 pumping sand to beach, advanced from 14+70 to 12+55. Then moved to cut and advanced from 14+25 to 10+65 also pumping mud to marsh. And then set back in cut 26 26 and pumped sand from sta. 16+90 to 14+40 (stripping column)

Volumns are decreasing due to cut beginning to narrow up(cut 26)

Prepared By: **Wm. Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/13/2006 **Report #** 387

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: P. Cloudy **TEMPERATURE:** Min. 60 Max. 65

WIND SPEED: 3.00 to 5.00 MPH Cloudy **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: 1.2 AM Morning tide
.2 PM Evening tide

LOCATION OF DISCHARGE:

beach	99+55/259	feet east of pay profile line no.	CG 20	south active.
beach	100+19/323	feet east of pay profile line no.	CG 20	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 22.08 on beach fill. (See DDR)
1 marsh buggy leveling marsh fill.
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew set and adjusted grade as needed.
Survey crew took check surveys fro 122+00 to 134+00.

B. Subcontractor: Erosion Control Services
Fence crew continued planting, and also closed access breach in fence.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
We have now broke back the north pipe and are using it for beach fill.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - operating
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable
(2) Polaris Ranger 6X6 ATV-operable
Honda 300 4X4 ATV-operable

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 169 Page: 1 of 2 Date: 13-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1511.91	2087.00	486.34				4085.25
Operating Time		22.08		22.08	1108.17	1525.83	328.92				2962.92
% of Total Time		92%		92%	73%	73%	68%				73%
Lost Time		1.92		1.92	365.49	526.83	157.42				1049.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		37,313		37,313	3,040,388	3,347,824	853,708				7,241,920
Adjustments											
Avg. Gross Cys					48,263	38,499	42,129				
Gross CY/Hr		1,690		1,690	2,744	2,194	2,595				2,444
Gross Width	200	300	300								
% of Gross											
Avg. Gross Face		4.9									
Start Station	14+40	12+55	21+08								
End Station	11+00	9+45	20+75								
Advance		683		683	72,627	35,020	10,154				117,801
Avg. Advance					1,153	403	501				29
Adv. Ft/Hr		30.9		30.9	66	23	31				40
Coverage		204,900		204,900	12,434,150	5,440,875	1,868,700				19,743,725
Avg. Coverage					197,379	62,569	92,217				115,990
Coverage/Hr		9,279		9,279							
Req. Grade + O.D.	-32+5'OD	-32+5'OD	-30+5'OD								
Dredged Elev.	-32.2	-32.1	-29.9								
Set Size	10	10	10								
Material Type	Sand	Sand	Sand								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		24,875		24,875		1,556,397	504,741				2,061,138
Pay CY/Hr		1,126		1,126		1,020	1,535				696
Gross Cys		37,313		37,313		3,347,824	853,708				4,201,532
Gross CY/Hr		1,690		1,690		2,194	2,595				1,418
% of Gross		66%		66%		46%	58%				48%
Start Station		99+55									
End Station		100+19									
Advance		64		64		95	1,113				1,208
Adv. Ft/Hr		3		3		0	3				0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	19+17	5.92	158	27	11,701	1,978

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 169 Page: 2 of 2 Date: 13-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						320						
Rack						31						
Horsepower						5529						
Exhaust Temp.						826						
Dredge Fuel						7918						
Pump RPM						294						
In Pressure						51						
Out Pressure					51	168						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		13,720		Velocity		12.5	
Shore Line		7,019					
Rubber Line							
Total Line Length		22,339					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			151.25
Rubber Line			9.92
Sub Line Dredge			11.33
Clean Pipeline			13.33
Clean Pump			1.75
Clean Cutter/Suction			3.67
Anchors	4	0.33	62.58
Traffic			6.67
Move Dredge	2	1.58	127.50
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	6	1.92	433.25
Weather Standby			339.75
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			376.83
Pump RPR			116.58
Cutter RPR			35.67
Spud RPR			2.92
Electrical			5.17
Eng Rm In			36.83
Eng Rm Out			13.58
Mechanical Total			210.75
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	6	1.92	1020.83

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
09:10	09:50	moved dredge- From Cut26 Sand SS 13+50 to Cut25SandSS15+05	0:40
		checked cutter (5) & ladder	
22:05	23:00	Moved dredge- From Cut25Sand SS 11+95 to Cut25SandSS23+58	0:55
		Checked cutter teeth (O.K.)	
	00:20	Moved Anchors 4X	0:20
		TOTAL	1:55

REMARKS:

Continued digging Sand- Cut26Sand STA's 14+40 to 11+00 (Stripping Column) =340' advance then to Cut25Sand STA's 12+55 to 9+45 (Beach Column) =310' advance, then to Cut25Sand STA's 21+08 to 20+75 (Marsh Column)= 33' advance , **combined advance=683'**

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/14/2006 **Report #** 388

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: P. Cloudy **TEMPERATURE:** Min. 60 Max. 65

WIND SPEED: 3.00 to 5.00 MPH Cloudy **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	E	

TIDE: 0.4 AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE:

beach	101+06/410	feet east of pay profile line no.	CG 20	south active.
beach	101+96/16	feet east of pay profile line no.	CG 21	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 12.75 on beach fill, then at 1445 moved dredge in for bad weather. (See DDF
1 marsh buggy leveling marsh fill.
3 Dozers worked on beach fill. Dressing and adding pipe as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operated under normal conditions, untill 1455, moved dredge in for bad weather.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - under repair
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions, untill 1455, moved dredge in for bad weather.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Tom James moved to safe harbor for bad weather.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 170 Page: 1 of 2 Date: 14-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1511.91	2111.00	486.34				4109.25
Operating Time		12.75		12.75	1108.17	1538.58	328.92				2975.67
% of Total Time		53%		53%	73%	73%	68%				72%
Lost Time		11.25		11.25	365.49	538.08	157.42				1061.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		27,800		27,800	3,040,388	3,375,624	853,708				7,269,720
Adjustments											
Avg. Gross Cys					48,263	38,378	42,129				
Gross CY/Hr		2,180		2,180	2,744	2,194	2,595				2,443
Gross Width		300									
% of Gross											
Avg. Gross Face		6.9									
Start Station		20+75									
End Station		17+10									
Advance		365		365	72,627	35,385	10,154				118,166
Avg. Advance					1,153	402	501				29
Adv. Ft/Hr		28.6		28.6	66	23	31				40
Coverage		109,500		109,500	12,434,150	5,550,375	1,868,700				19,853,225
Avg. Coverage					197,379	63,102	92,217				115,952
Coverage/Hr		8,588		8,588							
Req. Grade + O.D.		-32'									
Dredged Elev.		-31.0'									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		18,533		18,533		1,548,250	499,467				2,047,717
Pay CY/Hr		1,454		1,454		1,006	1,519				688
Gross Cys		27,800		27,800		3,375,624	853,708				4,229,332
Gross CY/Hr		2,180		2,180		18					1,421
% of Gross		67%		67%		46%	59%				48%
Start Station		100+19									
End Station		101+96									
Advance		177		177		177					177
Adv. Ft/Hr		14		14		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
Shut down					

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 170 Page: 2 of 2 Date: 14-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel												
				Engine room data not available at this time								
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84				4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		13,720		Velocity			
Shore Line		7,196					
Rubber Line							
Total Line Length		22,516					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			151.25
Rubber Line			9.92
Sub Line Dredge			11.33
Clean Pipeline	2	1.67	15.00
Clean Pump			1.75
Clean Cutter/Suction	1	0.25	3.92
Anchors	3	0.25	62.83
Traffic			6.67
Move Dredge			127.50
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	6	2.17	435.42
Weather Standby	1	9.08	348.83
Weather Repairs			12.25
Weather Moving			24.83
Weather Total	1	9.08	385.92
Pump RPR			116.58
Cutter RPR			35.67
Spud RPR			2.92
Electrical			5.17
Eng Rm In			36.83
Eng Rm Out			13.58
Mechanical Total			210.75
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	11.25	1032.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
05:40	06:40	Wash out for shoreline	1:00
09:00	09:15	Chaeck ladder and cutter	0:15
14:15	14:55	Wash out line, Stopped @ S/S 19+60 Cut 25 (sand)	0:40
14:55	24:00	Disconnect rubber hose, move dredge in for bad weather.	9:05
	00:15	Move swing anchors 3 times	0:15
		TOTAL	11:15

REMARKS:

Dredge is advancing in a westerly direction in cut 25 digging sand.

Prepared By: **Wm Keith Stokes** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/15/2006 **Report #** 389

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Rain **TEMPERATURE:** Min. 50 Max. 60

WIND SPEED: 20.00 to 40.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	5 to7	Swell
Fill Area	5 to 7	Feet
Wave Direction	S	

TIDE: 0.7 AM Morning tide
0.5 PM Evening tide

LOCATION OF DISCHARGE:

beach	101+06/410	feet east of pay profile line no.	CG 20	south active.
beach	101+96/16	feet east of pay profile line no.	CG 21	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom Jameswas down due to high winds and waves. (See DDR)
1 marsh buggy leveling marsh fill.
3 Dozers worked on beach fill. Dressing and adding pipe as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; was down due to high winds and waves. (See DDR)
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operating
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - under repair
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James;was down due to high winds and waves.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) NA . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) NA

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? NA

Did borrow area buoys require resetting (Yes/No)? NA

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No.
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A
NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: No swing file for today.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 171 Page: 1 of 2 Date: 15-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1511.91	2135.00	486.34				4133.25
Operating Time		00:00			1108.17	1538.58	328.92				2975.67
% of Total Time					73%	72%	68%				72%
Lost Time		24.00		24.00	365.49	562.08	157.42				1085.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					3,040,388	3,375,624	853,708				7,269,720
Adjustments											
Avg. Gross Cys					48,263	37,946	42,129				
Gross CY/Hr					2,744	2,194	2,595				2,443
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					72,627	35,385	10,154				118,166
Avg. Advance					1,153	398	501				29
Adv. Ft/Hr					66	23	31				40
Coverage					12,434,150	5,550,375	1,868,700				19,853,225
Avg. Coverage					197,379	62,393	92,217				115,279
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,548,250	499,467				2,047,717
Pay CY/Hr						1,006	1,519				688
Gross Cys						3,375,624	853,708				4,229,332
Gross CY/Hr						18					1,421
% of Gross						46%	59%				48%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 171 Page: 2 of 2 Date: 15-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel												
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line				Lift			
Submerged Line				Velocity			
Shore Line							
Rubber Line							
Total Line Length							

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			151.25
Rubber Line			9.92
Sub Line Dredge			11.33
Clean Pipeline			15.00
Clean Pump			1.75
Clean Cutter/Suction			3.92
Anchors			62.83
Traffic			6.67
Move Dredge			127.50
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total			435.42
Weather Standby	1	24.00	372.83
Weather Repairs			12.25
Weather Moving			24.83
Weather Total	1	24.00	409.92
Pump RPR			116.58
Cutter RPR			35.67
Spud RPR			2.92
Electrical			5.17
Eng Rm In			36.83
Eng Rm Out			13.58
Mechanical Total			210.75
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	1056.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	Dredge behind Grand Isle for passage of strong frontal system.	24:00
		Shut down all day.	
		TOTAL	24:00

REMARKS:

Prepared By: **Wm Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/16/2006 **Report #** 390

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 48 Max. 61

WIND SPEED: 10.00 to 20.00 MPH **Direction** W

WAVE HEIGHT AT:

Borrow Site	2 to 3	Swell
Fill Area	2 to 3	Feet
Wave Direction	W	

TIDE: 0.5 AM Morning tide
0.9 PM Evening tide

LOCATION OF DISCHARGE:

beach	101+06/410	feet east of pay profile line no.	CG 20	south active.
beach	101+96/16	feet east of pay profile line no.	CG 21	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James; was down due to high winds and waves, untill 1710 and worked 5.92 on beach fill. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; was down due to high winds and waves untill 1710. (See DDR)
Shore crew continues dressing as needed.
Material not staking up as a result of very silty material and washed away existing material.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - under repair
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; was down due to high winds and waves untill 1710.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
In todays swing file, bad data from 0731 to 1423 is a result of the moving from safe harbor.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 172 Page: 1 of 2 Date: 16-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1511.91	2159.00	486.34				4157.25
Operating Time		5.92		5.92	1108.17	1544.50	328.92				2981.59
% of Total Time		25%		25%	73%	72%	68%				72%
Lost Time		18.08		18.08	365.49	580.17	157.42				1103.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		9,372		9,372	3,040,388	3,384,996	853,708				7,279,092
Adjustments											
Avg. Gross Cys					48,263	37,628	42,129				
Gross CY/Hr		1,584		1,584	2,744	2,192	2,595				2,441
Gross Width		300									
% of Gross											
Avg. Gross Face		5.3									
Start Station	20+70	17+08									
End Station	20+90	15+70									
Advance		158		158	72,627	35,543	10,154				118,324
Avg. Advance					1,153	395	501				28
Adv. Ft/Hr		26.7		26.7	66	23	31				40
Coverage		47,400		47,400	12,434,150	5,597,775	1,868,700				19,900,625
Avg. Coverage					197,379	62,226	92,217				114,887
Coverage/Hr		8,011		8,011							
Req. Grade + O.D.		-32									
Dredged Elev.		-32									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		5,355		5,355		1,541,691	499,467				2,041,158
Pay CY/Hr		905		905		998	1,519				685
Gross Cys		9,372		9,372		3,384,996	853,708				4,238,704
Gross CY/Hr		1,584		1,584		6					1,422
% of Gross		67%		67%		46%	59%				48%
Start Station		101+96									
End Station		101+96									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	22+19	5.50	129	23	8,517	1,549

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 172 Page: 2 of 2 Date: 16-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						324						
Rack						26						
Horsepower						4142						
Exhaust Temp.						865						
Dredge Fuel												
Pump RPM						294						
In Pressure					46							
Out Pressure						147						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84				4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		13,720		Velocity		11.6	
Shore Line		7,196					
Rubber Line							
Total Line Length		22,516					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.25	151.50
Rubber Line			9.92
Sub Line Dredge			11.33
Clean Pipeline			15.00
Clean Pump			1.75
Clean Cutter/Suction			3.92
Anchors	2	0.33	63.17
Traffic			6.67
Move Dredge	2	3.83	131.33
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	5	4.42	439.83
Weather Standby	1	13.08	385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total	1	13.08	423.00
Pump RPR			116.58
Cutter RPR			35.67
Spud RPR			2.92
Electrical			5.17
Eng Rm In	1	0.58	37.42
Eng Rm Out			13.58
Mechanical Total	1	0.58	211.33
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	18.08	1074.17

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	13:05	Weather Standing by at grand Isle.	13:05
13:05	16:35	Move the dredge back out to cut 25, set out anchors and hook up	3:30
		floating line. Start at S/S 1958 advancing in westerly direction	
16:35	17:10	Engine room	0:35
17:50	18:05	Fix leaks on shoreline	0:15
23:10	23:30	Move dredge, spun dredge around and started advancing in an	0:20
		easterly direction, from S/S 1820, still digging sand in cut 25	
	00:20	Move anchors	0:20
		While in safe harbor the runner was changed on the main pump,	
		still have a 4 X 84" runner. (new)	
		TOTAL	18:05

REMARKS:

All of todays advance was inside of cut 25. First we started up at C/S 17+08 and advanced west to sta. 15+70 then spun around on spud and started advancing east from station 20+70 to 20+90. There is some overlap here from the last time we advanced here. (approx. 38')

Adjusted beach pay cyc. volume based on lastest survey data.

Prepared By: **Wm Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/17/2006 **Report #** 391

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 47 Max. 60

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	N	

TIDE: 0.1 AM Morning tide
1.2 PM Evening tide

LOCATION OF DISCHARGE:

beach	101+06/410	feet east of pay profile line no.	CG 20	south active.
beach	101+96/16	feet east of pay profile line no.	CG 21	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 22.0 hrs on beach fill. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew took checks, restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew was plant grass on the beach.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
Material not staking up as a result of very silty material and washed away existing material again.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - under repair
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 173 Page: 1 of 2 Date: 17-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1511.91	2183.00	486.34				4181.25
Operating Time		22.00		22.00	1108.17	1566.50	328.92				3003.59
% of Total Time		92%		92%	73%	72%	68%				72%
Lost Time		2.00		2.00	365.49	582.17	157.42				1105.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		42,781		42,781	3,040,388	3,427,777	853,708				7,321,873
Adjustments											
Avg. Gross Cys					48,263	37,685	42,129				
Gross CY/Hr		1,945		1,945	2,744	2,188	2,595				2,438
Gross Width		300									
% of Gross											
Avg. Gross Face		4.9									
Start Station		20+90									
End Station		28+70									
Advance		780		780	72,627	36,323	10,154				119,104
Avg. Advance					1,153	399	501				28
Adv. Ft/Hr		35.5		35.5	66	23	31				40
Coverage		234,000		234,000	12,434,150	5,831,775	1,868,700				20,134,625
Avg. Coverage					197,379	64,115	92,217				115,571
Coverage/Hr		10,636		10,636							
Req. Grade + O.D.		-30									
Dredged Elev.		-30									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		28,521		28,521		1,570,212	499,467				2,069,679
Pay CY/Hr		1,296		1,296		1,002	1,519				689
Gross Cys		42,781		42,781		3,427,777	853,708				4,281,485
Gross CY/Hr		1,945		1,945		27					1,425
% of Gross		67%		67%		46%	59%				48%
Start Station		101+96									
End Station		101+96									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	30+50	5.00	180	36	9,827	1,965

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 173 Date: 17-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						323						
Rack						25						
Horsepower						3885						
Exhaust Temp.						848						
Dredge Fuel												
Pump RPM						294						
In Pressure					45							
Out Pressure						139						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84				4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		13,720		Velocity		11.7	
Shore Line		7,196					
Rubber Line							
Total Line Length		22,516					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.33	151.83
Rubber Line			9.92
Sub Line Dredge			11.33
Clean Pipeline			15.00
Clean Pump			1.75
Clean Cutter/Suction			3.92
Anchors	8	1.33	64.50
Traffic			6.67
Move Dredge			131.33
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	9	1.67	441.50
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR	1	0.33	36.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In			37.42
Eng Rm Out			13.58
Mechanical Total	1	0.33	211.67
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	2.00	1076.17

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
04:40	05:00	Dump, fix leak on shoreline	0:20
13:20	13:40	Change out 5 cutter teeth	0:20
	01:20	Move anchors 8 times	1:20
		TOTAL	2:00

REMARKS:
All of todays dredging activities took place in cut 25, digging in a easterly direction, pumping sand to the beach.

Prepared By: **Wm Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/18/2006 **Report #** 392

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 47 Max. 59

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	N	

TIDE: 0.1 AM Morning tide
1.2 PM Evening tide

LOCATION OF DISCHARGE:

beach	101+06/410	feet east of pay profile line no.	CG 20	south active.
beach	101+96/16	feet east of pay profile line no.	CG 21	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 19.8 hrs on beach fill. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew took checks, restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew was plant grass on the beach.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
Material not building up as a result of very silty material and washed away existing material again.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - under repair
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
The swing was out of the water from 1200 to 1300, that resulted in bad data.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 174 Page: 1 of 2 Date: 18-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1511.91	2207.00	486.34				4205.25
Operating Time		19.08		19.08	1108.17	1585.58	328.92				3022.67
% of Total Time		80%		80%	73%	72%	68%				72%
Lost Time		4.92		4.92	365.49	587.08	157.42				1110.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		31,334		31,334	3,040,388	3,459,111	853,708				7,353,207
Adjustments											
Avg. Gross Cys					48,263	37,616	42,129				
Gross CY/Hr		1,642		1,642	2,744	2,182	2,595				2,433
Gross Width		300									
% of Gross											
Avg. Gross Face		4.3									
Start Station	27+25	28+70	15+80								
End Station	30+40	30+70	18+95								
Advance		650		650	72,627	36,973	10,154				119,754
Avg. Advance					1,153	402	501				28
Adv. Ft/Hr		34.1		34.1	66	23	31				40
Coverage		195,000		195,000	12,434,150	6,026,775	1,868,700				20,329,625
Avg. Coverage					197,379	65,538	92,217				116,024
Coverage/Hr		10,218		10,218							
Req. Grade + O.D.		-30,-30,-32									
Dredged Elev.		-30,-30,-32									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		15,667		15,667		1,585,879	499,467				2,085,346
Pay CY/Hr		821		821		1,000	1,519				690
Gross Cys		31,334		31,334		3,459,111	853,708				4,312,819
Gross CY/Hr		1,642		1,642		2,182	2,595				1,427
% of Gross		50%		50%		46%	59%				48%
Start Station		101+96									
End Station		101+96									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	2074	5.25	179	34	12,444	2,370

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 174 Page: 2 of 2 Date: 18-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						323						
Rack						32						
Horsepower						5842						
Exhaust Temp.						912						
Dredge Fuel						7114						
Pump RPM						294						
In Pressure					47							
Out Pressure						171						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84				4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		13,720		Velocity		12.2	
Shore Line		7,196					
Rubber Line							
Total Line Length		22,516					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	0.83	152.67
Rubber Line			9.92
Sub Line Dredge			11.33
Clean Pipeline			15.00
Clean Pump			1.75
Clean Cutter/Suction			3.92
Anchors	7	1.17	65.67
Traffic			6.67
Move Dredge	2	2.75	134.08
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	10	4.75	446.25
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR			36.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In	1	0.17	37.58
Eng Rm Out			13.58
Mechanical Total	1	0.17	211.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	11	4.92	1081.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	00:50	Spoil area,build dikes	0:50
06:15	07:00	Stop @ S/S 2820 cut 25 (sand) move dredge to S/S 2475 Cut 24	0:45
		(sand) checked cutter teeth. All ok	
12:00	14:00	Finish cut 24 S/S 2798 (sand) Change out stbd swing wire	2:00
		Move dredge to cut 26 S/S 1330 (sand)	
21:35	21:45	Engine room Air line	0:10
	01:10	Moved swing anchors 7 times	1:10
		TOTAL	4:55

REMARKS:

We were digging in a easterly direction all day, but in three separate cuts. Cut 25 from 28+70 to 30
Cut 24 from 27+25 to 30+40 and then moved to Cut 26 from 15+80 to 18+95, all advances are tabu
in the beach column. All material was classified as sand to beach.

Prepared By: **Wm Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/19/2006 **Report #** 393

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 42 Max. 57

WIND SPEED: 10.00 to 15.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	N	

TIDE: 0.0 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE:

beach	101+06/410	feet east of pay profile line no.	CG 20	south active.
beach	101+96/16	feet east of pay profile line no.	CG 21	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 21.75 hrs on beach fill. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew took checks, restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew was plant grass on the beach.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
Material not building up as a result of very silty material and washed away existing material again.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - under repair
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 175 Page: 1 of 2 Date: 19-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1511.91	2231.00	486.34				4229.25
Operating Time		21.75		21.75	1108.17	1607.33	328.92				3044.42
% of Total Time		91%		91%	73%	72%	68%				72%
Lost Time		2.25		2.25	365.49	589.33	157.42				1112.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		41,928		41,928	3,040,388	3,501,039	853,708				7,395,135
Adjustments											
Avg. Gross Cys					48,263	37,662	42,129				
Gross CY/Hr		1,928		1,928	2,744	2,178	2,595				2,429
Gross Width		300									
% of Gross											
Avg. Gross Face		5.1									
Start Station		18+95									
End Station		26+40									
Advance		745		745	72,627	37,718	10,154				120,499
Avg. Advance					1,153	406	501				28
Adv. Ft/Hr		34.3		34.3	66	23	31				40
Coverage		223,500		223,500	12,434,150	6,250,275	1,868,700				20,553,125
Avg. Coverage					197,379	67,237	92,217				116,634
Coverage/Hr		10,276		10,276							
Req. Grade + O.D.		-32 & -30'									
Dredged Elev.		-31.5									
Set Size		10									
Material Type		sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		20,964		20,964		1,606,843	499,467				2,106,310
Pay CY/Hr		964		964		1,000	1,519				692
Gross Cys		41,928		41,928		3,501,039	853,708				4,354,747
Gross CY/Hr		1,928		1,928		2,178	2,595				1,430
% of Gross		50%		50%		47%	59%				48%
Start Station		101+96									
End Station		101+96									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	28+24	5.83	184	32	11,345	1,945

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 175 Page: 2 of 2 Date: 19-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						320						
Rack						32						
Horsepower						5836						
Exhaust Temp.						842						
Dredge Fuel						7677						
Pump RPM						292						
In Pressure					49							
Out Pressure						169						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84				4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		13,720		Velocity		12.4	
Shore Line		7,196					
Rubber Line							
Total Line Length		22,516					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	1.08	153.75
Rubber Line			9.92
Sub Line Dredge			11.33
Clean Pipeline			15.00
Clean Pump			1.75
Clean Cutter/Suction			3.92
Anchors	6	1.00	66.67
Traffic			6.67
Move Dredge			134.08
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	8	2.08	448.33
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR	1	0.17	36.17
Spud RPR			2.92
Electrical			5.17
Eng Rm In			37.58
Eng Rm Out			13.58
Mechanical Total	1	0.17	212.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	2.25	1083.33

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:25	01:00	Spoil area	0:35
06:30	06:40	Change out (1) cutter teeth, service ladder	0:10
10:20	10:50	Spoil area add 2 pipes	0:30
	1:00	Move swing anchors 6 times	1:00
		TOTAL	2:15

REMARKS:

The dredge worked in an easterly direction in cut 26, advancing fromsta. 18+95 to 26+40, pumping sand to the beach.

Prepared By: **Wm Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/20/2006 **Report #** 394

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 38 Max. 53

WIND SPEED: 10.00 to 20.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	N	

TIDE: -0.2 AM Morning tide
1.4 PM Evening tide

LOCATION OF DISCHARGE:

Beach	101+96/16	feet east of pay profile line no.	CG 21	south active.
Marsh	134+34/350	feet east of pay profile line no.	CG 27	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 6.92 hrs on beach fill, and worked 13.75 stripping. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew took AD's in the marsh from stations 77+60 to 94+54.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
Material not building up as a result of very silty material and washed away existing material again.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - under repair
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 176 Page: 1 of 2 Date: 20-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	16.92	7.08		24.00	1528.83	2238.08	486.34				4253.25
Operating Time	13.75	6.92		20.67	1121.92	1614.25	328.92				3065.09
% of Total Time	81%	98%		86%	73%	72%	68%				72%
Lost Time	3.17	0.17		3.33	368.66	589.50	157.42				1115.58
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	44,919	14,221		59,140	3,085,307	3,515,260	853,708				7,454,275
Adjustments											
Avg. Gross Cys					48,434	37,696	42,129				
Gross CY/Hr	3,267	2,056		2,862	2,750	2,178	2,595				2,432
Gross Width	300	300									
% of Gross											
Avg. Gross Face	5.5	5.6									
Start Station	15+00	26+40									
End Station	22+35	28+70									
Advance	735	230		965	73,362	37,948	10,154				121,464
Avg. Advance					1,152	407	501				29
Adv. Ft/Hr	53.5	33.3		46.7	65	24	31				40
Coverage	220,500	69,000		289,500	12,654,650	6,319,275	1,868,700				20,842,625
Avg. Coverage					198,657	67,765	92,217				117,610
Coverage/Hr	16,036	9,976		14,008							
Req. Grade + O.D.	-24 & -30	-30									
Dredged Elev.	-24 & -30	-30.5									
Set Size	10	10									
Material Type	mud	sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		7,111		7,111		1,613,954	499,467				2,113,421
Pay CY/Hr		344		344		1,000	1,519				690
Gross Cys		14,221		14,221		3,515,260	853,708				4,368,968
Gross CY/Hr		2,056		688		2,178	2,595				1,425
% of Gross		50%		50%		46%	59%				48%
Start Station		101+96									
End Station		101+96									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	23+85	5.92	150	25	13,729	2,320

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 176 Page: 2 of 2 Date: 20-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		221				221						
Rack		25				25						
Horsepower		3540				3540						
Exhaust Temp.		710				710						
Dredge Fuel		4800				4800						
Pump RPM		200				200						
In Pressure	23				23							
Out Pressure		56				56						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84				4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift	3.0	7.0	
Submerged Line		13,720		Velocity	29.6	29.6	
Shore Line		7,196					
Rubber Line							
Total Line Length	1,600	22,516					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			153.75
Rubber Line			9.92
Sub Line Dredge			11.33
Clean Pipeline	1	0.83	15.83
Clean Pump			1.75
Clean Cutter/Suction			3.92
Anchors	6	1.00	67.67
Traffic			6.67
Move Dredge	1	1.33	135.42
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			43.17
Operational Total	8	3.17	451.50
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR	1	0.17	36.33
Spud RPR			2.92
Electrical			5.17
Eng Rm In			37.58
Eng Rm Out			13.58
Mechanical Total	1	0.17	212.17
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	3.33	1086.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
07:05	07:55	Wash out line	0:50
07:55	09:15	Move dredge from cut 26 S/S 2620 (sand) to cut 27 S/S 1250 and	1:20
		start stripping, pumping over board.(Mud)	
15:20	15:30	Check cutter teeth, OK	0:10
	01:00	Move anchors 6 times	1:00
		TOTAL	3:20

REMARKS:

Dredge continues in cut 26 in easterly direction pumping sand to the beach. (26+40 to 28+70)

Moved dredge to cut 27 and started stripping mud (15+00 to 22+35) Pumping over board.

Prepared By: **Wm Keith Stokes** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/21/2006 **Report #** 395

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 40 Max. 57

WIND SPEED: 10.00 to 15.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	N	

TIDE: -0.3 AM Morning tide
1.5 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	132+60/176	feet east of pay profile line no.	CG 27	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 6.83 hrs on beach fill, worked 6.08 on marsh fill, and worked 7.08 stripping. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
Material not building up as a result of very silty material and washed away existing material again.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - under repair
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 177 Page: 1 of 2 Date: 21-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	7.50	7.50	9.00	24.00	1536.33	2245.58	495.34				4277.25
Operating Time	7.08	6.83	6.08	20.00	1129.00	1621.08	335.00				3085.09
% of Total Time	94%	91%	68%	83%	73%	72%	68%				72%
Lost Time	0.42	0.67	2.92	4.00	369.08	590.17	160.34				1119.58
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	17,938	12,846	14,546	45,330	3,103,245	3,528,106	868,254				7,499,605
Adjustments											
Avg. Gross Cys					48,478	37,707	42,068				
Gross CY/Hr	2,532	1,880	2,391	2,267	2,749	2,176	2,592				2,431
Gross Width	335	335	335								
% of Gross											
Avg. Gross Face	7.4	5.3	6.9								
Start Station	22+35	22+25	24+31								
End Station	24+31	24+20	26+00								
Advance	196	195	169	560	73,558	38,143	10,323				122,024
Avg. Advance					1,149	408	500				29
Adv. Ft/Hr	27.7	28.5	27.8	28.0	65	24	31				40
Coverage	65,660	65,325	56,615	187,600	12,720,310	6,384,600	1,925,315				21,030,225
Avg. Coverage					198,713	68,236	93,285				118,002
Coverage/Hr	9,270	9,560	9,307	9,380							
Req. Grade + O.D.	-25	-32	-25								
Dredged Elev.	-25	-32	-25								
Set Size	10	10	10								
Material Type	mud	sand	mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		6,423	14,546	20,969		1,620,377	514,013				2,134,390
Pay CY/Hr		321	2,391	1,048		1,000	1,534				692
Gross Cys		12,846	14,546	27,392		3,528,106	868,254				4,396,360
Gross CY/Hr		1,880	2,391	1,370		2,176	2,592				1,425
% of Gross		50%	100%	77%		46%	59%				49%
Start Station		101+96									
End Station		103+75									
Advance		179		179		179					179
Adv. Ft/Hr		26		9		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
0600	25+62	5.25	142	27	10,220	1,947

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 | Location: Chaland Headland Restoration

Dredge: *TOM JAMES* | Report Number: 177 | | Date: 21-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		326				326				326		
Rack		26				26				26		
Horsepower		4147				4147				4147		
Exhaust Temp.		896				896				896		
Dredge Fuel		6054				6054				6054		
Pump RPM		295				295				295		
In Pressure	46				46				46			
Out Pressure		147				147				147		
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84				4 X 84				4 X 84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600	1,600	1,600	Lift	3.0	7.0	7.0	Type	Super Sand Cutter
Submerged Line		13,720	13,720	Velocity	12.1	12.1	12.1	No. of Blades	6
Shore Line		7,375	10,260					Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length	1,600	22,695	25,580						

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	3	1.33	155.08
Rubber Line	1	0.58	10.50
Sub Line Dredge			11.33
Clean Pipeline			15.83
Clean Pump			1.75
Clean Cutter/Suction	2	0.33	4.25
Anchors	4	0.67	68.33
Traffic			6.67
Move Dredge	1	0.50	135.92
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.58	43.75
Operational Total	12	4.00	455.50
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR			36.33
Spud RPR			2.92
Electrical			5.17
Eng Rm In			37.58
Eng Rm Out			13.58
Mechanical Total			212.17
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	12	4.00	1090.67

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
02:10	02:25	Clean the cutter	0:15
07:30	08:05	Stop stripping pumping overboard at S/S 21+81 start pumping mud to	0:35
		marsh. Hook up rubber hose to subline.	
08:05	08:40	Cut stbd swing cable, make new eye	0:35
09:20	10:10	Fix shore line leaks	0:50
10:15	10:20	Clean the cutter	0:05
11:30	11:40	Fix shore line leaks	0:10
14:30	14:50	Fix shore line leaks	0:20
16:30	17:00		0:30
	00:40	Move swing anchors	0:40
		TOTAL	4:00

REMARKS:

Started day off in cut 27 stripping, pumping overboard. Hooked up to subline @ 0730 hrs. Continued in
cut 27. Then @ 1630 hrs. set the dredge back to S/S 19+75 and started pumping sand to the beach.
Each column is seperated for times, advance and yardages.

Prepared By: **Wm Keith Stokes** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/22/2006 **Report #** 396

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 43 Max. 62

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	N	

TIDE: -0.3 AM Morning tide
1.6 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	132+60/176	feet east of pay profile line no.	CG 27	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 17.08 hrs on beach fill, and worked 4.25 on marsh fill. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew took checks, restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
Material not building up as a result of very silty material and washed away existing material again.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - under repair
966F loader # 8409 - operating
ATV - operating
ATV - Mule - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 178 Page: 1 of 2 Date: 22-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		18.75	5.25	24.00	1536.33	2264.33	500.59				4301.25
Operating Time		17.08	4.25	21.33	1129.00	1638.17	339.25				3106.42
% of Total Time		91%	81%	89%	73%	72%	68%				72%
Lost Time		1.67	1.00	2.67	369.08	591.83	161.34				1122.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		29,820	11,427	41,247	3,103,245	3,557,926	879,681				7,540,852
Adjustments											
Avg. Gross Cys					48,478	37,711	42,175				
Gross CY/Hr		1,746	2,689	1,933	2,749	2,172	2,593				2,428
Gross Width		300	300								
% of Gross											
Avg. Gross Face		5.1	8.5								
Start Station	27+45	24+20	25+95								
End Station	29+80	27+15	27+16								
Advance		530	121	651	73,558	38,673	10,444				122,675
Avg. Advance					1,149	410	501				29
Adv. Ft/Hr		31.0	28.5	30.5	65	24	31				39
Coverage		159,000	36,300	195,300	12,720,310	6,543,600	1,961,615				21,225,525
Avg. Coverage					198,713	69,357	94,047				118,434
Coverage/Hr		9,307	8,541	9,155							
Req. Grade + O.D.	-30+5'OD	-32+5'OD	-25 to -28								
Dredged Elev.	-32.4	-33.0	-24.7								
Set Size	10	10	10								
Material Type	Sand	Sand	Mud								

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		14,910	11,427	26,337		1,635,287	525,440				2,160,727
Pay CY/Hr		699	2,689	1,235		998	1,549				696
Gross Cys		29,820	11,427	41,247		3,557,926	879,681				4,437,607
Gross CY/Hr		1,746	2,689	1,933		2,172	2,593				1,429
% of Gross		50%	100%	64%		46%	60%				49%
Start Station		103+75	132+60								
End Station		103+75	132+60								
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	31+01	5.92	121	20	9,543	1,613

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 178 Page: 2 of 2 Date: 22-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						323				323		
Rack						26				26		
Horsepower						4169				4169		
Exhaust Temp.						847				847		
Dredge Fuel						6218				6218		
Pump RPM						297				297		
In Pressure						42				42		
Out Pressure					42	142			42	142		
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4 X 84				4 X 84		
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600	1,600	1,600	Lift		7.0	7.0	Type	Super Sand Cutter
Submerged Line		13,720	13,720	Velocity		10.9	10.9	No. of Blades	6
Shore Line		7,375	10,260					Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length	1,600	22,695	25,580						

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	2	1.08	156.17
Rubber Line			10.50
Sub Line Dredge			11.33
Clean Pipeline			15.83
Clean Pump			1.75
Clean Cutter/Suction			4.25
Anchors	4	0.33	68.67
Traffic			6.67
Move Dredge	2	0.92	136.83
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.33	44.08
Operational Total	9	2.67	458.17
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR			36.33
Spud RPR			2.92
Electrical			5.17
Eng Rm In			37.58
Eng Rm Out			13.58
Mechanical Total			212.17
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	2.67	1093.33

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
03:55	04:30	Shore Line- add pipe (2) & @ 07:00 changed from Cut27Sand -	0:35
		SS 23+45 to Cut27Mud SS 23+45	
07:30	07:50	Changed out cutter teeth (12) & Service Ladder	0:20
12:10	12:40	Shore - Pump water Stop pumping Mud Cut27Mud SS 24+66	0:30
12:40	13:05	Moved dredge- Started pumping sand Cut27Sand SS 23+40	0:25
16:20	16:50	Moved dredge- from Cut27Sand SS 24+65 to Cut26Sand	0:30
	00:20	Moved Anchors 4X	0:20
		TOTAL	2:40

REMARKS:

continued digging Sand Cut27sand STA's 24+20 to 25+95 (Beach column)=175' advance, then Switched to Cut27Mud STA's 25+95 to 27+16 (Marsh Column) = 121' advance, then moved to Cut27Sand STA's 25+95 to 27+15 (included in Beach Column)= 120' advance, then moved to Cut26Sand STA's 27+45 to 29+80 (Stripping Column)= 235' advance

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/23/2006 **Report #** 397

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 45 Max. 68

WIND SPEED: 0.00 to 5.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	N	

TIDE: -0.4 AM Morning tide
1.7 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 23.0 hrs on beach fill. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew took checks, restaked and graded as needed.
One dozer, one mule, and one marshbuggy left the job site.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
Material not building up as a result of very silty material and washed away existing material again.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
Weeks 865 Marsh Buggy - Left job site
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
D6- # 8850 - left job site
966F loader # 8409 - operating
ATV - operating
ATV - Mule - left job site
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 179 Page: 1 of 2 Date: 23-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1536.33	2288.33	500.59				4325.25
Operating Time		23.00		23.00	1129.00	1661.17	339.25				3129.42
% of Total Time		96%		96%	73%	73%	68%				72%
Lost Time		1.00		1.00	369.08	592.83	161.34				1123.25
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		28,225		28,225	3,103,245	3,586,151	879,681				7,569,077
Adjustments											
Avg. Gross Cys					48,478	37,611	42,175				
Gross CY/Hr		1,227		1,227	2,749	2,159	2,593				2,419
Gross Width		300									
% of Gross											
Avg. Gross Face		3.5									
Start Station	29+80	22+50									
End Station	31+01	16+55									
Advance		716		716	73,558	39,389	10,444				123,391
Avg. Advance					1,149	413	501				29
Adv. Ft/Hr		31.1		31.1	65	24	31				39
Coverage		214,800		214,800	12,720,310	6,758,400	1,961,615				21,440,325
Avg. Coverage					198,713	70,882	94,047				118,968
Coverage/Hr		9,339		9,339							
Req. Grade + O.D.		-32 + 5' OD									
Dredged Elev.		-33.5									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		14,113		14,113		1,707,860	525,440				2,233,300
Pay CY/Hr		614		614		1,028	1,549				714
Gross Cys		28,225		28,225		3,586,151	879,681				4,465,832
Gross CY/Hr		1,227		1,227		2,159	2,593				1,427
% of Gross		50%		50%		48%	60%				50%
Start Station		103+75									
End Station		103+75									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
5:15	14+85	4.92	170	35	8,777	1,785

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 179 Date: 23-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						328						
Rack						29						
Horsepower						4718						
Exhaust Temp.						874						
Dredge Fuel						8173						
Pump RPM						297						
In Pressure						46						
Out Pressure					46	154						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		13,720		Velocity		12.4	
Shore Line		7,375					
Rubber Line							
Total Line Length		22,695					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			156.17
Rubber Line			10.50
Sub Line Dredge			11.33
Clean Pipeline			15.83
Clean Pump			1.75
Clean Cutter/Suction			4.25
Anchors	4	0.33	69.00
Traffic			6.67
Move Dredge	1	0.67	137.50
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			44.08
Operational Total	5	1.00	459.17
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR			36.33
Spud RPR			2.92
Electrical			5.17
Eng Rm In			37.58
Eng Rm Out			13.58
Mechanical Total			212.17
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	1.00	1094.33

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
06:10	06:50	Move Dredge - from cut 26 ss 28+51 back to Cut 27 ss 25+00.	0:40
		Continued to pump sand. Checked cutter teeth & serviced ladde	
	0:20	Move anchors (4X)	0:20
		TOTAL	1:00

REMARKS:

Finished pumping sand from Cut 26 (stations shown in the "stripping" column). Moved the dredge back to Cut 27 and continued pumping sand (stations shown in the "beach" column).

Adjust pay cyc. Beach volume based on lastest survey data.

Prepared By: **Wm Keith Stokes** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/24/2006 **Report #** 398

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 52 Max. 70

WIND SPEED: 0.00 to 5.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	N	

TIDE: -0.4 AM Morning tide
1.6 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 5.0 hrs on beach fill, and 15.25 hrs on stripping. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew took checks, restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - under repair
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 180 Page: 1 of 2 Date: 24-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	15.58	8.42		24.00	1551.91	2296.75	500.59				4349.25
Operating Time	15.25	5.00		20.25	1144.25	1666.17	339.25				3149.67
% of Total Time	98%	59%		84%	74%	73%	68%				72%
Lost Time	0.33	3.42		3.75	369.41	596.25	161.34				1127.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	32,357	5,833		38,190	3,135,602	3,591,984	879,681				7,607,267
Adjustments											
Avg. Gross Cys					48,492	37,535	42,175				
Gross CY/Hr	2,122	1,167		1,886	2,740	2,156	2,593				2,415
Gross Width	234	300									
% of Gross											
Avg. Gross Face	5.2	3.5									
Start Station	10+30	16+55									
End Station	3+12	15+05									
Advance	718	150		868	74,276	39,539	10,444				124,259
Avg. Advance					1,149	413	501				29
Adv. Ft/Hr	47.1	30.0		42.9	65	24	31				39
Coverage	168,012	45,000		213,012	12,888,322	6,803,400	1,961,615				21,653,337
Avg. Coverage					199,316	71,092	94,047				119,487
Coverage/Hr	11,017	9,000		10,519							
Req. Grade + O.D.	-26	-32+5'OD									
Dredged Elev.	-25.2	-33.4									
Set Size	10	10									
Material Type	Mud	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		2,917		2,917		1,710,777	525,440				2,236,217
Pay CY/Hr		144		144		1,027	1,549				710
Gross Cys		5,833		5,833		3,591,984	879,681				4,471,665
Gross CY/Hr		1,167		288		2,156	2,593				1,420
% of Gross		50%		50%		48%	60%				50%
Start Station		103+75									
End Station		103+75									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	0+66	5.92	226	38	13,057	2,207

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 180 Date: 24-Nov-06

ENGINE ROOM & PUMP INFORMATION

	Stripping				Beach				Marsh			
ITEM	**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**		**U/W Pump**	**Dredge Pump**	**Booster 268**	
Engine RPM		221				221						
Rack		24				24						
Horsepower		3809				3809						
Exhaust Temp.		671				671						
Dredge Fuel		5331				5331						
Pump RPM		200				200						
In Pressure		18				18						
Out Pressure	18	52			18	52						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84				4X84						
Line To												
Line From												

ITEM	**Stripping**	**Beach**	**Marsh**	**ITEM**	**Stripping**	**Beach**	**Marsh**	**CUTTER**	
Rubber Line	1,600	1,600		Lift	1.0	7.0		Type	Super Sand Cutter
Submerged Line		18,760		Velocity	28.4	28.4		No. of Blades	6
Shore Line		7,375						Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length	1,600	27,735							

LOST TIME BREAKDOWN

DELAY	**# STOPS TODAY**	**HOURS TODAY**	**HOURS TO DATE**
Shore Line/ Work	1	0.83	157.00
Rubber Line			10.50
Sub Line Dredge			11.33
Clean Pipeline	1	1.17	17.00
Clean Pump			1.75
Clean Cutter/Suction			4.25
Anchors	7	0.58	69.58
Traffic			6.67
Move Dredge	1	1.17	138.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			44.08
Operational Total	10	3.75	462.92
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR			36.33
Spud RPR			2.92
Electrical			5.17
Eng Rm In			37.58
Eng Rm Out			13.58
Mechanical Total			212.17
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	10	3.75	1098.08

LEVERMAN'S LOG

Stop Time	**Start Time**	**Delays**	**Lost Time**
05:15	06:25	Clean pipeline- Stop at Cut27sand SS 17+55	1:10
06:25	07:15	Shore work- wash out hill	0:50
07:15	08:25	Moved Dredge- to Cut7AMud SS 12+80	1:10
	00:35	Moved Anchors 7X	0:35
		TOTAL	3:45

REMARKS:

Continued digging Sand in Cut27Sand STA's 16+55 to 15+05 (Beach Column) =150' advance, then to Cut7AMud STA's 10+30 to 3+12 (Stripping Column) =718' advance

LAYED OUT SUBLINE- Added Pipe (7) 5,040' aprox. = total pipe 18760'

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/25/2006 **Report #** 399

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 53 Max. 71

WIND SPEED: 0.00 to 5.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	N	

TIDE: 1.7 AM Morning tide
-.04 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 21.83 hrs on stripping. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew took checks, restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 181 Page: 1 of 2 Date: 25-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1575.91	2296.75	500.59				4373.25
Operating Time	21.83			21.83	1166.08	1666.17	339.25				3171.50
% of Total Time	91%			91%	74%	73%	68%				73%
Lost Time	2.17			2.17	371.58	596.25	161.34				1129.16
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	60,901			60,901	3,196,503	3,591,984	879,681				7,668,168
Adjustments											
Avg. Gross Cys					48,680	37,535	42,175				
Gross CY/Hr	2,789			2,789	2,741	2,156	2,593				2,418
Gross Width	300										
% of Gross											
Avg. Gross Face	6.6										
Start Station	2+92	1+50									
End Station	-2+05	-1+85									
Advance	832			832	75,108	39,539	10,444				125,091
Avg. Advance					1,144	413	501				29
Adv. Ft/Hr	38.1			38.1	64	24	31				39
Coverage	249,600			249,600	13,137,922	6,803,400	1,961,615				21,902,937
Avg. Coverage					200,081	71,092	94,047				120,201
Coverage/Hr	11,432			11,432							
Req. Grade + O.D.	-26										
Dredged Elev.	-24.2										
Set Size	10										
Material Type	Mud										

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,710,777	525,440				2,236,217
Pay CY/Hr						1,027	1,549				705
Gross Cys						3,591,984	879,681				4,471,665
Gross CY/Hr						2,156	2,593				1,410
% of Gross						48%	60%				50%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
05:30	-3+82	5.33	197	37	14,694	2,755

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 181 Date: 25-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		221										
Rack		26										
Horsepower		3558										
Exhaust Temp.		726										
Dredge Fuel		6684										
Pump RPM		201										
In Pressure		22										
Out Pressure	22	54										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600			Lift	1.0		
Submerged Line				Velocity	27.8		
Shore Line							
Rubber Line							
Total Line Length	1,600						

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			157.00
Rubber Line			10.50
Sub Line Dredge			11.33
Clean Pipeline			17.00
Clean Pump			1.75
Clean Cutter/Suction			4.25
Anchors	7	0.58	70.17
Traffic			6.67
Move Dredge	1	0.92	139.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			44.08
Operational Total	8	1.50	464.42
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR	1	0.67	37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In			37.58
Eng Rm Out			13.58
Mechanical Total	1	0.67	212.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	2.17	1100.25

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
08:00	08:40	Check discharge anchor - move discharge. Checked cutter - chang	0:40
		out 5 cutter teeth.	
14:05	15:00	Move dredge - finished stripping mud from Cut 7A (ss 0+45) and	0:55
		moved over to Cut 6A stripping (ss 4+00). Re-adjusted discharge li	
	0:35	Move anhcors (7X)	0:35
		TOTAL	2:10

REMARKS:

The dredge finished stripping mud from Cut 7A (stations listed under the "stripping" column), then moved over to Cut 6A and continued stripping mud (stations listed under the "beach" column).

Prepared By: **Jason Settle** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/26/2006 **Report #** 400

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 52 Max. 70

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	NE	

TIDE: 1.7 AM Morning tide
-.04 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 22.42 hrs on stripping. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 182 Page: 1 of 2 Date: 26-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	24.00			24.00	1599.91	2296.75	500.59				4397.25
Operating Time	22.42			22.42	1188.50	1666.17	339.25				3193.92
% of Total Time	93%			93%	74%	73%	68%				73%
Lost Time	1.58			1.58	373.16	596.25	161.34				1130.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	61,757			61,757	3,258,260	3,591,984	879,681				7,729,926
Adjustments											
Avg. Gross Cys					48,877	37,535	42,175				
Gross CY/Hr	2,755			2,755	2,741	2,156	2,593				2,420
Gross Width	272										
% of Gross											
Avg. Gross Face	7.9										
Start Station	-1+85	8+50									
End Station	-4+15	3+00									
Advance	780			780	75,888	39,539	10,444				125,871
Avg. Advance					1,138	413	501				29
Adv. Ft/Hr	34.8			34.8	64	24	31				39
Coverage	212,160			212,160	13,350,082	6,803,400	1,961,615				22,115,097
Avg. Coverage					200,263	71,092	94,047				120,703
Coverage/Hr	9,464			9,464							
Req. Grade + O.D.	-26	-26									
Dredged Elev.	-24.1	-24.3									
Set Size	10	10									
Material Type	Mud	Mud									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,710,777	525,440				2,236,217
Pay CY/Hr						1,027	1,549				700
Gross Cys						3,591,984	879,681				4,471,665
Gross CY/Hr						2,156	2,593				1,400
% of Gross						48%	60%				50%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	1+14	5.92	186	31	17,773	3,004

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 182 Page: 2 of 2 Date: 26-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM		219										
Rack		24										
Horsepower		3338										
Exhaust Temp.		743										
Dredge Fuel		5466										
Pump RPM		200										
In Pressure		23										
Out Pressure	23	57										
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84										
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600			Lift	1.0			Type	Super Sand Cutter
Submerged Line				Velocity	28.8			No. of Blades	6
Shore Line								Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length	1,600								

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			157.00
Rubber Line			10.50
Sub Line Dredge			11.33
Clean Pipeline			17.00
Clean Pump			1.75
Clean Cutter/Suction			4.25
Anchors	5	0.42	70.58
Traffic			6.67
Move Dredge	1	1.00	140.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.17	44.25
Operational Total	7	1.58	466.00
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR			37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In			37.58
Eng Rm Out			13.58
Mechanical Total			212.83
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	1.58	1101.83

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
06:45	07:45	Moved Dredge- from Cut6A SS -1+60 to Cut8A SS 11+00	1:00
17:00	17:10	Changed cutter teeth (1) & serviced ladder	0:10
	00:25	Moved Anchor (5)	0:25
		TOTAL	1:35

REMARKS:

Continued stripping mud, Cut6A STA's -1+85 to -4+15 (Stripping Column) = 230' advance, then to Cut8A STA's 8+50 to 3+00 (Beach column)= 5+50'advance ,**total advance =780'**

Prepared By: **Nicholas Marshall** Approved By: ______

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/27/2006 **Report #** 401

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 52 Max. 72

WIND SPEED: 0.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	NE	

TIDE: 1.4 AM Morning tide
-0.1 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 7.92 hrs on stripping, and 12.33 hrs on beach fill. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Buoys where reset at corners of borrow area.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 183 Page: 1 of 2 Date: 27-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	10.75	13.25		24.00	1610.66	2310.00	500.59				4421.25
Operating Time	7.92	12.33		20.25	1196.42	1678.50	339.25				3214.17
% of Total Time	74%	93%		84%	74%	73%	68%				73%
Lost Time	2.83	0.92		3.75	375.99	597.17	161.34				1134.50
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	19,728	6,954		26,682	3,277,988	3,598,938	879,681				7,756,608
Adjustments											
Avg. Gross Cys					48,844	37,392	42,175				
Gross CY/Hr	2,492	564		1,318	2,740	2,144	2,593				2,413
Gross Width	300	300									
% of Gross											
Avg. Gross Face	6.7	6.6									
Start Station	3+00	8+50									
End Station	0+35	7+55									
Advance	265	95		360	76,153	39,634	10,444				126,231
Avg. Advance					1,135	412	501				29
Adv. Ft/Hr	33.5	7.7		17.8	64	24	31				39
Coverage	79,500	28,500		108,000	13,429,582	6,831,900	1,961,615				22,223,097
Avg. Coverage					200,111	70,981	94,047				120,634
Coverage/Hr	10,042	2,311		5,333							
Req. Grade + O.D.	-26	-32									
Dredged Elev.	-24.3	-31.8									
Set Size	10	10									
Material Type	Mud	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		3,477		3,477		1,714,254	525,440				2,239,694
Pay CY/Hr		172		172		1,021	1,549				697
Gross Cys		6,954		6,954		3,598,939	879,681				4,478,620
Gross CY/Hr		564		343		2,144	2,593				1,393
% of Gross		50%		50%		48%	60%				50%
Start Station		103+75									
End Station		103+75									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	6+72	5.92	83	14	6,086	1,029

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 183 Date: 27-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM		337				337						
Rack		23				23						
Horsepower		5627				5627						
Exhaust Temp.		955				955						
Dredge Fuel		7006				7006						
Pump RPM		315				315						
In Pressure		51				51						
Out Pressure	51	181			51	181						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 X 84				4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift	1.0	7.0	
Submerged Line		18,760		Velocity	11.1	11.1	
Shore Line		7,375					
Rubber Line							
Total Line Length	1,600	27,735					

CUTTER

Type	Super Sand Cutter
No. of Blade	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			157.00
Rubber Line			10.50
Sub Line Dredge			11.33
Clean Pipeline	1	0.83	17.83
Clean Pump			1.75
Clean Cutter/Suction			4.25
Anchors	2	0.17	70.75
Traffic			6.67
Move Dredge	1	1.00	141.58
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			44.25
Operational Total	4	2.00	468.00
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR			37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In	1	1.75	39.33
Eng Rm Out			13.58
Mechanical Total	1	1.75	214.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	3.75	1105.58

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
08:00	09:00	Moved Dredge- from Cut8AMud SS 2+85 to Cut8ASand SS 11+00,	1:00
		connected to submerge (pump on beach). Changed cutter teeth (4)	
09:00	10:45	ER- "busted water line"	1:45
12:00	12:50	Clean Pipeline- pumped water line loaded (velocity 6.8)	0:50
	00:10	Moved anchors 2X	0:10
		TOTAL	3:45

REMARKS:

Continued Stripping Mud- Cut8Amud STA's 3+00 to 0+35 (Stripping Column)=265' advance,
then moved back in Cut8Asand and dug STA's 8+50 to 7+55 (Beach Column)=95' advance

note-very slow/little advance while digging for sand, cutter kept sucking mud in same spot-from aprox. 17:00 to 20:00

Placed Dredge bouy's (9) around Chaland Barrow area according to "spec's"

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/28/2006 **Report #** 402

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 53 Max. 73

WIND SPEED: 0.00 to 5.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	E	

TIDE: 1.1 AM Morning tide
0.1 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	north pipe active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 21.50 hrs on beach fill. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 184 Page: 1 of 2 Date: 28-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1610.66	2334.00	500.59				4445.25
Operating Time		21.50		21.50	1196.42	1700.00	339.25				3235.67
% of Total Time		90%		90%	74%	73%	68%				73%
Lost Time		2.50		2.50	375.99	599.67	161.34				1137.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		30,927		30,927	3,277,988	3,629,865	879,681				7,787,534
Adjustments											
Avg. Gross Cys					48,844	37,325	42,175				
Gross CY/Hr		1,438		1,438	2,740	2,135	2,593				2,407
Gross Width		300									
% of Gross											
Avg. Gross Face		7.8									
Start Station	8+00	7+55	9+85								
End Station	6+55	6+30	9+00								
Advance		355		355	76,153	39,989	10,444				126,586
Avg. Advance					1,135	411	501				28
Adv. Ft/Hr		16.5		16.5	64	24	31				39
Coverage		106,500		106,500	13,429,582	6,938,400	1,961,615				22,329,597
Avg. Coverage					200,111	71,346	94,047				120,558
Coverage/Hr		4,953		4,953							
Req. Grade + O.D.		-32									
Dredged Elev.		-31.8									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		15,463		15,463		1,729,717	525,440				2,255,157
Pay CY/Hr		719		719		1,017	1,549				697
Gross Cys		30,927		30,927		3,629,865	879,681				4,509,546
Gross CY/Hr		1,438		1,438		2,135	2,593				1,394
% of Gross		50%		50%		48%	60%				50%
Start Station		103+75									
End Station		103+75									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	5+65	5.33	90	17	8,834	1,656

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 184 Page: 2 of 2 Date: 28-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						351						
Rack						34						
Horsepower						6003						
Exhaust Temp.						957						
Dredge Fuel						7853						
Pump RPM						318						
In Pressure						43						
Out Pressure					43	174						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		18,760		Velocity		11.3	
Shore Line		7,375					
Rubber Line							
Total Line Length		27,735					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			157.00
Rubber Line			10.50
Sub Line Dredge			11.33
Clean Pipeline	2	0.75	18.58
Clean Pump			1.75
Clean Cutter/Suction			4.25
Anchors	4	0.33	71.08
Traffic			6.67
Move Dredge	2	1.08	142.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.33	44.58
Operational Total	9	2.50	470.50
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR			37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In			39.33
Eng Rm Out			13.58
Mechanical Total			214.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	2.50	1108.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
08:20	08:55	Moved dredge- from Cut8ASand SS 8+70 to Cut7ASand SS 12+35	0:35
10:20	10:40	Check cutter teeth (6) changed	0:20
13:50	14:20	Moved dredge- From Cut7ASand SS 11+50 to Cut7ASand SS 10+5	0:30
20:00	20:20	Clean Pipeline- line loaded full	0:20
23:00	23:25	Clean Pipeline- line loaded full	0:25
	00:20	Moved anchors 4X	0:20
		TOTAL	2:30

REMARKS:

Continued digging in Cut8Asand STA's 7+55 to 6+30 (Beach Column)=125' advance, then to Cut7ASand STA's 9+85 to 9+00 (Marsh Column)=85' advance, then moved ahead in Cut7Asand, STA's 8+00 to 6+55 (Stripping column)=145' advance, **total sand advace = 355' (heavy mud in line)**

MAINTAINED AND CHECKED ALL DREDGE BOUYS IN AND AROUND BARROW AREA

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/29/2006 **Report #** 403

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 52 Max. 72

WIND SPEED: 5.00 to 10.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	E	

TIDE: 0.8 AM Morning tide
0.4 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	not active.

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 22.67 hrs on beach fill. (See DDR)
3 Dozers worked on beach fill. Dressing and adding pipe as needed.
Survey crew took checks, and restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Kenneth Mahler
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 185 Page: 1 of 2 Date: 29-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1610.66	2358.00	500.59				4469.25
Operating Time		22.67		22.67	1196.42	1722.67	339.25				3258.34
% of Total Time		94%		94%	74%	73%	68%				73%
Lost Time		1.33		1.33	375.99	601.00	161.34				1138.33
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		27,816		27,816	3,277,988	3,657,681	879,681				7,815,350
Adjustments											
Avg. Gross Cys					48,844	37,228	42,175				
Gross CY/Hr		1,227		1,227	2,740	2,123	2,593				2,399
Gross Width		300									
% of Gross											
Avg. Gross Face		8.2									
Start Station		6+55									
End Station		3+50									
Advance		305		305	76,153	40,294	10,444				126,891
Avg. Advance					1,135	410	501				28
Adv. Ft/Hr		13.5		13.5	64	23	31				39
Coverage		91,500		91,500	13,429,582	7,029,900	1,961,615				22,421,097
Avg. Coverage					200,111	71,551	94,047				120,402
Coverage/Hr		4,037		4,037							
Req. Grade + O.D.		-32									
Dredged Elev.		-31.9									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		13,908		13,908		1,743,625	525,440				2,269,065
Pay CY/Hr		614		614		1,012	1,549				696
Gross Cys		27,816		27,816		3,657,681	879,681				4,537,362
Gross CY/Hr		1,227		1,227		2,123	2,593				1,393
% of Gross		50%		50%		48%	60%				50%
Start Station		103+75									
End Station		103+75									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	2+82	4.67	68	15	5,300	1,136

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 185 Date: 29-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						349						
Rack						32						
Horsepower						5687						
Exhaust Temp.						941						
Dredge Fuel						8808						
Pump RPM						305						
In Pressure						42						
Out Pressure					42	164						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		18,760		Velocity		11.4	
Shore Line		7,375					
Rubber Line							
Total Line Length		27,735					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			157.00
Rubber Line			10.50
Sub Line Dredge			11.33
Clean Pipeline	1	0.58	19.17
Clean Pump			1.75
Clean Cutter/Suction			4.25
Anchors	3	0.25	71.33
Traffic			6.67
Move Dredge			142.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.	1	0.50	45.08
Operational Total	5	1.33	471.83
Weather Standby			385.92
Weather Repairs			12.25
Weather Moving			24.83
Weather Total			423.00
Pump RPR			116.58
Cutter RPR			37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In			39.33
Eng Rm Out			13.58
Mechanical Total			214.58
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	5	1.33	1109.42

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
03:40	04:15	Cleanpipeline- washout line	0:35
08:50	09:20	Changed cutter teeth (3)	0:30
	00:15	Moved Anchors 3X	0:15
		TOTAL	1:20

REMARKS:

Continued digging for sand in Cut7Asand STA's 6+55 to 3+50 (Beach Column)= 305' advance
Heavy mud still found at sand depths and clogging pipeline, periodically washing out
Maintained All dredge bouys in and around barrow area.

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 11/30/2006 **Report #** 404

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 62 Max. 81

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	3 TO 5	Swell
Fill Area	3 TO 5	Feet
Wave Direction	E	

TIDE: 0.4 AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE:

Beach	103+75/195	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 3.67 hrs on beach fill. (See DDR)
3 Dozers on beach. Attempted to pipe up but fill was to unstable.
1 Marsh buggy on beach to help control fill.
Survey crew took checks, and restaked and graded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.Untill around 5:00 when rough seas caused dredge to go to safe harbor.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.Untill around 5:00 when rough seas caused dredge to go to safe harbor.
(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Marsh buggy breached dike at 114+50 to relieve construction area of unsuitable material, material not building in design template.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.
XYZ data is corrupted between 23:35 to 23:54.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 186 Page: 1 of 2 Date: 30-Nov-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1610.66	2382.00	500.59				4493.25
Operating Time		3.67		3.67	1196.42	1726.34	339.25				3262.01
% of Total Time		15%		15%	74%	72%	68%				73%
Lost Time		20.33		20.33	375.99	621.33	161.34				1158.66
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		5,300		5,300	3,277,988	3,662,981	879,681				7,820,651
Adjustments											
Avg. Gross Cys					48,844	36,907	42,175				
Gross CY/Hr				1,444	2,740	2,122	2,593				2,397
Gross Width		300									
% of Gross											
Avg. Gross Face		7.0									
Start Station		3+50									
End Station		2+82									
Advance		68		68	76,153	40,362	10,444				126,959
Avg. Advance					1,135	407	501				28
Adv. Ft/Hr		18.5		18.5	64	23	31				39
Coverage		20,400		20,400	13,429,582	7,050,300	1,961,615				22,441,497
Avg. Coverage					200,111	71,036	94,047				119,868
Coverage/Hr		5,559		5,559							
Req. Grade + O.D.		-32									
Dredged Elev.		-31.9									
Set Size		10									
Material Type		Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		0		0		1,743,625	525,440				2,269,065
Pay CY/Hr		0		0		1,010	1,549				696
Gross Cys		5,300		5,300		3,662,981	879,681				4,542,662
Gross CY/Hr		1,444		1,444		2,122	2,593				1,393
% of Gross		0		0		47%	60%				50%
Start Station		103+75									
End Station		103+75									
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	2+82	0	0'	#VALUE!	0'	#VALUE!

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 186 Page: 2 of 2 Date: 30-Nov-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM						349						
Rack						32						
Horsepower						5687						
Exhaust Temp.						941						
Dredge Fuel						8808						
Pump RPM						305						
In Pressure						42						
Out Pressure					42	164						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4 X 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600		Lift		7.0		Type	Super Sand Cutter
Submerged Line		18,760		Velocity		11.4		No. of Blades	6
Shore Line		7,375						Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length		27,735							

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work			157.00	01:45	02:10	Fixed water leak on ladder	0:25
Rubber Line			10.50	03:00	03:45	ER- Underwater pump tripped	0:45
Sub Line Dredge			11.33	04:35	04:40	ER- Tighten STBD swing brake	0:05
Clean Pipeline	1	2.25	21.42	05:00	07:15	Cleanpipline- Prep to move dredge to harbor, due to weather	2:15
Clean Pump			1.75	07:15	08:35	Moved Dredge- from Cut7Asand SS 5+32 to Harbor for safety	1:20
Clean Cutter/Suction			4.25	08:35	11:25	On tow to Safe Harbor- Dellta Ranger on tow line, Jeanne James Assist.	2:50
Anchors	1	0.08	71.42	11:25	24:00	Spud down in safe harbor	12:35
Traffic			6.67				
Move Dredge			142.67				
Re-pin Spuds					00:05	Moved Anchors 1X	0:05
Change Cutter			2.08				
Change Pump							
Misc.	1	0.42	45.50				
Operational Total	3	2.75	474.58				
Weather Standby	1	12.58	398.50				
Weather Repairs			12.25				
Weather Moving	2	4.17	29.00				
Weather Total	3	16.75	439.75				
Pump RPR			116.58				
Cutter RPR			37.00				
Spud RPR			2.92				
Electrical			5.17				
Eng Rm In	1	0.75	40.08				
Eng Rm Out	1	0.08	13.67				
Mechanical Total	2	0.83	215.42	**REMARKS:**		TOTAL	20:20
Bstr (1) Deck				Continued digging for sand- Cut7A STA's 3+50 to 2+82 (Beach Column)=68' advance			
Bstr (1) Eng Rm				then moved in to harbor, in Grand Isle, due to high winds and seas			
Booster Total				**Maintained all dredge bouys in and around work area (9)**			
Total Lost Time	8	20.33	1129.75				

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/1/2006 **Report #** 405

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 38 Max. 55

WIND SPEED: 5.00 to 10.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	2 TO 3	Swell
Fill Area	2 TO 3	Feet
Wave Direction	E	

TIDE: 0.0 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE:

Beach	104+50/270	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 7.92 hrs on beach fill. (See DDR)
3 Dozers on beach grading and piping up when needed.
Survey crew took marsh surveys from 96+96 to 124+40. With assistance of airboat and observer.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions. After towed from safe harbor at 16:00.
Shore crew continues dressing as needed.
Material being pumped is not settling in designed fill area. And is actually causing some noticeable gouging.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 187 Page: 1 of 2 Date: 1-Dec-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1610.67	2406.00	500.58				4517.25
Operating Time		7.92		7.92	1196.42	1734.25	339.25				3269.92
% of Total Time		33%		33%	74%	72%	68%				72%
Lost Time		16.08		16.08	376.00	637.42	161.33				1174.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		8,837		8,837	3,277,988	3,671,818	879,681				7,829,487
Adjustments											
Avg. Gross Cys					48,844	36,627	42,175				
Gross CY/Hr		1,116		1,116	2,740	2,117	2,593				2,394
Gross Width		300									
% of Gross											
Avg. Gross Face		6.1									
Start Station		3+20									
End Station		1+90									
Advance		130		130	76,153	40,492	10,444				127,089
Avg. Advance					1,135	404	501				28
Adv. Ft/Hr		16.4		16.4	64	23	31				39
Coverage		39,000		39,000	13,429,582	7,089,300	1,961,615				22,480,497
Avg. Coverage					200,110	70,716	94,048				119,438
Coverage/Hr		4,926		4,926							
Req. Grade + O.D.		-32 + 5 OD									
Dredged Elev.		-31.9									
Set Size		10									
Material Type		Sand / Mud									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		0				1,743,625	525,440				2,269,065
Pay CY/Hr		0				1,005	1,549				694
Gross Cys		8,837		8,837		3,671,818	879,681				4,551,499
Gross CY/Hr		1,116		1,116		2,117	2,593				1,392
% of Gross		0				47%	60%				49%
Start Station		103+75									
End Station		104+50									
Advance		75		75		75					75
Adv. Ft/Hr		9		9		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
6:00	1+04	4.83	86	18	5,829	1,206

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 187 Page: 2 of 2 Date: 1-Dec-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						353						
Rack						32						
Horsepower						6320						
Exhaust Temp.						931						
Dredge Fuel						1804						
Pump RPM						320						
In Pressure						42						
Out Pressure					42	176						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4 x 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		18,760		Velocity		11.4	
Shore Line		7,075					
Rubber Line							
Total Line Length		27,435					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			157.00
Rubber Line	1	0.92	11.42
Sub Line Dredge			11.33
Clean Pipeline			21.42
Clean Pump			1.75
Clean Cutter/Suction			4.25
Anchors	1	0.08	71.50
Traffic			6.67
Move Dredge			142.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			45.50
Operational Total	2	1.00	475.58
Weather Standby	1	11.83	410.33
Weather Repairs			12.25
Weather Moving	1	3.25	32.25
Weather Total	2	15.08	454.83
Pump RPR			116.58
Cutter RPR			37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In			40.08
Eng Rm Out			13.67
Mechanical Total			215.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	4	16.08	1145.83

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	11:50	Dredge in Safe Harbor at Grand Isle due to weather conditions.	11:50
11:50	15:05	Dredge in tow back to job site.	3:15
15:05	16:00	Prep to dig - connecting rubber hose to dredge. Start digging SS 5+	0:55
	0:05	Move anhcors (1X)	0:05
		TOTAL	16:05

REMARKS:
The dredge returned to the job site around 3:05 PM and begain digging in Cut 7A at 4:00 PM.
Heavy mud still found at sand depths.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/2/2006 **Report #** 406

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 35 Max. 55

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	E	

TIDE: 0.0 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE:

Beach	104+50/270	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 21.75 hrs on beach fill. (See DDR)
3 Dozers on beach grading and piping up when needed.
Survey crew staked and regraded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
Material being pumped is not settling in designed fill area. And is actually causing more noticeable gouging.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 188 Page: 1 of 2 Date: 2-Dec-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1610.67	2430.00	500.58				4541.25
Operating Time		21.75		21.75	1196.42	1756.00	339.25				3291.67
% of Total Time		91%		91%	74%	72%	68%				72%
Lost Time		2.25		2.25	376.00	639.67	161.33				1177.00
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		36,461		36,461	3,277,988	3,708,279	879,681				7,865,948
Adjustments											
Avg. Gross Cys					48,844	36,625	42,175				
Gross CY/Hr		1,676		1,676	2,740	2,112	2,593				2,390
Gross Width		300									
% of Gross											
Avg. Gross Face		7.3									
Start Station	1+90	1+90									
End Station	-0+75	0+05									
Advance		450		450	76,153	40,942	10,444				127,539
Avg. Advance					1,135	404	501				28
Adv. Ft/Hr		20.7		20.7	64	23	31				39
Coverage		135,000		135,000	13,429,582	7,224,300	1,961,615				22,615,497
Avg. Coverage					200,110	71,351	94,048				119,520
Coverage/Hr		6,207		6,207							
Req. Grade + O.D.		-32 + 5 OD									
Dredged Elev.		-32.3									
Set Size		10									
Material Type		Sand / Mud									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		0				1,743,625	525,440				2,269,065
Pay CY/Hr		0				993	1,549				689
Gross Cys		8,837		8,837		3,680,655	879,681				4,560,336
Gross CY/Hr		406		406		2,096	2,593				1,385
% of Gross		0				47%	60%				49%
Start Station		104+50									
End Station		104+50									
Advance		0									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	-1+19	5.08	124	24	8,157	1,605

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 188 Page: 2 of 2 Date: 2-Dec-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268	Stripping	Beach U/W Pump	Beach Dredge Pump	Beach Booster 268	Beach	Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	Marsh
Engine RPM						354						
Rack						31						
Horsepower						6314						
Exhaust Temp.						920						
Dredge Fuel						8615						
Pump RPM						321						
In Pressure						39						
Out Pressure					39	167						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4 x 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		18,760		Velocity		11.4	
Shore Line		7,075					
Rubber Line							
Total Line Length		27,435					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	1	1.17	158.17
Rubber Line			11.42
Sub Line Dredge			11.33
Clean Pipeline			21.42
Clean Pump			1.75
Clean Cutter/Suction	1	0.17	4.42
Anchors	4	0.33	71.83
Traffic			6.67
Move Dredge	1	0.58	143.25
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			45.50
Operational Total	7	2.25	477.83
Weather Standby			410.33
Weather Repairs			12.25
Weather Moving			32.25
Weather Total			454.83
Pump RPR			116.58
Cutter RPR			37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In			40.08
Eng Rm Out			13.67
Mechanical Total			215.42
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	7	2.25	1148.08

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
12:15	13:25	Shore Line - add 3 pipe.	1:10
14:30	15:05	Move Dredge - stopped ss 1+75 Cut 7A, moved to ss 4+40 Cut 6A	0:35
15:05	15:15	Check cutter & ladder	0:10
	0:20	Move Anchors (4X)	0:20
		TOTAL	2:15

REMARKS:

Continued digging for sand in Cut7ASand STA's 1+90 to -0+75 (Stripping Column)=265'
then moved to Cut6ASand STA's 1+90 to 0+05 (Beach Column)=185' , Total = 450' sand advance
maintained all dredge bouys in and around work area.

Prepared By: **Nicholas Marshall** Approved By: ____________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/3/2006 **Report #** 407

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 40 Max. 55

WIND SPEED: 5.00 to 10.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	E	

TIDE: -.0.5 AM Morning tide
1.6 PM Evening tide

LOCATION OF DISCHARGE:

Beach	104+50/270	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 12.00 hrs on beach fill. (See DDR)
3 Dozers on beach grading and piping up when needed.
Survey crew staked and regraded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing as needed.
Ran into some suitable material and was able to fill the gouged area and rebuild breach in dike.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 189 Page: 1 of 2 Date: 3-Dec-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	6.75	17.25		24.00	1617.42	2447.25	500.58				4565.25
Operating Time	6.25	12.00		18.25	1202.67	1768.00	339.25				3309.92
% of Total Time	93%	70%		76%	74%	72%	68%				73%
Lost Time	0.50	5.25		5.75	376.50	644.92	161.33				1182.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	10,267	16,461		26,728	3,288,255	3,724,740	879,681				7,892,676
Adjustments											
Avg. Gross Cys					48,793	36,528	42,175				
Gross CY/Hr	1,643	1,372		1,465	2,734	2,107	2,593				2,385
Gross Width	150	300									
% of Gross											
Avg. Gross Face	5.5	5.9									
Start Station	15+80	0+05									
End Station	12+45	-2+45									
Advance	335	250		585	76,488	41,192	10,444				128,124
Avg. Advance					1,135	404	501				28
Adv. Ft/Hr	53.6	20.8		32.1	64	23	31				39
Coverage	50,250	75,000		125,250	13,479,832	7,299,300	1,961,615				22,740,747
Avg. Coverage					200,020	71,584	94,048				119,551
Coverage/Hr	8,040	6,250		6,863							
Req. Grade + O.D.	-26	-32									
Dredged Elev.	-23.5	-32.1									
Set Size	10	10									
Material Type	MUD	SAND/MUD									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		0				1,743,625	525,440				2,269,065
Pay CY/Hr		0				986	1,549				686
Gross Cys		16,461		16,461		3,697,116	879,681				4,576,797
Gross CY/Hr		1,372		902		2,091	2,593				1,383
% of Gross		0				47%	60%				49%
Start Station		104+50									
End Station		104+50									
Advance		0									
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:15	10+00	6.08	245	40	9,525	1,566

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration
Dredge: *TOM JAMES* Report Number: 189 Page: 2 of 2 Date: 3-Dec-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		231				231						
Rack		230				230						
Horsepower		3123				3123						
Exhaust Temp.		743				743						
Dredge Fuel		3888				3888						
Pump RPM		209				209						
In Pressure		42				42						
Out Pressure	42	176			42	176						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4 x 84				4 x 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line	1,600	1,600		Lift	1.0	7.0	
Submerged Line		18,760		Velocity	29.2	29.2	
Shore Line		7,075					
Rubber Line							
Total Line Length	1,600	27,435					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			158.17
Rubber Line			11.42
Sub Line Dredge			11.33
Clean Pipeline	1	1.00	22.42
Clean Pump	1	0.50	2.25
Clean Cutter/Suction			4.42
Anchors	4	0.33	72.17
Traffic			6.67
Move Dredge	1	1.42	144.67
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			45.50
Operational Total	7	3.25	481.08
Weather Standby			410.33
Weather Repairs			12.25
Weather Moving			32.25
Weather Total			454.83
Pump RPR	2	2.50	119.08
Cutter RPR			37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In			40.08
Eng Rm Out			13.67
Mechanical Total	2	2.50	217.92
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	9	5.75	1153.83

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
01:40	02:35	Re-pack packing gland - main pump.	0:55
07:25	09:00	Re-pack main pump	1:35
14:50	15:50	Wash out line	1:00
15:50	17:15	Move Dredge : stopped at ss -0+35 Cut 6A sand, moved to ss 18+3	1:25
		Cut 9A stripping	
21:30	22:00	Clean under water pump	0:30
	0:20	Move anchors	0:20
	0		
		TOTAL	5:45

REMARKS:
Stopped pumping sand from Cut 6A at around 14:50 hrs. Moved dredge to Cut 9A and begain strip
mud.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/4/2006 **Report #** 408

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 29 Max. 55

WIND SPEED: 8.00 to 10.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	E	

TIDE: -0.7 AM Morning tide
1.7 PM Evening tide

LOCATION OF DISCHARGE:

Beach	104+50/270	feet east of pay profile line no.	CG 21	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 4.08 hrs on beach fill. (See DDR)
4 Dozers on beach grading and piping up when needed.
Survey crew staked and regraded as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing and piping up as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operating
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 190 Page: 1 of 2 Date: 4-Dec-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time	17.17	6.83		24.00	1634.58	2454.08	500.58				4589.25
Operating Time	14.58	4.08		18.67	1217.25	1772.08	339.25				3328.58
% of Total Time	85%	60%		78%	74%	72%	68%				73%
Lost Time	2.58	2.75		5.33	379.08	647.67	161.33				1188.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys	36,287	7,204		43,491	3,324,542	3,731,944	879,681				7,936,167
Adjustments											
Avg. Gross Cys					48,813	36,497	42,175				
Gross CY/Hr	2,488	1,764		2,330	2,731	2,106	2,593				2,384
Gross Width	193	142									
% of Gross											
Avg. Gross Face	8.3	7.0									
Start Station	12+45	6+30									
End Station	6+30	8+25									
Advance	615	195		810	77,103	41,387	10,444				128,934
Avg. Advance					1,132	405	501				28
Adv. Ft/Hr	42.2	47.8		43.4	63	23	31				39
Coverage	118,695	27,690		146,385	13,598,527	7,326,990	1,961,615				22,887,132
Avg. Coverage					199,662	71,655	94,048				119,691
Coverage/Hr	8,139	6,782		7,842							
Req. Grade + O.D.	-26	-32									
Dredged Elev.	-26.3	-32.2									
Set Size	10	10									
Material Type	Mud	Sand									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		2401		2,401		1,746,026	525,440				2,271,466
Pay CY/Hr		386		129		985	1,549				682
Gross Cys		7,204		7,204		3,704,320	879,681				4,584,001
Gross CY/Hr		1,766		386		2,090	2,593				1,377
% of Gross		33%		33%		47%	60%				49%
Start Station		104+50									
End Station		104+50									
Advance		0									
Adv. Ft/Hr		0									
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	9+45	4.08	120	29	8,400	2,057

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 190 Date: 4-Dec-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM		348				348						
Rack		37				37						
Horsepower		7570				7570						
Exhaust Temp.		918				918						
Dredge Fuel		5681				5681						
Pump RPM		322				322						
In Pressure		48				48						
Out Pressure	48	190			48	190						
Water Vacuum												
Max Working Vacuum												
Vane x Dia		4X84				4X84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line	1,600	1,600		Lift	1.0	7.0		Type	Super Sand Cutter
Submerged Line		18,760		Velocity	12.1	12.1		No. of Blades	6
Shore Line		7,075						Teeth	Inter changeable Chissel Teeth
Rubber Line								Avg. RPM	25
Total Line Length	1,600	27,435							

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work	1	1.50	159.67	08:10	08:25	ER- Tighten Packing	0:15
Rubber Line			11.42	09:30	10:10	ER- Add Packing & Checked cutter (ok)	0:40
Sub Line Dredge			11.33	15:50	17:10	Moved Dredge- around from Cut9A mud SS 8+80 to Cut9Asnd SS 3+95	1:20
Clean Pipeline			22.42	17:35	17:45	ER- lost power	0:10
Clean Pump			2.25	19:55	20:15	ER- Tighten Packing on main pump	0:20
Clean Cutter/Suction			4.42	20:30	21:05	ER- clean main pump	0:35
Anchors	6	0.50	72.67	22:30	24:00	Shore- push up dikes & add pipes (2)	1:30
Traffic			6.67				
Move Dredge	1	1.33	146.00				
Re-pin Spuds					00:30	Moved Anchors 6X	0:30
Change Cutter			2.08				
Change Pump							
Misc.			45.50				
Operational Total	8	3.33	484.42				
Weather Standby			410.33				
Weather Repairs			12.25				
Weather Moving			32.25				
Weather Total			454.83				
Pump RPR			119.08				
Cutter RPR			37.00				
Spud RPR			2.92				
Electrical			5.17				
Eng Rm In	5	2.00	42.08				
Eng Rm Out			13.67				
Mechanical Total	5	2.00	219.92	**REMARKS:**		TOTAL	5:20
Bstr (1) Deck				Continued stripping mud and pump OB- Cut9Amud STA's 12+45 to 6+30 (stripping Column)=615' a			
Bstr (1) Eng Rm				Then turned around for Sand pump on fill- Cut9Asnd STA's 6+30 to 8+25 (Beach Column)= 195' ad			
Booster Total				Maintained and checked all dredge bouys in and around barrow area, all in place (9)			
Total Lost Time	13	5.33	1159.17				

Prepared By: **Nicholas Marshall** Approved By: ____________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/5/2006 **Report #** 409

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 33 Max. 50

WIND SPEED: 8.00 to 10.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	E	

TIDE: -0.7 AM Morning tide
1.7 PM Evening tide

LOCATION OF DISCHARGE:

Beach	110+63/399	feet east of pay profile line no.	CG 22	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 18.33 hrs on beach fill. (See DDR)
3 Dozers on beach grading and piping up when needed.
Survey crew took check surveys between sta. 103+00 to 132+00.
And reset grade as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions.
Shore crew continues dressing and piping up as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 191 Page: 1 of 2 Date: 5-Dec-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1634.58	2478.08	500.58				4613.25
Operating Time		18.33		18.33	1217.25	1790.42	339.25				3346.92
% of Total Time		76%		76%	74%	72%	68%				73%
Lost Time		5.67		5.67	379.08	653.33	161.33				1193.75
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		29,894		29,894	3,324,542	3,761,838	879,681				7,966,061
Adjustments											
Avg. Gross Cys					48,813	36,433	42,175				
Gross CY/Hr		1,631		1,631	2,731	2,101	2,593				2,380
Gross Width		240									
% of Gross											
Avg. Gross Face		6.5									
Start Station		8+25									
End Station		13+45									
Advance		520		520	77,103	41,907	10,444				129,454
Avg. Advance					1,132	406	501				28
Adv. Ft/Hr		28.4		28.4	63	23	31				39
Coverage		124,800		124,800	13,598,527	7,451,790	1,961,615				23,011,932
Avg. Coverage					199,662	72,170	94,048				119,717
Coverage/Hr		6,807		6,807							
Req. Grade + O.D.		-32 + 5 OD									
Dredged Elev.		-32.8									
Set Size		10									
Material Type		SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		9,965		9,965	adjusted	1,733,485	525,440				2,258,925
Pay CY/Hr		544		544		968	1,549				675
Gross Cys		29,894		29,894		3,704,320	879,681				4,584,001
Gross CY/Hr		1,631		1,631		2,069	2,593				1,370
% of Gross		33%		33%		46%	60%				49%
Start Station		104+50									
End Station		110+63									
Advance		613		613		613					613
Adv. Ft/Hr		33		33		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	14+62	5.00	117	23	9,220	1,844

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 191 Date: 5-Dec-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						352						
Rack						37						
Horsepower						7550						
Exhaust Temp.						922						
Dredge Fuel						6880						
Pump RPM						317						
In Pressure						45						
Out Pressure					45	184						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4x84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift		7.0	
Submerged Line		18,760		Velocity		11.7	
Shore Line		7,688					
Rubber Line							
Total Line Length		28,048					

CUTTER

Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work	4	2.25	161.92
Rubber Line			11.42
Sub Line Dredge			11.33
Clean Pipeline			22.42
Clean Pump			2.25
Clean Cutter/Suction			4.42
Anchors	4	0.33	73.00
Traffic			6.67
Move Dredge			146.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			45.50
Operational Total	8	2.58	487.00
Weather Standby			410.33
Weather Repairs			12.25
Weather Moving			32.25
Weather Total			454.83
Pump RPR			119.08
Cutter RPR			37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In	1	0.17	42.25
Eng Rm Out	3	2.92	16.58
Mechanical Total	4	3.08	223.00
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	12	5.67	1164.83

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
01:40	02:45	Eng Rm: add packing to main pump	1:05
02:45	03:30	Eng Rm: Re-pack main pump	0:45
07:45	08:50	Eng Rm: packing main pump & check cutter - replaced "5" teeth	1:05
10:25	10:40	Spoil Area - fix leak in line	0:15
18:00	18:45	Fill: add shore pipe. 4 pipe on top & 4 pipe on bottom line	0:45
18:55	19:05	Eng Rm: engine shut down	0:10
20:20	21:00	Fill: add shore pipe. 3 pipe on top & 3 pipe on bottom line	0:40
22:30	23:05	Fill: add shore pipe. 3 pipe on the bottom line	0:35
	0:20	Move anchors (4X)	0:20
		TOTAL	5:40

REMARKS:

The dredge continued to pump sand in Cut 9A.

I have been over reporting the pay cyds. On the beach I adjusted it to the check survey data on 12-05-06. The reason for error is the unstable material is keeping us from getting an accurate survey on the beach and making it hard to estimate what is staying in the design template.

Prepared By: **Jason Settle** Approved By:

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/6/2006 **Report #** 410

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 38 Max. 57

WIND SPEED: 3.00 to 5.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	E	

TIDE: -0.7 AM Morning tide
1.6 PM Evening tide

LOCATION OF DISCHARGE:

Beach	111+22/458	feet east of pay profile line no.	CG 22	south active.
Marsh	133+60/276	feet east of pay profile line no.	CG 27	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James worked 10.67 hrs on beach fill. (See DDR)
3 Dozers on beach grading and piping up when needed.
Survey crew took check surveys between sta. 103+00 to 115+00
And reset grade as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Tom James; Operating under normal conditions. Until 15:45 when it shut down due to mechanical failure.
Shore crew continues dressing and piping up as needed.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) Yes . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) Yes

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Dredge is down due to mechanical failure.
Technician is on his way.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: See swing files attached with daily report, for dredge cutterhead locations.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 192 Page: 1 of 2 Date: 6-Dec-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1634.58	2502.08	500.58				4637.25
Operating Time		10.67		10.67	1217.25	1801.08	339.25				3357.58
% of Total Time		44%		44%	74%	72%	68%				72%
Lost Time		13.33		13.33	379.08	666.67	161.33				1207.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys		19,965		19,965	3,324,542	3,781,803	879,681				7,986,026
Adjustments											
Avg. Gross Cys					48,813	36,275	42,175				
Gross CY/Hr		1,872		1,872	2,731	2,100	2,593				2,379
Gross Width		285									
% of Gross											
Avg. Gross Face		7.7									
Start Station		13+45									
End Station		15+90									
Advance		245		245	77,103	42,152	10,444				129,699
Avg. Advance					1,132	404	501				28
Adv. Ft/Hr		23.0		23.0	63	23	31				39
Coverage		69,825		69,825	13,598,527	7,521,615	1,961,615				23,081,757
Avg. Coverage					199,662	72,147	94,048				119,459
Coverage/Hr		6,546		6,546							
Req. Grade + O.D.		-32 + 5 OD									
Dredged Elev.		-33.4									
Set Size		10									
Material Type		SAND									

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys		6,655		6,655		1,740,140	525,440				2,265,580
Pay CY/Hr		624		624		966	1,549				675
Gross Cys		19,965		19,965		3,704,320	879,681				4,584,001
Gross CY/Hr		1,872		1,872		2,057	2,593				1,365
% of Gross		33%		33%		47%	60%				49%
Start Station		110+63									
End Station		111+22									
Advance		59		59		59					59
Adv. Ft/Hr		6		6		0					0
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME	STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
06:00	0+20	0	0	0	0	0

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 192 Page: 2 of 2 Date: 6-Dec-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping U/W Pump	Stripping Dredge Pump	Stripping Booster 268		Beach U/W Pump	Beach Dredge Pump	Beach Booster 268		Marsh U/W Pump	Marsh Dredge Pump	Marsh Booster 268	
Engine RPM						354						
Rack						31						
Horsepower						6314						
Exhaust Temp.						920						
Dredge Fuel						8615						
Pump RPM						321						
In Pressure						39						
Out Pressure					39	167						
Water Vacuum												
Max Working Vacuum												
Vane x Dia						4 x 84						
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh	CUTTER	
Rubber Line		1,600		Lift		7.0		No. of Blades	6
Submerged Line		18,760		Velocity		11.2		Teeth	Inter changeable Chissel Teeth
Shore Line		7,499						Avg. RPM	25
Rubber Line									
Total Line Length		27,859							

Cutter Type: Super Sand Cutter

LOST TIME BREAKDOWN / LEVERMAN'S LOG

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE	Stop Time	Start Time	Delays	Lost Time
Shore Line/ Work	1	0.83	162.75	00:45	01:35	Fill : add shore pipe - 1 pipe on top line, 1 pipe on bottom line	0:50
Rubber Line			11.42	11:45	15:45	Start washing out line - Down for Eng Rm	4:00
Sub Line Dredge			11.33	15:45	24:00	Eng Rm - Main Engine (Bearing)	8:15
Clean Pipeline	1	4.00	26.42				
Clean Pump			2.25		0:15	move anchors (3X)	0:15
Clean Cutter/Suction			4.42				
Anchors	3	0.25	73.25				
Traffic			6.67				
Move Dredge			146.00				
Re-pin Spuds							
Change Cutter			2.08				
Change Pump							
Misc.			45.50				
Operational Total	5	5.08	492.08				
Weather Standby			410.33				
Weather Repairs			12.25				
Weather Moving			32.25			15:45 - Move dredge - stopped at ss 13+40 (Cut 9A sand) and move	
Weather Total			454.83			dredge to ss -2+30 (Cut 8A sand) - continued down for Eng Rm.	
Pump RPR			119.08				
Cutter RPR			37.00				
Spud RPR			2.92				
Electrical			5.17				
Eng Rm In	1	8.25	50.50				
Eng Rm Out			16.58				
Mechanical Total	1	8.25	231.25			TOTAL	13:20
Bstr (1) Deck							
Bstr (1) Eng Rm							
Booster Total							
Total Lost Time	6	13.33	1178.17				

REMARKS:

The dredge pumped sand to the beach until 11:45 hrs. The dredge had to shut down due to proble
in the main engine. The dredge is still being repaired.

Prepared By: **Jason Settle** Approved By: ______________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/7/2006 **Report #** 411

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 38 Max. 50

WIND SPEED: 3.00 to 5.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	E	

TIDE: -0.8 AM Morning tide
1.7 PM Evening tide

LOCATION OF DISCHARGE:

Beach	111+22/458	feet east of pay profile line no.	CG 22	not active
Marsh	133+60/276	feet east of pay profile line no.	CG 27	not active

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Tom James was down due to mechanical failure. (See DDR)
3 Dozers on beach worked on grading and dressing.
Survey crew took check surveys between sta. 116+32 to 142+00.
And reset grade as needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The dredge is down due to mechanical failure.
Shore crew continues dressing the beach.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - down due to mechanical failure.
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operable/idle
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Tom James; Operating under normal conditions.(See DDR)
The dredge is down due to mechanical failure.

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:
(See daily DDR report)

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Dredge is down due to mechanical failure.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: There is no swing file for todays date.

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

Weeks Marine, Inc.

304 GAILLE DRIVE COVINGTON, LA 70433

DAILY DREDGE REPORT

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 193 Page: 1 of 2 Date: 7-Dec-06

CUT INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Total Time		24.00		24.00	1634.58	2526.08	500.58				4661.25
Operating Time					1217.25	1801.08	339.25				3357.58
% of Total Time					74%	71%	68%				72%
Lost Time		24.00		24.00	379.08	690.67	161.33				1231.08
Standby Time					38.25	34.33					72.58
Pay Cys											
Adjustments											
Avg. Pay Cys											
Pay CY/Hr											
Pay Width											
Avg. Pay Face											
Gross Cys					3,324,542	3,781,803	879,681				7,986,026
Adjustments											
Avg. Gross Cys					48,813	35,930	42,175				
Gross CY/Hr					2,731	2,100	2,593				2,379
Gross Width											
% of Gross											
Avg. Gross Face											
Start Station											
End Station											
Advance					77,103	42,152	10,444				129,699
Avg. Advance					1,132	400	501				28
Adv. Ft/Hr					63	23	31				39
Coverage					13,598,527	7,521,615	1,961,615				23,081,757
Avg. Coverage					199,662	71,462	94,048				118,844
Coverage/Hr											
Req. Grade + O.D.											
Dredged Elev.											
Set Size											
Material Type											

FILL INFORMATION

ITEM	TODAY				TO DATE						
	Stripping	Beach	Marsh	Total	Stripping	Beach	Marsh	AREA 4	AREA 5	AREA 6	TOTAL
Pay Cys						1,740,140	525,440				2,265,580
Pay CY/Hr						966	1,549				675
Gross Cys						3,704,320	879,681				4,584,001
Gross CY/Hr						2,057	2,593				1,365
% of Gross						47%	60%				49%
Start Station											
End Station											
Advance											
Adv. Ft/Hr											
Req. Grade											
Filled Elev.											

LEVERMAN REPORT

Leverman:	OT	ADV	Ft/Hr	Cys	CY/Hr

SINCE MIDNIGHT

TIME STATION	OT	ADV	Ft/Hr	Cys	CY/Hr
Shut down					

EQUIPMENT

Rental Equipment	Delta Fox, Delta Ranger
Tugs	J. James
Crew Boat	Cheyenne
Survey Boat	Steve L
Cranes	565, 585,589
Tractors	D6LGP, Marsh Buggy
Total Personnel	50

Contract Number: WC133F-05-RB-1021 Location: Chaland Headland Restoration

Dredge: *TOM JAMES* Report Number: 193 Date: 7-Dec-06

ENGINE ROOM & PUMP INFORMATION

ITEM	Stripping				Beach				Marsh			
	U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268		U/W Pump	Dredge Pump	Booster 268	
Engine RPM												
Rack												
Horsepower												
Exhaust Temp.												
Dredge Fuel												
						N/A						
Pump RPM												
In Pressure												
Out Pressure												
Water Vacuum												
Max Working Vacuum												
Vane x Dia												
Line To												
Line From												

ITEM	Stripping	Beach	Marsh	ITEM	Stripping	Beach	Marsh
Rubber Line		1,600		Lift			
Submerged Line		18,760		Velocity			
Shore Line		7,499					
Rubber Line							
Total Line Length		27,859					

CUTTER	
Type	Super Sand Cutter
No. of Blades	6
Teeth	Inter changeable Chissel Teeth
Avg. RPM	25

LOST TIME BREAKDOWN

DELAY	# STOPS TODAY	HOURS TODAY	HOURS TO DATE
Shore Line/ Work			162.75
Rubber Line			11.42
Sub Line Dredge			11.33
Clean Pipeline			26.42
Clean Pump			2.25
Clean Cutter/Suction			4.42
Anchors			73.25
Traffic			6.67
Move Dredge			146.00
Re-pin Spuds			
Change Cutter			2.08
Change Pump			
Misc.			45.50
Operational Total			492.08
Weather Standby			410.33
Weather Repairs			12.25
Weather Moving			32.25
Weather Total			454.83
Pump RPR			119.08
Cutter RPR			37.00
Spud RPR			2.92
Electrical			5.17
Eng Rm In	1	24.00	74.50
Eng Rm Out			16.58
Mechanical Total	1	24.00	255.25
Bstr (1) Deck			
Bstr (1) Eng Rm			
Booster Total			
Total Lost Time	1	24.00	1202.17

LEVERMAN'S LOG

Stop Time	Start Time	Delays	Lost Time
00:00	24:00	Dredge shut down all day due to problems with the main engine	24:00
		TOTAL	24:00

REMARKS:

Port engineer (Del D.) is here today and stayed through the night, trying to determine the problems with the main engine.

Prepared By: **Wm. Keith Stokes** Approved By: ____________________

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/8/2006 **Report #** 412

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Mostly Cloudy **TEMPERATURE:** Min. 33 Max. 53

WIND SPEED: 3.00 to 5.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	E	

TIDE: -0.8 AM Morning tide
1.4 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Dredge demobilized.
4 Dozers on beach worked on grading and dressing. They also broke down beach pipe from 111+63 to 96+96. Stock pilling pipe on beach west of 96+96.
Marsh pipe was also broke down and stockpiled.
1 marsh buggy worked on digging out the subline.
Survey crew graded and restaked where needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.
Dredge was demobilzed and secured in safe harbor.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tom James Cutterhead Dredge - Demobilized
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)
Demobilzed

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)
The Tom James dredge crew preformed daily inspection of dredge with no deficiencies.
The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)
Dredge is down due to mechanical failure.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman
CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/9/2006 **Report #** 413

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 38 Max. 55

WIND SPEED: 3.00 to 5.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	W	

TIDE: -.7 AM Morning tide
1.5 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 96+96/0 feet east of pay profile line no. CG 20

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Steve L is surveying the borrow area.
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 142+00 and 96+96.
1 marsh buggy worked on digging out the subline.
Survey crew graded and restaked where needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Steve L. Survey Boat- operating
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? Yes

Did borrow area buoys require resetting (Yes/No)? No

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 115+00 and 142+00 is taking longer to grade because of the nature of the material.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: Steve L. inspected the barrow area bouys.

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/10/2006 **Report #** 414

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Cloudy **TEMPERATURE:** Min. 48 Max. 55

WIND SPEED: 3.00 to 5.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	1 TO 3	Swell
Fill Area	1 TO 3	Feet
Wave Direction	W	

TIDE: 1.2 AM Morning tide
-.02 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 110+00/336 feet east of pay profile line no. CG 22

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
The Steve L finished surveying the barrow area.
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 142+00 and 96+96.
1 marsh buggy worked digging out the subline, and removed shore connection from subline.
Survey crew graded and restaked where needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Steve L. Survey Boat- operating
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A. Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 115+00 and 142+00 is taking longer to grade because of the nature of the material.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/11/2006 **Report #** 415

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 46 Max. 65

WIND SPEED: 5.00 to 10.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	2 TO 4	Swell
Fill Area	2 TO 4	Feet
Wave Direction	W	

TIDE: 1.2 AM Morning tide
-.02 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 115+00/352 feet east of pay profile line no. CG 23

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 142+00 and 115+00.
Survey crew graded and restaked where needed.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Steve L. Survey Boat- operating

Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A. Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 115+00 and 142+00 is taking longer to grade because of the nature of the material.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/12/2006 **Report #** 416

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 46 Max. 65

WIND SPEED: 5.00 to 10.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	2 TO 4	Swell
Fill Area	2 TO 4	Feet
Wave Direction	W	

TIDE: .3 AM Morning tide
.6 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 115+00/352 feet east of pay profile line no. CG 23

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 142+00 and 115+00.
They are also redressing areas where the pipe was.
The tug Agusta brought the crane on site.
1 marsh buggy worked on removing marsh drain at sta. 43+72.
Survey took beach surveys on land between sta. 98+00 to 111+48.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.
Survey took surveys between sta. 98+00 and 111+48

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- operable/idle
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A

and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 115+00 and 142+00 is taking longer to grade because of the nature of the material.
Crane is in place to start removing shore pipe from landing.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/13/2006 **Report #** 417

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy, and Fog **TEMPERATURE:** Min. 45 Max. 60

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 4	Swell
Fill Area	1 TO 4	Feet
Wave Direction	S	

TIDE: 0.2 AM Morning tide
0.8 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 115+00/352 feet east of pay profile line no. CG 23

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 115+00 to 142+00.
They are also redressing areas where the pipe was.
The tug Agusta moved the pipe barge for loading operations.
The crane began loading pipe onto the barge.
1 marsh buggy worked on removing marsh drain at sta. 43+72.
Survey took beach surveys in water between sta. 98+00 to 111+48.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.
Survey took surveys between sta. 98+00 and 111+48

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- operable/idle

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A

and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 115+00 and 142+00 is taking longer to grade because of the nature of the material.
Crane is in place to start removing shore pipe from landing.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/14/2006 **Report #** 418

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy, and Fog **TEMPERATURE:** Min. 44 Max. 61

WIND SPEED: 0.00 to 5.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	S	

TIDE: 0. AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 115+00/352 feet east of pay profile line no. CG 23

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 115+00 to 142+00.
They are also redressing areas where the pipe was.
Tug Augusta took water barge to Houma, LA, and pick up another to take back to Chaland.
The crane continued loading pipe onto the barge.
Survey pulled stakes, and located flags for new sand fence location.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.
Survey pulled stakes, and located flags for new sand fence location.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- operable/idle

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A. Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A

and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 115+00 and 142+00 is taking longer to grade because of the nature of the material.
Crane is in place and removing shore pipe from landing.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/15/2006 **Report #** 419

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy, and Fog **TEMPERATURE:** Min. 44 Max. 61

WIND SPEED: 0.00 to 5.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	S	

TIDE: 0.0 AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 115+00/352 feet east of pay profile line no. CG 23

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 115+00 to 142+00.
Tug Augusta brought a empty barge from Houma, LA.
The crane continued loading pipe onto the barge.
Survey took ads from 103+00 to 121+16.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.
Survey pulled stakes, and located flags for new sand fence location.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- operating

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A. Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A

and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 121+16 and 142+00 is taking longer to grade because of the nature of the material.
Crane is in place and removing shore pipe from landing.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/16/2006 **Report #** 420

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 48 Max. 65

WIND SPEED: 0.00 to 5.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	S	

TIDE: -0.2 AM Morning tide
1.1 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 121+16/0 feet east of pay profile line no. CG 25

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 121+16 to 142+00.
1 Marshbuggy removed both control weirs and pipes. All work related to the field adj., in the three locations, has been completed.
Tug Augusta left to get another barge.
The crane continued loading the barge.
Survey took ads from 112+00 to 121+16.

B. Subcontractor: Erosion Control Services
Fencing crew planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.
Survey took ads from 112+00 to 121+16.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A. Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A

and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 121+16 and 142+00 is taking longer to grade because of the nature of the material.
Crane is in place and removing shore pipe from landing.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/17/2006 **Report #** 421

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 47 Max. 66

WIND SPEED: 0.00 to 5.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	S	

TIDE: -0.3 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 121+16/0 feet east of pay profile line no. CG 25

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 121+16 to 142+00.
All the plastic pipe has been put overboard and prep for removal.
1 Marshbuggy dug around station 30+00 to aid in the removal of pipe.
Tug Augusta left with a barge with pipe and a fuel tank.
The crane continued loading a barge.
Survey staked out sandfence, and pull grade stakes in marsh.

B. Subcontractor: Erosion Control Services
Fencing crew planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.
Survey staked out sandfence, and pull grade stakes in marsh.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operating
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A

and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 121+16 and 142+00 is taking longer to grade because of the nature of the material.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/18/2006 **Report #** 422

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 48 Max. 67

WIND SPEED: 0.00 to 5.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	S	

TIDE: -0.5 AM Morning tide
1.4 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 121+16 to 142+00.
Tug Augusta left with a barge with pipe
The crane continued loading a barge.
Survey took ad's from 122+00 to 145+35

B. Subcontractor: Erosion Control Services
Fencing crew is building fence and planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.
Survey took ad's from 122+00 to 145+35

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A

and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 121+16 and 142+00 is taking longer to grade because of the nature of the material.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/19/2006 **Report #** 423

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 49 Max. 68

WIND SPEED: 0.00 to 5.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	1 TO 2	Swell
Fill Area	1 TO 2	Feet
Wave Direction	S	

TIDE: -0.6 AM Morning tide
1.5 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
4 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 121+16 to 142+00.
Tug Augusta left with a barge with pipe
The crane continued loading a barge.
Survey took ad's from 122+00 to 125+00

B. Subcontractor: Erosion Control Services
Fencing crew is building fence and planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job. Moving pipe and final grading.
Survey took ad's from 122+00 to 125+00

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - operating
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - operable/idle
966F loader # 8409 - operating
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A

and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 121+16 and 142+00 is taking longer to grade because of the nature of the material.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/20/2006 **Report #** 424

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy **TEMPERATURE:** Min. 45 Max. 65

WIND SPEED: 10.00 to 15.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	2 TO 3	Swell
Fill Area	2 TO 3	Feet
Wave Direction	E	

TIDE: -0.7 AM Morning tide
1.5 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
3 Dozers on beach worked on grading and dressing.
Still working on dressing between sta. 121+16 to 142+00.
Tug Augusta left with a barge, that had 1 D6, 1 D4, 966 loader, 1 marshbuggy, and the plastic pipe.
The crane continued loading a barge.
Survey took ad's in marsh from 126+00 to 140+51.

B. Subcontractor: Erosion Control Services
Fencing crew is building fence and planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job and final grading.
Survey took ad's in marsh from 126+00 to 140+51.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operating
Tug Boat - Miss Helen - operable/idle
Weeks 878 Marsh Buggy - **Left job site**
Weeks 879 Marsh Buggy - operable/idle
D4- # 8824 - **Left job site**
D6- # 8849 - operating
D6- # 8835 - operating
D6- # 8827 - operating
D6- # 8851 - **Left job site**
966F loader # 8409 - **Left job site**
ATV - operating
Tug Boat - Miss Helen - operable/idle
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- operating

Subcontractor: Erosion Control Services
Toro post auger-operating
(2) Polaris Ranger 6X6 ATV-operating
Honda 300 4X4 ATV-operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A

and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

The fill between 121+16 and 142+00 is taking longer to grade because of the nature of the material.

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/21/2006 **Report #** 425

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy **TEMPERATURE:** Min. 40 Max. 63

WIND SPEED: 5.00 to 10.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	2 TO 3	Swell
Fill Area	2 TO 3	Feet
Wave Direction	E	

TIDE: -0.7 AM Morning tide
1.6 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Tug Augusta left with quartersboat, miss helen, two skiffs, the atv, and the crane.
Survey pulled stakes.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Shore crew works on demobilizing job.
Survey pulled stakes.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff -operable/idle
Tug Boat - Miss Helen - left job site
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
ATV - left job site
Tug Boat - Miss Helen - left job site
Crew Boat - Bayou Princess - operating
Tug Augusta-operating
Crane 585- left job site

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/22/2006 **Report #** 426

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 40 Max. 58

WIND SPEED: 5.00 to 10.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	2 TO 3	Swell
Fill Area	2 TO 3	Feet
Wave Direction	S	

TIDE: -0.7 AM Morning tide
1.5 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Tug Augusta arrived in Grand Isle with quartersboat, miss helen, two skiffs, the atv, and the crane.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
The quartersboat is now in Grand Isle.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff -operable/idle
Tug Boat - Miss Helen - Grand Isle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Bayou Princess - operating
Crane 585- Grand Isle

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/23/2006 **Report #** 427

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 40 Max. 57

WIND SPEED: 15.00 to 20.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	2 TO 3	Swell
Fill Area	2 TO 3	Feet
Wave Direction	S	

TIDE: -0.7 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey pulled stakes.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Survey pulled stakes.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff -operating
Tug Boat - Miss Helen - Grand Isle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Bayou Princess - operating
Crane 585- Grand Isle

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/24/2006 **Report #** 428

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy, and rain **TEMPERATURE:** Min. 40 Max. 56

WIND SPEED: 20.00 to 30.00 MPH **Direction** W

WAVE HEIGHT AT:

Borrow Site	3 TO 4	Swell
Fill Area	3 TO 4	Feet
Wave Direction	S	

TIDE: -0.5 AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey pulled stakes.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Survey pulled stakes.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff -operating
Tug Boat - Miss Helen - Grand Isle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Bayou Princess - operating
Crane 585- Grand Isle

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/25/2006 **Report #** 429

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy, and rain **TEMPERATURE:** Min. 40 Max. 52

WIND SPEED: 20.00 to 30.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	3 TO 5	Swell
Fill Area	3 TO 5	Feet
Wave Direction	S	

TIDE: 1.2 AM Morning tide
-.03 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff -operable/idle
Tug Boat - Miss Helen - Grand Isle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Bayou Princess -operable/idle
Crane 585- Grand Isle

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/26/2006 **Report #** 430

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Cloudy, and rain **TEMPERATURE:** Min. 40 Max. 53

WIND SPEED: 15.00 to 25.00 MPH **Direction** NW

WAVE HEIGHT AT:

Borrow Site	3 TO 5	Swell
Fill Area	3 TO 5	Feet
Wave Direction	S	

TIDE: 0.8 AM Morning tide
0.0 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey pulled stakes.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Survey pulled stakes.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff -operating
Tug Boat - Miss Helen - Grand Isle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Bayou Princess -operating
Crane 585- Grand Isle

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/27/2006 **Report #** 431

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Sunny **TEMPERATURE:** Min. 40 Max. 53

WIND SPEED: 10.00 to 15.00 MPH **Direction** E

WAVE HEIGHT AT:

Borrow Site	0 TO 1	Swell
Fill Area	0 TO 1	Feet
Wave Direction	S	

TIDE: 0.2 AM Morning tide
0.8 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey took ad's from 125+00 to 145+77.

B. Subcontractor: Erosion Control Services
Fencing crew on standby until more fence ready for construction.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Survey took ad's from 125+00 to 145+77.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff -operating
Tug Boat - Miss Helen - Grand Isle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - chyenne -operating
Crane 585- Grand Isle

Subcontractor: Erosion Control Services
Toro post auger-operable/idle
(2) Polaris Ranger 6X6 ATV-operable/idle
Honda 300 4X4 ATV-operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Kenneth Mahler

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/28/2006 **Report #** 432

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 43 Max. 53

WIND SPEED: 10.00 to 15.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	3 to 4	Swell
Fill Area	3 to 4	Feet
Wave Direction	NW	

TIDE: .5 AM Morning tide
.9 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Finished the last of the beach surveys between 125+00 to 145+77.
Also staked out the remaining sand fence.

B. Subcontractor: Erosion Control Services
Fencing crew on site and continuing construction on sand fence eastward of 96+96.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Survey took ad's from 125+00 to 145+77.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff -operating
Tug Boat - Miss Helen - Grand Isle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - chyenne -operating
Crane 585- Grand Isle

Subcontractor: Erosion Control Services
Toro post auger- operating
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/29/2006 **Report #** 433

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: Partly Sunny **TEMPERATURE:** Min. 54 Max. 67

WIND SPEED: 3.00 to 7.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	2 to 3	Swell
Fill Area	1 to 2	Feet
Wave Direction	NW	

TIDE: .5 AM Morning tide
.9 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

Completed sand fence on Chaland beach

B. Subcontractor: Erosion Control Services
Fencing crew completed fence

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Fence crew completed sand fence.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff -operating
Tug Boat - Miss Helen - Grand Isle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - chyenne -operating
Crane 585- Grand Isle

Subcontractor: Erosion Control Services
Toro post auger- operating
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/30/2006 **Report #** 434

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER Over Cast, low clouds Heavy rain **TEMPERATURE:** Min. 52 Max. 69

WIND SPEED: 8.00 to 10.00 MPH **Direction** S

WAVE HEIGHT AT:

Borrow Site	4 to 7	Swell
Fill Area	3 to 4	Feet
Wave Direction	N	

TIDE: .8 AM Morning tide
1.0 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Crews on standby due to rough seas

B. Subcontractor: Erosion Control Services
Fencing crew is on standby to plant more grass & vegetation

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Waiting for calm seas to remove sub line and buoys from borrow area.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - chyenne -operating
Crane 585- Grand Isle - operable/idle
Tug- Delta Fox- Grand Isle - operable/idle
Tug- Shia James - Grand Isle - operable/idle
Survey Boat Steve L.- Grand Isle - operable/idle
Tug- Jeanna James - Grand Isle - operable/idle

Subcontractor: Erosion Control Services
(1) Polaris Ranger operable/idle
Honda 300 4X4 operable/idle
(1) Toro post hole augger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 12/31/2006 **Report #** 435

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER Mostly cloudy, warm. **TEMPERATURE:** Min. 54 Max. 69

WIND SPEED: 3.00 to 5.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 to 3	Swell
Fill Area	1 to 3	Feet
Wave Direction	N	

TIDE: .5 AM Morning tide
.7 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Crews preparing to float sub line tomorrow.
Survey crew surveyed beach fence as built. Also policed beach for more debris.
Beach crew dug out sub line to make ready for transport.
Tom James departed Grand Isle bound for Houma yard.
B. Subcontractor: Erosion Control Services
Fencing crew is on standby to plant more grass & vegetation

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Waiting for calmer seas to remove sub line and buoys from borrow area.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Skagit barge 138 - operable/idle
Weeks Survey Skiff - operating
Weeks 879 Marsh Buggy - operating
D6- # 8849 - operating
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Chyenne - operating
Crane 585 - Grand Isle - operable/idle
Tug - Delta Fox - Grand Isle - operable/idle
Tug - Shia James - Grand Isle - operable/idle
Survey Boat Steve L.- Grand Isle - operating
Tug - Jeanna James - Grand Isle - operable/idle
Crew Boat - Apachie - Grand Isle - operating
Tug - Helen - Grand Isle - operable/idle
Air compressor barge - operable/idle
Air compressor barge 236 - operable/idle
Skagit barge 585 - operable/idle

Subcontractor: Erosion Control Services
(1) Polaris Ranger 6X6 ATV- operable/idle
Honda 300 4X4 ATV- operable/idle
(1) Toro post hole augger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/1/2007 **Report #** 436

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER partly cloudy & warm **TEMPERATURE:** Min. 55 Max. 70

WIND SPEED: 1.00 to 2.00 MPH **Direction** SW

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	N	

TIDE: .5 AM Morning tide
.8 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey crew picked garbage on beach.
Beach crew assisted in the removal of the sub line from beach.
The sub line is completely removed from beach. A couple sections still remain in construction area and will be removed shortly.
Along with borrow area buoys.

B. Subcontractor: Erosion Control Services
Fencing crew is on standby to plant more grass & vegetation

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Section of sub line was succesfully pulled from beach and floating in construction area.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Skagit barge 138 - operating
Weeks Survey Skiff - operating
Weeks 879 Marsh Buggy - operating
D6- # 8849 - operating
D6- # 8835 - operable/idle
D6- # 8827 - operating
Crew Boat - Chyenne - operating
Crane 585 - Grand Isle - operable/idle
Tug - Delta Fox - Grand Isle - operating
Tug - Shia James - Grand Isle - operating
Survey Boat Steve L.- Grand Isle - operating
Tug - Jeanna James - Grand Isle - operating
Crew Boat - Apachie - Grand Isle - operating
Tug - Helen - Grand Isle - operating
Air compressor barge - operating
Air compressor barge 236 - operating
Skagit barge 585 - operating

Subcontractor: Erosion Control Services
(1) Polaris Ranger 6X6 ATV- operable/idle
Honda 300 4X4 ATV- operable/idle
(1) Toro post hole auger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: Borrow area buoys

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/2/2007 **Report #** 437

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER Partly Sunny **TEMPERATURE:** Min. 55 Max. 65

WIND SPEED: 3.00 to 5.00 MPH **Direction** NE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	N	

TIDE: -.8 AM Morning tide
.7 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey crew picked garbage on beach.
Beach crew worked on dressing beach where pipe was removed.
Offshore crew removed the remaining sub line from construction area. The floating pipe and borrow area bouys are still in the borrow area.

B. Subcontractor: Erosion Control Services
Soil erosion crew is planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Beach crew worked on dressing beach where pipe was removed.
Offshore crew removed remaining sub line.
Survey crew continued picking up debrise.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Skagit barge 138 - operating
Weeks Survey Skiff - operating
Weeks 879 Marsh Buggy - operating
D6- # 8849 - operating
D6- # 8835 - operable/idle
D6- # 8827 - operating
Crew Boat - Chyenne - operating
Crane 585 - Grand Isle - operable/idle
Tug - Delta Fox - Grand Isle - operating
Tug - Shia James - Grand Isle - operating
Survey Boat Steve L.- Grand Isle - operating
Tug - Jeanna James - Grand Isle - operating
Crew Boat - Apachie - Grand Isle - operating
Tug - Helen - Grand Isle - operating
Air compressor barge - operating
Air compressor barge 236 - operating
Skagit barge 585 - operating

Subcontractor: Erosion Control Services
(1) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
(1) Toro post hole auger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: Borrow area buoys

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/3/2007 **Report #** 438

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER Partly Cloudy **TEMPERATURE:** Min. 57 Max. 66

WIND SPEED: 3.00 to 5.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	N	

TIDE: -0.8 AM Morning tide
1.5 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey crew picked debrise on beach.
Beach crew worked on dressing beach where pipe was removed.
Beach crew finished dressing beach where pipe was removed.

B. Subcontractor: Erosion Control Services
Soil erosion crew continues planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Beach crew finished dressing beach where pipe was removed.
Offshore crew floated sub line from Grand Isle to Fourchon.
Survey crew continued picking up debrise.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Skagit barge 138 - operating
Weeks Survey Skiff - operating
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operating
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Chyenne - operating
Tug - Delta Fox - Grand Isle - operating
Tug - Shia James - Grand Isle - operating
Survey Boat Steve L.- Grand Isle - operating
Tug - Jeanna James - Grand Isle - operating
Crew Boat - Apache - Grand Isle - operating
Tug - Helen - Grand Isle - operating
Air compressor barge - operating
Air compressor barge 236 - operating
Skagit barge 138 - operating
Skagit barge 585 - operating
Water barge along side BT-105
Tug - Delta Ranger - Grand Isle - operating

Subcontractor: Erosion Control Services
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
(1) Toro post hole auger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when subline is removed.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: Borrow area buoys

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/4/2007 **Report #** 439

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER Partly Cloudy **TEMPERATURE:** Min. 53 Max. 68

WIND SPEED: 10.00 to 15.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	4 to 6	Swell
Fill Area	4 to 6	Feet
Wave Direction	SE	

TIDE: -.7 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey crew took survey of missing after dredge survey data.
Beach crew worked on dressing beach where eroded from rain.

B. Subcontractor: Erosion Control Services
Soil erosion crew continues planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Offshore crew on standby due to rough seas.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Skagit barge 138 - operable/idle
Weeks Survey Skiff - operating
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operating
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Chyenne - operating
Tug - Delta Fox - Grand Isle - operable/idle
Tug - Shia James - Grand Isle - operable/idle
Survey Boat Steve L.- Grand Isle - operating
Tug - Jeanna James - Grand Isle - operable/idle
Crew Boat - Apache - Grand Isle - operating
Tug - Helen - Grand Isle - operable/idle
Air compressor barge - operable/idle
Air compressor barge 236 - operable/idle
Skagit barge 138 - operable/idle
Skagit barge 585 - operable/idle
Water barge along side BT-105
Tug - Delta Ranger - Grand Isle - operable/idle

Subcontractor: Erosion Control Services
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
(1) Toro post hole auger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? No

Note: Borrow area bouys will be picked up when floating line is removed from borrow area.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/5/2007 **Report #** 440

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER Mostly Cloudy **TEMPERATURE:** Min. 52 Max. 65

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	3 to 4	Swell
Fill Area	3 to 4	Feet
Wave Direction	SE	

TIDE: .6 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Offshore crew picked up floating line from borrow area and picked up borrow area buoys.

B. Subcontractor: Erosion Control Services
Soil erosion crew continues planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Offshore crew successfully picked up floating line and buoys from borrow area.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Skagit barge 138 - operable/idle
Weeks Survey Skiff - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Chyenne - operating
Tug - Delta Fox - Grand Isle - operating
Tug - Shia James - Grand Isle - operating
Survey Boat Steve L.- Grand Isle - operating
Tug - Jeanna James - Grand Isle - operating
Crew Boat - Apache - Grand Isle - operating
Tug - Helen - Grand Isle - operating
Air compressor barge - operating
Air compressor barge 236 - operating
Skagit barge 1: operating
Skagit barge 585 - operating
Water barge along side BT-105
Tug - Delta Ranger - Grand Isle - operating

Subcontractor: Erosion Control Services
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
(1) Toro post hole auger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? N/A

Note: Borrow area bouys will be picked up when floating line is removed from borrow area.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/6/2007 **Report #** 441

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER Mostly Cloudy **TEMPERATURE:** Min. 55 Max. 65

WIND SPEED: 5.00 to 10.00 MPH **Direction** SE

WAVE HEIGHT AT:

Borrow Site	3 to 4	Swell
Fill Area	3 to 4	Feet
Wave Direction	SE	

TIDE: .3 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey crew pulled marsh stakes on the airboat from 96+96 to 140+51.

B. Subcontractor: Erosion Control Services
Soil erosion crew continues planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
All marsh grade stakes are successfully removed

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)
Skagit barge 138 - operable/idle
Weeks Survey Skiff - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Chyenne - operating
Water barge along side BT-105

Subcontractor: Erosion Control Services
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
(1) Toro post hole auger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? N/A

Note: Borrow area bouys will be picked up when floating line is removed from borrow area.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/7/2007 **Report #** 442

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER Mostly Cloudy / Heavy Fog **TEMPERATURE:** Min. 55 Max. 65

WIND SPEED: 2.00 to 3.00 MPH **Direction** W

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	W	

TIDE: -.5 AM Morning tide
1 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)

B. Subcontractor: Erosion Control Services
Soil erosion crew continues planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Operations on standby today due to heavy fog.
Tug on standby to retrive heavy equipment.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Weeks Survey Skiff - operable/idle
Weeks 879 Marsh Buggy - operable/idle
D6- # 8849 - operable/idle
D6- # 8835 - operable/idle
D6- # 8827 - operable/idle
Crew Boat - Chyenne - operating
Water barge along side BT-105
Tug - Delta Fox-operable/idl

Subcontractor: Erosion Control Services
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
(1) Toro post hole auger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? N/A

Note: Borrow area bouys will be picked up when floating line is removed from borrow area.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? NO

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note:

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

WEEKS MARINE, INC.

Contractors Quality Control Report

Date: 1/8/2007 **Report #** 443

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER Clear / Sunny **TEMPERATURE:** Min. 50 Max. 68

WIND SPEED: 10.00 to 15.00 MPH **Direction** N

WAVE HEIGHT AT:

Borrow Site	1 to 2	Swell
Fill Area	1 to 2	Feet
Wave Direction	S	

TIDE: -.1 AM Morning tide
1.3 PM Evening tide

LOCATION OF DISCHARGE: N/A

DRESSING OPERATIONS COMPLETE TO: 145+77/42 feet east of pay profile line no. CG 35

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work performed today: (Indicate exact location and description of work performed. Provide beach/dune or marsh fill. Advance over last 24 hrs.)
Survey crew took survey of missing overlap data on sta. 127+00,128+00,130+00,130+84.
They also took survey on the top of the dike by sta. 145+51 to help quantify marsh fill.
Survey crew drove survey skiff to Grand Isle to go to next job.
Beach crew moved heavy machinary on barge and dressed landing on their way out.
The tug Augusta moved barge with heavy machinery to the next job.
The offshore crew moved the BT-105 (quarters barge) to the next job.

B. Subcontractor: Erosion Control Services
Soil erosion crew continues planting grass.

2. Result of Surveillance: (Include satisfactory work completed or deficiencies with action taken.)
Removed all remaining heavy equipment from the beach.
Completed surveys of missing data.
We succesfully demobilezed job.

3. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

Subcontractor: Erosion Control Services
(2) Polaris Ranger 6X6 ATV- operating
Honda 300 4X4 ATV- operating
(1) Toro post hole auger operable/idle

4. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

As of Sep. 15 2006, no more observed bird activity will be necessary. (Per Specs.)

5. Verbal Instructions Received: (List any instructions given by GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

N/A

6. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

N/A

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

The Quarter boat performed daily inspections with no deficiencies

8. Explanation of downtime:

9. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the plans (Yes/No?) N/A . Also, do you certify that the borrow area has not been excavated below the limit as shown in the plans (Yes/No?) N/A

10. Buoy Check: Were borrow area buoys checked today (Yes/No)? N/A

Note: Borrow area bouys will be picked up when floating line is removed from borrow area.

Did borrow area buoys require resetting (Yes/No)? N/A

11. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. N/A
and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? N/A

12. Remarks: (Cover delays and any conflicts in plans, specifications, or instructions.)

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in strict compliance with the contract drawings and specifications except as noted above.

Note: This will be the last report.

Thomas Newman

CONTRACTOR'S Approved Authorized Representative

APPENDIX I

COASTAL PLANNING & ENGINEERING, INC.

DAILY OBSERVATION REPORTS

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: March 4, 2006 OBSERVATION REPORT NO: 1
OBSERVER: Brian Kendrick CONTRACT DAY: 109
ARRIVAL TIME: 10:00 DEPARTURE TIME 16:05

WEATHER CONDITIONS: Partly Cloudy, cool, windy
ESTIMATED WAVE AND DIRECTION: AM: Bay 2 - 3 feet, chop with white caps. PM: Bay 1 feet Light to Moderate.
WIND SPEED & DIR: AM: 10-15 Kts NE PM: 5-10 Kts NE
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY Magnetometer survey of Robinson Canal
NORTH DREDGE PIPE OUTFALL AT STATION
SOUTH DREDGE PIPE OUTFALL AT STATION
FILL AREA EXTENDS TO STATION

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	N/A	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	N/A	
3.	Has the contractor provided the daily quality control report for the previous day?	No	(See Item 1)
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	N/A	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	N/A
6.	Are there any safety concerns at present?	N/A
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	N/A
9.	Was any staking and layout performed today?	Yes
	Location: 6" Hunt Pipeline within the Robinson Canal	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: March 4, 2006 OBSERVATION REPORT NO: 1

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
29.	Has required coordination with utility operators occurred?	Partially
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today? Utility clearance (P/L) in Robinson Canal Access Canal in cut area.	Yes
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. C&C setup RTK GPS on TBM at N=300,012.84, E=3,781,720.54, Z=4.843' near camp on Robinson Canal. They performed a survey of the Access Canal cut area using a Geometrics G-858 Magnetometer; reprobed Texas Eastern P/L crossing Robinson Canal staked by TBS, and probed the 6" Hunt P/L at the mouth of the Robinson Canal.

2. There were no magnetometer hits on possible 3" Swift Pipeline crossing Robinson Canal. The pipeline may not have been constructed yet or be at this location.

3. WMI rechecked isolated magnetometer hits found within the cut area during prior survey. Most were not identifiable or appear to be isolated metallic debris.

4. The 6" Hunt pipeline crossing the Robinson Canal appears to have 1.5 to 2' of cover in 4.5 to 5.5' of water.

5. There were several pipelines within the Robinson Canal that are outside the cut area but within the project footprint that remain to be identified/surveyed.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: March 4, 2006 OBSERVATION REPORT NO: 1

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Weeks Marine is submitting DQCR's via e-mail. The non-delivery of DQCR has been discussed during the weekly project conference calls. These are not being submitted on a daily basis at this time due to technical difficulties.

2. I discussed the limited cover over the 6" Hunt Pipeline with Gordon Thomson. I told him that I think that Weeks Marine may have a problem crossing this line. Gordon responded that we would leave this up to Weeks Marine to determine their course of action.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View of stakes marking Texas Easter Pipeline (looking west)

View of stakes marking Hunt 6" line at north end of Robinso Canal looking north.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: March 17, 2006 | OBSERVATION REPORT NO: 2
OBSERVER: Brian Kendrick | CONTRACT DAY: 122
ARRIVAL TIME: 7:45 DEPARTURE TIME 12:00

WEATHER CONDITIONS: Partly Cloudy, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 2 - 3 feet, chop with white caps. PM: Bay 1 feet Light to Moderate.
WIND SPEED & DIR: AM: 5-10 Kts NE PM: 5-10 Kts NE
TEMPERATURE: 80 - 85 F

OVERVIEW OF CONSTRUCTION ACTIVITY: No construction activities observed.
NORTH DREDGE PIPE OUTFALL AT STATION
SOUTH DREDGE PIPE OUTFALL AT STATION
FILL AREA EXTENDS TO STATION

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	N/A	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	N/A	
3.	Has the contractor provided the daily quality control report for the previous day?	No	(See Item 1)
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	N/A	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	N/A
6.	Are there any safety concerns at present?	N/A
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	N/A
9.	Was any staking and layout performed today?	Yes
	Location: 6" Hunt Pipeline within the Robinson Canal	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: March 17, 2006 OBSERVATION REPORT NO: 2

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
29.	Has required coordination with utility operators occurred?	N/A
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Rachel Sweeny (NOAA), Pat Williams (NOAA), Greg Grandy (LDNR), and Gordon Thomson (CPE) performed a site observation.

2. Additional labeled stakes were observed in the Robinson Canal. TBS staked and probed 2 Columbia Gulf P/Ls and 2 BP P/L's on Robinson Canal as part of LA-One Call. This work was performed by TBS between 3/5/06 and 3/16/06.

3. Several large tree trunks, dead vegetation, oil and gas pipeline debris and other flotsam was observed within the proposed beach fill template.

4. Numerous pipelines and flowlines remain to be located. There is a flowline running along the east bank of Robinson Canal that could interfere with the access road to the beach that WM has proposed to construct.

5. 2 Columbia Gulf and 2 BP P/L's crossing Robinson Canal were probed by TBS as part of LA-One call. C&C is using a TBM located at a camp on Robinson Canal. N=300,012.84, E=3,781,720.54, Z=4.843' (NAVD?).

6. The east side of the "W" canal at the eastern breach (Sta. 90+50) has shoaled with sand.

7. An iron rod was observed in the vicinity of CG15 monument. An unlabeled stake (bamboo pole) was adjacent to the iron rod. Several similar rods were observed within the project area. The majority were labeled "Toe of Dike" and were in the approximate location of the toe of the primary dike. Stakes were also observed in the vicinity of the OIAC.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: March 17, 2006 OBSERVATION REPORT NO: 2

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The delivery of DQCR has been discussed during the weekly project conference calls.

2. The project team discussed the debris within the fill template. Rachel Sweeney said that she would contact Ken Babbin (Hunt Petroleum) to remove the oil and gas pipeline debris. Gordon Thomson said that the tree trunks and other large, loose vegetation debris will have to be removed prior to the placement of beach fill. This will not have to be removed from the island but can be relocated to a completed section of beach or marsh. Other manmade flotsam would have to be removed from the island.

3. The project team discussed the modification and/or removal of the primary dike enclosing the water discharge area.

4. Rachel Sweeney expressed concern about wind blown sand interfering with the El Paso Pig launcher. Gordon Thomson suggested modification/shortening of the east end of the beach fill to avoid possible impacts.

5. There may not be sufficient depth for WM to cross the BP pipeline's crossing the Robinson Canal. Survey data from WMI, TBS, or BP needs to be reviewed. This item will be raised during the next weekly conference call.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to northeast of O& G pipeline debris near center of proposed dune at CG-13.

View to west of new breach on beach (6"' to 12" deep) and large tree at CG-12.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: March 17, 2006 OBSERVATION REPORT NO: 2

View to west of O&G f/l on east bank of Robinson Canal approx. 800' N of GOM (prop. road).

View to west along beach line of breach located at CG-23+5.

View to east of filled in Canal and beachline at CG-23.5.

View to south of three f/l surface connections and beach at CG-27.5.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: March 26, 2006 | OBSERVATION REPORT NO: 3
OBSERVER: Brian Kendrick | CONTRACT DAY: 131
ARRIVAL TIME: 7:00 DEPARTURE TIME 14:30

WEATHER CONDITIONS: Partly cloudy, cool, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 2 - 3 feet, chop with white caps. PM: Bay 1 feet Light to Moderate.
WIND SPEED & DIR: AM: 10-15 Kts ENE PM: 5-10 Kts ENE
TEMPERATURE: 60 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging at Robinson Canal started at Sta. 12+18.
NORTH DREDGE PIPE OUTFALL AT STATION
SOUTH DREDGE PIPE OUTFALL AT STATION
FILL AREA EXTENDS TO STATION

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	(See Item 1)
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes
	Location: Stakes for limits of fill disposal within the Robinson Canal	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: March 26, 2006 OBSERVATION REPORT NO: 3

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: 3/25/06, 7 PM Sta. 12+18 to Sta 18+00 3/26/06 2:30 PM.	Yes
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes (See Item #8)

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket arrived on site at 6:30 PM on 3/25/06 and began dredging at 7:00 PM on Sta 12+18 within Robinson Canal. The dredge accessed the site 100' east of pipeline riser north of Sta. 0+00 and traveled 100' parallel and east of the 6" Hunt pipeline. Dave Cilovich w/ Rick Waldron guided the vessel in.

2. WMI was placing material on either side of the Robinson Canal. Stakes had been placed to show the outer limits allowed for placement of the material. Material was being placed within these stakes. The material extended approximately 0.5 feet above the surface of the water.

3. The 6" Hunt pipeline crossing the Robinson Canal appears to have 1.5 to 2' of cover in 4.5 to 5.5' of water.

4. The Chevron pipeline and potential 3" Rosewood Flowline and 36" Koch pipeline were not marked or probed and still require verification and marking.

5. WMI Unit 418 is spudded down about 200' east of Sta. 7+25. It has a Linkbelt crane with an approx. 100' boom on standby.

6. WMI is staking the cut limits, offset distance between cut and fill and outside fill area limit within Robinson Canal.

7. WMI subcontract surveying consultant, C&C Technologies, was not on site.

8. There was a turbidity plume created by the dredging. The turbidity plume stayed within the confines of the Robinson Canal.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: March 26, 2006 OBSERVATION REPORT NO: 3

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Detailed Observation Items 1 thru 8 along with the daily progress of the project was discussed via phone with Jason Manthey (NOAA), Rachel Sweeney (NOAA), and Gordon Thomson (CPE).

2. At 12:15 PM, Unit 542 was at Sta. 17+50. I asked Tim Vestal (WM) if he was aware of the three metal anomalies located between Sta. 18+00 and 23+00 and we checked the magnetometer survey. Tim notified operator of the anomalies.

3. I asked Tim Vestal on notification status of the 3" Swift P/L. Tim stated that we was told by WMI that the line doesn't exist and that notification wasn't required. Tim contacted Swift for re-verification and was told that no P/L exists crossing Robinson Canal.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to north of Robinson Canal from Unit 542 at sta. 19+00 and east spoil area.

View to south of Robinson Canal from Unit 542 at sta. 19+00 an east spoil area.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: March 27, 2006 | OBSERVATION REPORT NO: 4
OBSERVER: Brian Kendrick | CONTRACT DAY: 132
ARRIVAL TIME: 8:00 DEPARTURE TIME 19:30

WEATHER CONDITIONS: Partly cloudy, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1 feet, light to calm. PM: Bay 1 feet Light to calm.
WIND SPEED & DIR: AM: 5-10 Kts ESE PM: 5-10 Kts E
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging at Robinson Canal
STARTING STATION OF CANAL DREDGING: STA. 26+00
ENDING STATION OF CANAL DREDGING: STA. 29+00
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	(See Item 1)
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes
	Location: Stakes for limits of fill disposal within the Robinson Canal	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: March 27, 2006 OBSERVATION REPORT NO: 4

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: 3/27/06, 9 AM Sta 26+00 to Sta 29+00 3/27/06 7:00 PM.	Yes
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket was dredging within Robinson Canal at Sta 20+00 at 12:01 AM and dredged to Sta 29+00 by 7:00 PM. There was little down time over the night and early morning.

2. Two story quarters barge, one 40'x100' barge caring two(2) 325B Cat Wilco marsh buggies (short arm), 400 gal fuel and 8 settlement plates, and two tugs (one rental "Augsta" and one WMI 600 hp) arrived at 2:30 PM.

3. Quarters and supply barge were guided in by Dave Cilovaich w/ Rick Waldron across the oyster leases. Dave routinely works as a consultant for Swift and was hired by WMI. The barges and tugs traveled 200' east of the riser located 1900 feet northeast of Sta 0+00, then parallel along the 6" Hunt P/L to approximately 200' east of Sta 7+25.

4. There were several pipelines within the Robinson Canal that are outside the cut area but within the project footprint that remain to be identified/surveyed.

5. WMI subcontract surveying consultant, C&C was not on site.

6. There was a turbidity plume created by the dredging. The turbidity plume stayed within the confines of the Robinson Canal.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: March 27, 2006 OBSERVATION REPORT NO: 4

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I provided a verbal status report to NOAA (Jason Manthey and Rachel Sweeney). Rachel asked me to discuss with WMI whether it was prudent to locate equipment outside of the canal. I spoke to Gary Johnson. He agreed and the equipment was moved.

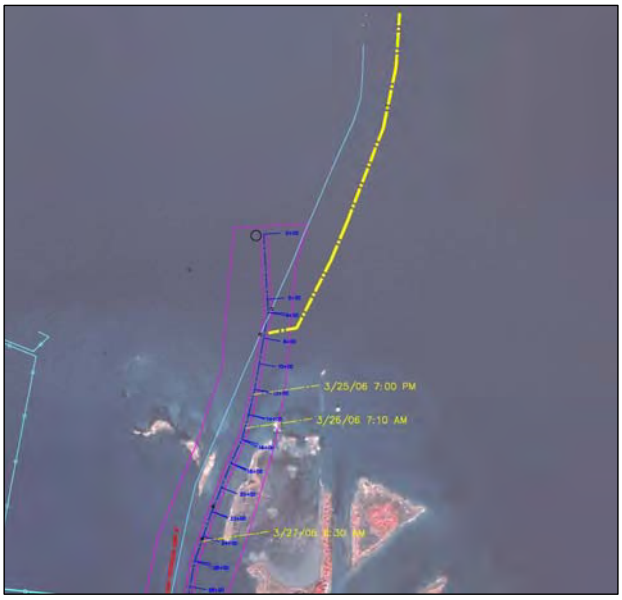
2. I showed Gary Johnson (WMI) my AutoCAD drawing of the access canal and the potential 3" Swift P/L. He was aware that the available data suggested that the line did not exist but he relayed this information to the operator on Unit 542.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to north of Robinson Canal from Unit 542 at sta. 29+00 and east spoil area.

View to south of Robinson Canal from Unit 542 at sta. 29+00 an west spoil area.



Route (in yellow) being used by WMI to access Robinson Canal. No dredging was performed between sta. 0+00 and sta. 12+18.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: March 28, 2006 | OBSERVATION REPORT NO: 5
OBSERVER: Brian Kendrick | CONTRACT DAY: 133
ARRIVAL TIME: 7:30 DEPARTURE TIME 18:00

WEATHER CONDITIONS: Partly cloudy, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 0.5 feet, light to calm. PM: Bay 1 feet, light. GOM 1-1.5' waves.
WIND SPEED & DIR: AM: 5 Kts E PM: 5-10 Kts E
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging at Robinson Canal Sta. 33+18 to 35+00.
NORTH DREDGE PIPE OUTFALL AT STATION
SOUTH DREDGE PIPE OUTFALL AT STATION
FILL AREA EXTENDS TO STATION

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	(See Item 1)
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any Staking and layout performed today?	Yes
	Location: Stakes for limits of fill disposal within the Robinson Canal	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: March 28, 2006 OBSERVATION REPORT NO: 5

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: 3/28/06, 12:01 AM Sta. 33+18 to Sta. 35+00 3/28/06 7:00 PM.	Yes
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket was dredging within Robinson Canal at Sta. 33+18 at 12:01 AM. Unit 542 was not operating between 12 Noon and 6:00 PM because the day operator went to Buras. The dredge resumed operation at approximate Sta. 35+00 at 7:00 PM.

2. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one 40'x100' barge caring two(2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one 22' crew boat and two (2) 19' skiffs.

3. WMI personnel: Two crane operators w/ crew of four, Tim Vestal, Gary Johnson, one cook and two survey crew.

4. WMI subcontract surveying consultant, C&C was not on site.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Detailed Observation Items 1 thru 6 along with the daily progress of the project was discussed via phone to NOAA and CPE.

2. Provided Status report to team members during weekly conference call from 10:00 AM to 11:00 AM. WMI stated Chevron has been given three day notice prior to P/L crossing and is notifying the other P/L owners. CPE stated all surveys need to be sealed. Government stated that bird patrols need to be implemented. A Hold Point Inspection was set for April 4th from CG-11 to west end of project. WMI submitted DQCR reports thru 3/27/06.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: March 28, 2006 OBSERVATION REPORT NO: 5

3. I made a site visit to the island with Gary Johnson to go over work plan and discuss items observed on 3/17/06 field trip with team members. Wood debris will be gathered and burned. Plastic/rubber debris will be picked up and disposed of in accordance with the specifications. Trees will be moved on top of the fill. WM plan to use the east bank of Robinson Canal for access to the beach. They may need to cross to the west bank due to water depth. Noted all known flow lines around CG-15. Noted three canal closures in the project area (noted Robinson Canal not shown as a closure). Noted three breaches and took soundings. WMI will want to close the east breach first in order to get fuel to the west part of the island.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. Yes. The burning of wood debris will require a request for interpretation.

View to south of Robinson Canal at Sta 7+25 from quarters barge.

View to south of one of two 325B Cat Wilco marsh buggy backhoes, short arm.

View to east of Eight (8) Settlement plates on barge.

View to south of wave conditions along GOM, 1' to 1.5' waves.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: March 29, 2006 OBSERVATION REPORT NO: 6
OBSERVER: Brian Kendrick CONTRACT DAY: 134
ARRIVAL TIME: 7:30 DEPARTURE TIME 18:00

WEATHER CONDITIONS: Cloudy to Partly Cloudy, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1 feet, light. PM: Bay 1 feet, light. GOM 1-2' waves.
WIND SPEED & DIR: AM: 5-10 Kts E PM: 10-15 Kts E
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY Bucket dredging at Robinson Canal Sta 35+00 to 44+00.
NORTH DREDGE PIPE OUTFALL AT STATION
SOUTH DREDGE PIPE OUTFALL AT STATION
FILL AREA EXTENDS TO STATION

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	(See Item 1)
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes
	Location: Stakes for limits of fill disposal within the Robinson Canal	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: March 29, 2006 OBSERVATION REPORT NO: 6

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: 3/29/06, 12:01 AM Sta 35+00 to Sta 44+00 3/29/06 7:00 PM.	Yes
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket was dredging within Robinson Canal at Sta 35+00 at 12:01 AM to Sta 44+00 at 7:00 PM with little or no down time.

2. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one 40'x100' barge caring two(2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one 22' crew boat and two (2) 19' skiffs.

3. WMI Personnel: Two Crane operators w/ crew of four, Tim Vestal, Gary Johnson, one cook and two survey crew.

4. Gary Johnson, the WMI survey crew and I toured the project area between CG-11 and CG-9. An airboat will be on-site tomorrow to lay out the primary dike stake (inside and outside toe and the top of dike locations). We observed the Robinson Canal primary dike that follows the east side of the canal. WMI indicated that they would like to borrow material from two large stockpiles to close the Robinson Canal and construct an access road to the beach.

5. Stage reading was at +0.2' at 2:30 PM at TBM.

6. WMI subcontract surveying consultant, C&C was on site with their crew boat and Seadoo hydrographic survey watercraft. They did not appear to be performing any work in the GOM. C&C left the project site at approximately 5:30 PM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: March 29, 2006 OBSERVATION REPORT NO: 6

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Detailed Observation Items 1 thru 6 along with the daily progress of the project was discussed via phone to NOAA and CPE.

2. I spoke with Rachel Sweeney (NOAA). She will be on-site tomorrow to review the progress of the project for the government. She will be picked up at 10:00 AM at the Sand Dollar Motel.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to south of Robinson Canal at Sta 7+25 from quarters barge.

View to south of Breach Area and GOM from Hunt Platforn located at CG-9.

View to north of C&C Seadoo Hydrographic Survey Watercraft.

View to south of wave conditions along GOM, 1.5' to 2' waves.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: March 30, 2006 | OBSERVATION REPORT NO: 7
OBSERVER: Brian Kendrick | CONTRACT DAY: 135
ARRIVAL TIME: 7:00 DEPARTURE TIME 17:00

WEATHER CONDITIONS: Cloudy to Partly Cloudy, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1 feet, light. PM: Bay 1 to 1.5', moderate. GOM 2-3' waves.
WIND SPEED & DIR: AM: 5-10 Kts E PM: 10-15 Kts E
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging at Robinson Canal.
STARTING STATION OF CANAL DREDGING: Sta. 44+00
ENDING STATION OF CANAL DREDGING: Sta. 53+96
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	No
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	No

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes
	Location: Robinson Canal sta. 45+00 to 55+00. Primary Dike CG-10 to CG-1.	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: March 30, 2006 OBSERVATION REPORT NO: 7

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: 3/29/06, 12:01 AM Sta. 44+00 to Sta. 48+50 3/29/06 5:00 PM.	Yes
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket was dredging within Robinson Canal at Sta. 44+00 at 12:01 AM to Sta. 48+50 at 5:00 PM with little or no down time.

2. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one 40'x100' barge carrying two(2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one 22' crewboat and two (2) 19' skiffs.

3. WMI Personnel: Two Crane operators w/ crew of four, Tim Vestal, Gary Johnson, one cook and two survey crew.

4. Gary Johnson, Rachel Sweeney (NOAA) and I toured the site from CG-11 to CG-16. We observed T. Baker Smith probing 3" Rosewood crossing Robinson Canal and 6" Hunt P/L crossing W Canal at CG-15.

5. Stage reading was at +1.2' at 2:30 PM at TBM.

6. WMI subcontract surveying consultant, C&C was on site with crewboat and Seadoo hydrographic survey watercraft. C&C did not appear to be performing any work in the GOM (software problems).

7. Hunt Rep Tom Lee on site for 12:00 Noon Meeting.

8. WMI was dredging within the Robinson Canal. There was a turbidity plume but it was contained within the canal.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: March 30, 2006 OBSERVATION REPORT NO: 7

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Site inspection with Rachel Sweeney and Gary Johnson. Rachel indicated that the primary dike alignment located between CG-13 and CG-16 could be moved out with a minor permit modification.

2. Gary Johnson asked if they could burn the vegetative debris within the fill footprint. Rachel Sweeney indicated that he should submit an RFI on this item.

3. Meeting with Rachel Sweeney, Gary Johnson, and Tom Lee (Hunt Petroleum). Hunt provided TBS's profile data for the 6" Hunt P/L and 3" Rosewood P/L. Both P/L's were deep and had sufficient cover to float across. TBS to stake out and probe flowline crossing W Canal 1000' west of 6" Hunt P/L (DBK provided coordinates). All Hunt flowlines west of the 6" P/L are dead and abandoned and can be cut and plugged. The 6" to 4" Hunt P/L leading out to the beach is live and transports oil (CG-15.5). The 3" P/L crossing the new access canal at CG-20 is a 2" saltwater line that is abandoned and already cut at the W Canal. Tom will discuss a cut verses possible lowering with Ken Babin.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to south of Robinson Canal at Sta 7+25 from quarters barge.

View to south of Robinson Canal at Sta. 20+00 from skiff.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: March 31, 2006 | OBSERVATION REPORT NO: 8
OBSERVER: Brian Kendrick | CONTRACT DAY: 136
ARRIVAL TIME: 7:00 DEPARTURE TIME 22:00

WEATHER CONDITIONS: Cloudy to Partly Cloudy, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1 feet, light. PM: Bay 1 to 1.5', moderate. GOM 2-3' waves.
WIND SPEED & DIR: AM: 5-10 Kts E PM: 10-15 Kts E
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging at Robinson Canal.
STARTING STATION OF CANAL DREDGING: Sta. 53+96
ENDING STATION OF CANAL DREDGING: Sta. 61+00 (50' North of Texas Eastern P/L)
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	No

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes
	Location: Robinson Canal sta. 53+96 to 61+00. Primary Dike CG-11 to CG-20.	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: March 31, 2006 OBSERVATION REPORT NO: 8

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: 3/31/06, 12:01 AM Sta. 53+96 to Sta. 61+00 3/31/06 2:00 PM.	Yes
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket was dredging within Robinson Canal at Sta. 53+96 at 12:01 AM to Sta. 61+00 at 2:00 PM with little or no down time. On standby for Texas Eastern representative.

2. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one 40'x100' barge caring two(2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one 22' crewboat and two (2) 19' skiffs. One (1) four wheeler and one (1) airboat arrive on site.

3. WMI Personnel: Two Crane operators w/ crew of four, Tim Vestal, Gary Johnson, one cook and two survey crew. One airboat operator.

4. Gary Johnson and I toured the project site from CG-11 through CG-1. Accessed Pass Le Mer from bayou west of Robinson Canal. The primary dike location at CG-1 is in the water by 60' to 80'.

5. Stage reading was at +1.6' at 10:30 AM at TBM.

6. TBS survey crew on site for Hunt Petroleum. WMI subcontract surveying consultant, C&C did not appear to be on site.

7. Ken Babin (Hunt Oil) on site for 12:00 Noon Meeting.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: March 31, 2006 OBSERVATION REPORT NO: 8

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson indicated that the primary dike alignment located a CG-1 should be moved in because the wave action in Pass La Mer will wash out the primary dike. I suggested that Gary submit an RFI to discuss this item if he wanted it changed.

2. Meeting with Gary Johnson (WMI), Ken Babin (Hunt), Gerald Tomkins (Hunt Petroleum) and Lee Guidry (T. Baker Smith). Hunt stated all flowlines at Sites B, C, D & E are abandoned and will be cut and capped by Hunt next Tuesday. TBS to mag, stake out and probe flowline crossing west of 6" Hunt P/L (DBK provided coordinates). WMI will bring out the cut F/L pipe and deliver to Hunt. WMI will begin excavating the flowlines as early as next Tuesday. The 3" P/L crossing the new access canal at CG-20 (Site A) is an abandoned 2" saltwater line and is to be cut and capped by Hunt. TBS will locate the line. WMI will expose the Hunt flowlines using a mash buggy track hoe. WMI also stated they could move the floating concrete platform at CG-9 out for Hunt but Hunt declined.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to south of Robinson Canal east bank at Sta 57+00.

View to south of Robinson Canal west bank at Sta. 57+00.

View to north of R. Canal and Unit 542 from near Sta. 65+00

View of breach area from CG-9. Waves in GOM 2' to 2.5'.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 1, 2006 | OBSERVATION REPORT NO: 9
OBSERVER: Brian Kendrick | CONTRACT DAY: 137
ARRIVAL TIME: 7:00 DEPARTURE TIME 12:30

WEATHER CONDITIONS: Sunny, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay calm to 1 feet, light. PM:
WIND SPEED & DIR: AM: 5-10 Kts E PM:
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging at Robinson Canal.
STARTING STATION OF CANAL DREDGING: Sta. 61+75 (50' North of Texas Eastern P/L)
ENDING STATION OF CANAL DREDGING: Sta. 69+61 (End of cut)
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes

Location: Robinson Canal Sta. 61+75 to 69+61 & primary dike CG-20 to CG-29 over weekend.

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 1, 2006 OBSERVATION REPORT NO: 9

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: 4/1/06, 7:30 AM Sta. 61+75 to Sta. 69+61 4/1/06, 11:00 PM.	Yes	
29.	Has required coordination with utility operators occurred?	Yes	
30.	Was work performed today on canal closures?	No	
31.	Have any settlement plates been installed today?	No	
32.	Did any other work activities of note occur today?	No	
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	(See Item 2)

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket began dredging within Robinson Canal at Sta. 61+75 at 7:30 AM and crossed Texas Eastern P/L at 9:00 AM. Texas Eastern representative, Mr. Bordelon, was on site. Unit 542 spudded safely across the Texas Eastern P/L at 9:00 AM with their representative on board. Stern spud crossed at 11:15 AM in pinned condition. WMI continued dredging to completion at approximate Sta. 69+61 late that evening.
2. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one 40'x100' barge caring two(2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiffs, one (1) four wheeler and one (1) airboat.
3. WMI Personnel: Two Crane operators w/ crew of four, Tim Vestal, Gary Johnson, one cook and two survey crew. One airboat operator.
4. Stage reading was at +1.8' at 10:30 AM at TBM.
5. TBS survey crew on site for Hunt Petroleum. WMI subcontract surveying consultant, C&C was on site according to WMI.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personn

1. Gary Johnson left the site Friday evening. Tim Vestal stated that WMI would try to do a bird survey over the weekend, finish Robinson Canal dredging late tonight or early tomorrow morning and finish up staking the primary dike for the entire project.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 1, 2006 OBSERVATION REPORT NO: 9

2. A small localized turbidity plume was observed throughout the course of the dredging operations. The plume was mainly confined in the limits of Robinson Canal with exception at the northern limits which enters Lake Robinson.

3. All fill material was placed in the staked limits, equally distributed on both sides and achieved a maximum elevation of approximately+1.5' to +2.0' NAVD. Fill placement elevations were lower near openings and in several instances below mean low water, approximately -0.5' NAVD.

4. Headed to landing at 11:30 AM and arrived at 12:00 noon. I called Gordon Thomson (CPE) with the days progress and that I was off the water. Arrived in Baton Rouge at 3:00 PM.

5. Called Jason Manthey (NOAA) with progress of the days work and expected work to be completed on Sunday.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to south of Robinson Canal at Sta. 7+25 from quarters barge.

View to north from skiff of Robinson Canal and Unit 542 at Sta. 59+50 crossing Texas Eastern p/l.

View to north from skiff of Robinson Canal and Unit 542 at Sta. 59+75 crossing Texas Eastern p/l.

View to north from skiff of Robinson Canal and Unit 542 at Sta. 60+00 crossing Texas Eastern p/l.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 3, 2006 OBSERVATION REPORT NO: 10
OBSERVER: Brian Kendrick CONTRACT DAY: 139
ARRIVAL TIME: 4:00 DEPARTURE TIME 21:00

WEATHER CONDITIONS: Sunny to Partly Cloudy, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1 feet, light. PM: Bay 1 to 1.5', moderate. GOM 2-3' waves.
WIND SPEED & DIR: AM: 5-10 Kts SW PM: 15-20 Kts SW
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY Transport equipment across P/L's down Robinson Canal.
STARTING STATION OF CANAL DREDGING
ENDING STATION OF CANAL DREDGING
FILL AREA EXTENDS TO STATION

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 3, 2006 OBSERVATION REPORT NO: 10

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Arrived at Sand Dollar Marina at 7:00 AM and arrived at the Quarters Barge at 8:45 AM. "Augusta" waiting on tide to come in and "Capt. John" docked at Unit 418.

2. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one (1) 40'x100' barge caring two (2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiffs, one (1) airboat, one (1) ATV, and two (2) tugboats ("Augusta" and "Capt. John").

3. WMI Personnel: Two Crane operators w/ crew of four, Tim Vestal, Gary Johnson, one cook and two survey crew. One airboat operator.

4. Transported WMI Unit 542 down Robinson Canal at 1:30 PM and crossed Texas Eastern P/L at 9:00 AM. Columbia Gulf representative, Nelson Kramer, and Tom Lee and Gerald Tompkins with Hunt Petroleum are on site along with one helicopter (unknown P/L company). Louisiana Intrastate Gas, Gulfsouth, Chevron and British Petroleum were notified of the crossing but did not attend the pipeline crossings.

5. Accompanied Hunt representatives to observe staking of flowlines at 1:30 PM. Augusta and Capt. John heading for Unit 542. Stage reading was at +1.6' at 10:30 AM and rising at TBM. Stage near +2' during crossings.

6. TBS survey crew for Hunt was not on site. WMI subcontract surveying consultant, C&C was on site but was not working in GOM.
7. Unit 542 at W Canal at 3:00 PM. Quarters Barge and Unit 418 anchored at Sta. CG-10.5 at 5:30 PM. Barge with marsh buggies near Sta. CG-10.5 at 9:00 PM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 3, 2006 OBSERVATION REPORT NO: 10

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gerald Tompkins (Hunt) stated that flowlines between CG-9 and CG-10 were staked by TBS. F/L at CG-12.5 was not staked. Hunt stated that Ken Babin did not want the flowline staked because it was deep water and it was abandoned and he gave WMI permission to cross.

2. I spoke to Gary Johnson and showed him our position relative to the flowlines in W Canal (CG-10.5). He indicated that WMI equipment was clear of any utilities at their current positions including anchors and spuds.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to north from skiff of Unit 542 entering W Canal.

View to south from Quarters Barge entering Robinson Canal near Sta. 20+00.

View to west from skiff of Hunt f/l and primary dike alignment at CG-10.

View to southwest from Quarters Barge at Sta. CG-10.5 of GOM with 2' to 3' wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 4, 2006 | OBSERVATION REPORT NO: 11
OBSERVER: Brian Kendrick | CONTRACT DAY: 140
ARRIVAL TIME: 7:00 DEPARTURE TIME 19:00

WEATHER CONDITIONS: Partly Cloudy, cool to warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1.5' - 2', choppy. PM: Bay 1 to 1.5', moderate. GOM 2-3' waves
WIND SPEED & DIR: AM: 5 -15 Kts ESE PM: 5-10 Kts ESE
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Offload marsh buggy. Dredging primary dike. Cut & Cap f/l.
STARTING STATION OF PRIMARY DIKE DREDGING: Sta. 53+50
ENDING STATION OF PRIMARY DIKE DREDGING: Sta. 53+50 (Hit f/l work suspended)
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	Yes	(See Item 2C)
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes
	Location: Primary Dike borrow area from Sta. 53+50 to Sta. 43+72.	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location: Sta. 53+50 to Sta. 53+50. Hit two unmarked f/l's.	
11.	Were previously constructed dikes observed?	No
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 4, 2006 OBSERVATION REPORT NO: 11

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	Yes
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket began dredging primary dike along west bank of W Canal at Sta. 54+00 at 1:30 PM and pulled up two (2) 4" abandoned flowlines with first bucket. Hunt Petroleum, NOAA and DNR representatives were on site. See safety concerns under Items Discussed.

2. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one 40'x100' barge caring two(2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiffs, one (1) ATV, two (2) tug boats "Augusta" and "Capt. John" and one (1) 45' crewboat "Bayou Princess".
3. WMI Personnel: Two (2) Crane operators w/ crew of four, Tim Vestal, Gary Johnson, one (1) cook, one (1) marsh buggy operator, two survey crew and one (1) airboat operator.

4. At 1:30 PM, Unit 542 commenced dredging operations of the primary dike starting at Sta. 54+00. On the first bucket, two (2) unmarked 4" diameter flowlines were excavated along the west bank of the W Canal. WMI suspended dredging operations until completion of a magnetometer survey for additional unmarked flowlines within the cut/borrow area. Hunt Petroleum cut and cap the two flowlines.

5. Jason Manthey (NOAA), Rachel Sweeney (NOAA) and Barry Richard (LDNR) arrived on site at 9:15 AM and performed an inspection of the primary dike alignment. Party depart site at 2:00 PM. Gordon Thomson (CPE) arrived on site at 3:00 PM and performed primary dike alignment and hold point inspection via skiff. See inspection and meeting notes under Items Discussed.
6. One (1) marsh buggy backhoe and operator along with Hunt Petroleum crew cut and capped two (2) abandoned f/l's at Sta. 48+00, one (1) at 46+00 and two (2) at 43+72.

7. WMI subcontract surveying consultant, C&C, was on site performing hydrographic survey in GOM.

8. Hunt Representatives Tom Lee and 2 workers were on site from 7:00 AM to 5:00 PM. One marsh buggy was used to cut and cap f/l for Hunt from 7:30 AM to 5:00 PM.

9. Observed three oyster fishermen near Sta. 111 harvesting oysters.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. A site and hold point inspection of the primary dike alignment was performed by Jason Manthey (NOAA), Rachel Sweeney (NOAA), Barry Richard (LDNR) and Brian Kendrick (CPE) via airboat. The following items were discussed:

   A) WMI suggested moving in the west end of marsh platform by 100 to 140' to approximately Sta. 6+00 due to wave action occurring in Pass La Mer. Project team concurred. WMI to prepare RFI and provide new coordinates.

   B) Project Team observed that there were no station numbers or maximum tolerance elevation marked on the stakes. WMI subsequently stated that they would add the top of dike elevation and 1' maximum tolerance elevation on the stakes.

   C) WMI suggested moving the primary dike out of the footprint between Sta. 63+00 to Sta. 73+00 in order to follow the bankline (i.e. equipment can't reach). Project team concurred. WMI to add to RFI and provide new coordinates.

   D) WMI suggested burning all wood debris. Project team concurred. WMI to prepare an RFI and provide proof of permit (if required).

   E) WMI suggested using the stock piled material for use in constructing the access road at Sta. 78+00. Project team concurred. WMI to prepare an RFI.

   F) WMI suggested moving the primary dike alignment inward at Sta. 90+42 in order to follow the bankline (i.e. equipment reach). Project team concurred. WMI to add to RFI and provide new coordinates.

   G) WMI suggested moving out the primary dike alignment at Sta. 116+32 and noted a discrepancy on Sheet 29 (Profile CM47) of the construction drawings. Project team concurred with the realignment and CPE to revise Sheet 29. WMI to add to RFI and provide new coordinates.

   H) Project team observed three (3) oyster fishermen harvesting oysters near Sta. 111 on Burlington Resources property. Subsequently, the airboat operator was notified by the son of the lease holder (holder - Terry Shelly) to keep WMI equipment out of the area. Brian Kendrick notified Kermit Coulon and Jeff DeBlieux w/ Burlington of the incident and was told Mr. Shelly has a private lease with Burlington, that everything has been taken care of and to proceed as scheduled. Kermit was to contact Mr. Shelly.
   I) WMI notified project team that Hunt Petroleum has a permit to dredge between Sta. 121+50 and Sta. 124+00 for a new well and that WMI can borrow material from the canal if needed. Project team requested a copy of the permit if WMI borrows material outside the project limits under a separate permit. Subsequently, WMI agreed to provide the permit if they borrow material from this area but stated they currently don't think they need to borrow fill from this area.

   J) WMI suggested moving the primary dike alignment inward at Sta. 137+08 to follow the existing bank line (i.e. depth of water). Project team concurred. WMI to add to RFI and provide new coordinates.

2. A) Hold Point Inspection meeting for the primary dike alignment was performed between 11:30 and 12:30 PM with Gary Johnson, NOAA, LDNR and CPE. Items 1A through 1J above were discuss with WMI along with the following:

   A) WMI stated they received CPE's review letter regarding the discrepancy in the C&C survey particularly near Sta. 106+64. Gary forwarded this information to Larry to resolve and WMI is performing a resurvey of this area confirming the C&C discrepancy. Item was deferred until Gordon arrived.

   B) NOAA gave approval to bill for Modification Number 2 for dredging Robinson Canal and requested survey data and an as-built. WMI concurred.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel (Con

C) NOAA reminded WMI that a magnetometer survey was supposed to have been performed in all borrow/cut areas for potential unknown flowlines per weekly meeting in late March 06. Gary was unaware of this requirement and would contact Larry for clarification.

D) WMI is to revise and submit an updated time schedule with the next invoice with particular attention give to correct start and completion dates.

E) WMI presented one (1) original set of the Final Marsh Platform Preconstruction Survey to Jason Manthey from Sta. 5+00 to Sta. 159+87 with the understanding that some of the profiles will be resurveyed.

F) The government provided their verbal approval of the Hold Point Inspection barring any items brought up by the EOR.

3. Gordon Thomson (CPE) arrived at 3:30 PM and performed a primary dike alignment and hold point inspection via skiff. All Items above were discuss (See Items Discussed 1 and 2 above) including the following:

   A) Gordon indicated that using the existing material proposed for the access road may not be possible because of the pay quantity determination and requires further investigation (See Items Discussed 1E above).

   B) Two unknown pipelines that have been cut and sticking out of the water near Sta. 8+00 in the GOM may be in the beach fill footprint and may require removal.

4. A Hold Point Inspection meeting for the primary dike alignment was held at 7:00 PM with Gary Johnson, Gordon Thomson and Brian Kendrick. Items 1 through 4 above were discussed along with the following:

   A) WMI presented elevation data along profiles Sta. 106+64 (CG-22) and Sta. 111+48 (CG-23) that was performed by WMI surveyors. The data indicates a maximum existing marsh elevation of +1.5' NAVD with an average marsh elevation between +0.9' and +1.2' NAVD. WMI conceded the C&C profiles were in error and will rectify/resurvey the areas in question.

   B) WMI presented 6 copies of the Final Marsh Platform Preconstruction Survey to Gordon Thomson from Sta. 5+00 to Sta. 159+87.

5. Gordon Thomson issued a letter of acceptance to WMI with the understanding that some of the profiles will be resurveyed and resubmitted.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. Yes. RFI No. 3 Primary dike realignments will be submitted by WMI (See Items 1A, 1C, 1F, 1G & 1J above). Potential RFI's No. 4 Burning wood debris (See Item 1D above) and No. 5 Use of existing stockpile material for access road (See Item 1E above) may be submitted by WMI.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: April 4, 2006 OBSERVATION REPORT NO: 11

Relevant Photographs:

View to the west from the Quarters Barge of flowline removal at Sta. 48+00.

View to the west from the Quarters Barge of flowline removal at Sta. 45+00.

View to the northeast from Quarters Barge of two (2) unmarked abandoned flowlines at Sta. 54.

View to southeast from Quarters Barge of GOM wave conditions at Sta. 77+60. Waves calm to 1'. Note C&C survey craft.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 5, 2006 | OBSERVATION REPORT NO: 12
OBSERVER: Brian Kendrick | CONTRACT DAY: 141
ARRIVAL TIME: 7:00 DEPARTURE TIME 19:15

WEATHER CONDITIONS: Cloudy to Partly Cloudy, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1 feet, light. PM: Bay 1 to 1.5', moderate. GOM 1-1.5' waves.
WIND SPEED & DIR: AM: 5-10 Kts S PM: 10-15 Kts SE
TEMPERATURE: 70 - 80 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging of primary dike at west bank of W Canal.
STARTING STATION OF PRIMARY DIKE DREDGING: Sta. 54+50
ENDING STATION OF PRIMARY DIKE DREDGING: Sta. 54+00 (Excavated unmarked, abandoned flowline)
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	Yes	(See Item 1)
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes
	Location: Staked borrow area limits for Primary Dike Sta. 53+40 to Sta. 5+00.	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location: Sta. 54+50. Dredging suspended due to unmarked, abandoned f/l.	
11.	Were previously constructed dikes observed?	No
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 5, 2006 OBSERVATION REPORT NO: 12

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one 40'x100' barge caring two(2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiffs, one (1) ATV, one (1) tug boat "Capt. John" and one (1) 45' crewboat "Bayou Princess".

2. WMI Personnel: Two Crane operators w/ crew of four, Tim Vestal, Gary Johnson, one cook, four (4) laborers and two survey crew. One airboat operator.

3. WMI survey personnel perform magnetometer survey of borrow area for primary dike from Sta. 54+50 to Sta. 43+00 using a TM Fisher MFG, Inc. Probe 10 magnetometer. The transducer is a circular hoop about 1.5 feet in circumference.

4. One (1) WMI marsh buggy backhoe and operator under contract with Hunt along with representatives from Hunt cut and capped a flowline at Sta. 26+00.

5. After WMI completed its magnetometer survey of the primary dike borrow area, WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket resumed dredging along W Canal at Sta. 54+50 at 4:30 PM. At 7:00 PM, Unit 542 uncovered another unmarked abandoned f/l at Sta. 54+00 and terminated dredging operations.

6. TBS survey crew not on site for Hunt Petroleum. WMI subcontract surveying consultant, C&C was on site surveying GOM.

7. Hunt Rep Tom Lee and 3 crew member on site from 7:00 AM to 5:00 PM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 5, 2006 OBSERVATION REPORT NO: 12

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. CPE discussed safety concerns with Gary Johnson after uncovering unmarked, abandoned flowlines along the west bank of the W Canal at Sta. 54+50 to Sta. 54+00. WMI initiated their own magnetometer survey, but did not detect the 3rd flowline along the W Canal. Gary Johnson contracted CH Fenstemaker to perform a magnetometer survey tomorrow morning. Gary suspended dredging operations until the survey is completed.

2. Safety concerns and project progress performed today was discussed with Jason Manthey (NOAA), Rachel Sweeney (NOAA) and Gordon Thomson (CPE) via cell phone.

3. Reviewed draft of WMI Invoice No. 2 provided by Gary Johnson. Indicated to Gary that a revised schedule and FAR certifications should be included in the request for payment.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to west from Quarters Barge of Hunt and WMI cutting & capping f/l's at Sta. 29+20.

View to northeast from Quarters Barge of WMI survey crew on west bank of W Canal performing magnetometer survey.

View to northeast from Quarters Barge of Unit 542 hitting unknown, unmarked abandoned flowline at Sta. 54+00 missed by WMI survey.

View to southeast from Quarters Barge of GOM wave conditions at Sta. 77+60. Waves calm to 1'.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 6, 2006 | OBSERVATION REPORT NO: 13
OBSERVER: Brian Kendrick | CONTRACT DAY: 142
ARRIVAL TIME: 7:00 DEPARTURE TIME 17:00

WEATHER CONDITIONS: Partly Cloudy, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1', GOM 1' to 2'. PM: Bay 1' to 1.5', GOM 2' to 3'.
WIND SPEED & DIR: AM: 5-10 Kts S PM: 10-15 Kts S
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging of primary dike.
STARTING STATION OF CANAL DREDGING: Sta. 54+00
ENDING STATION OF CANAL DREDGING: Sta. 48+56 @ 7:00 PM (Did not work night shift)
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location:		
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	(See Item 6)

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 6, 2006 OBSERVATION REPORT NO: 13

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one 40'x100' barge caring two(2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiffs, one (1) ATV, one (1) tug boat "Capt. John" and one (1) 45' crewboat "Bayou Princess".

2. WMI Personnel: Two Crane operators w/ crew of four, Tim Vestal, Gary Johnson, one cook, four (4) laborers and two survey crew. One airboat operator.

3. WMI subcontract survey personnel with CH Fenstemaker arrived on-site at 11:15 AM with an airboat and crewboat. They performed a magnetometer survey of the borrow area for the primary dike from Sta. 54+50 to Sta. 5+00 using a CGM magnetometer. The 3.5" diameter transmitter and receiver fits in front of the airboat and is about 12" off the water/marsh platform.
4. One (1) WMI marsh buggy backhoe and operator under contract with Hunt along with representatives from Hunt cut and capped flowlines at Sta. 29+00 and Sta. 54+00 between 7:00 AM and 5:00 PM.

5. After CH Fenstemaker completed it's magnetometer survey of the primary dike borrow area, WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket resumed dredging along W Canal at Sta. 54+00 at 11:50 AM and suspended dredging operations at Sta. 48+56 at 7:00 PM. Operations were suspended because the night shift crane operator had a dental appointment.
6. The primary dike can not be constructed with a single lift due to the underlying saturated and low strength soils. WMI is placing half the fill material in the primary dike footprint and the other half on the south side of the borrow area. WMI intends to allow the material to dry before returning to place the second lift. The primary dike fill is currently stacking to elevation+3' NAVD.
7. WMI subcontract surveying consultant, C&C was not on site.

8. Hunt Rep Tom Lee and 3 crew member on site from 7:00 AM to 5:00 PM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 6, 2006 OBSERVATION REPORT NO: 13

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Three airboats arrived on site at 10:50 AM. I spoke with the party chief and he stated that they were under contract with the USEPA and were looking for a 200 gallon container washed up by Hurricane Katrina.

2. Met with Gary Johnson, Fenstemaker party chief and Tim Vestal at 11:15 AM. Gary and Tim lined out the scope of work for today.
3. Received phone call from Gordon Thomson requesting I meet with Gary regarding limited transportation. I met with Gary and he stated that WMI would only allow qualified operators to operate WMI skiffs and ATVs. I informed Gary that I've owned and operated boats from 14' skiffs to 900' cargo container ships, had a Z card in the merchant marine, had taken Coast Guard Auxiliary and LDNR boat safety courses and operated DNR ATV's on the Isle Dernier projects. Gary indicated I was qualified to operate WMI skiffs and ATV's and would interview other CPE inspectors when they arrive. Gary thought CPE was covered under WMI's insurance and will verify with the corporate office.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to northeast from Quarters Barge of Hunt and WMI cutting & capping unmarked abandoned flowline at Sta. 54+00.

View from Quarters Barge of Fenstemaker survey crew using CGM Magnetometer.

View to north from Quarters Barge of 542 dredging primary dike near Sta. 50+00. Note spoil on both sides at +3' NAVD.

View to southeast from Quarters Barge of GOM wave conditions at Sta. 77+60, 1 to 1.5' waves.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 8, 2006 | OBSERVATION REPORT NO: 14
OBSERVER: Brian Kendrick | CONTRACT DAY: 144
ARRIVAL TIME: 7:00 DEPARTURE TIME 19:15

WEATHER CONDITIONS: Partly Cloudy to sunny, warm, moderate to high winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 2' to 3', GOM 3' to 4'. PM: Bay 2' to 3', GOM 3' to 4'.
WIND SPEED & DIR: AM: 15-20 Kts W PM: 20-25 Kts NW
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging of primary dike.
STARTING STATION OF CANAL DREDGING: Sta. 49+00 @ 8:40 AM
ENDING STATION OF CANAL DREDGING: Sta. 43+72 @ 10:00 PM (suspended due to unmarked flowline)
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location: Sta 49+00 to 43+72	
11.	Were previously constructed dikes observed?	No
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 8, 2006 OBSERVATION REPORT NO: 14

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No
34.	Was a bird monitoring survey perfromed today?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one 40'x100' barge caring two(2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiff, one (1) ATV, one (1) tugboat "Capt. John" and one (1) 45' crewboat "Bayou Princess".

2. WMI Personnel: Two Crane operators w/ crew of four, Gary Johnson, one cook, four (2) laborers and two survey crew. Tim Vestal was offsite.

3. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket was dredging primary dike at Sta. 49+00 at 8:40 AM and was at Sta. 48+00 at 11:30 AM. Unit 542 was at Sta. 44+25 at 5:30 PM and suspended dredging operations at 10:00 PM after excavating an unmarked, abandoned flowline at Sta. 43+50. Excavated fill was being placed on both sides of the excavation channel to an elevation of approximately +3' NAVD.

4. One (1) WMI marsh buggy backhoe was not used today and the second is still on a barge.

5. I performed a bird survey from Sta 111+00 to Sta 150+00 from 5:30 PM to 7:00 PM. I observed approxiamtely 30 brown pelicans, 2 white egrets, one blue herring and numerous seagulls. One small seabird (unknown species) was flushed from Roso Cane near Sta. 124+00 but no nest was observed.

6. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site.

7. Hunt Representatives were not on site.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 8, 2006 OBSERVATION REPORT NO: 14

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I met with Christian Shaw at WMI's Covington office on 4/7/06 to pick up a new phone and correspondence for Gary Johnson. Christian indicated that he had another type of phone on order and would have it sent to the site when it arrives.

2. I met with Rachel Sweeney (NOAA) on 4/7/06. Rachel said that WMI had exposed another line around noon on 4/7/06. Subsequently I called Gary Johnson and he indicated that WMI had not. I notified Rachel Sweeney via cell phone that WMI said that they had not excavated any unmarked flowlines on 4/7/06.

3. I met with Gary Johnson (WMI). He indicated that Unit 542 worked from 7 AM to 7 PM on 4/7/06 during the day. The night shift did not work because the crane operator was offsite. Unit 542 dredged from approximately Sta. 53+50 to approximately Sta. 48+50 on 4/7/06.

4. Gary Johnson informed me that a bird survey had been performed today.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to west from Quarters Barge of Unit 542 dredging near Sta. 49+00 (Site D).

View from skiff at Sta. 54+50 of north side of primary dike. Note elevation on first lift at approximately +3' NAVD

View to east from Sta. 116+00 during bird survey of east end of island. No endangered species observed.

View to southeast from Quarters Barge of GOM wave condition at Sta. 77+60. Note 3' to 4' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 9, 2006 OBSERVATION REPORT NO: 15
OBSERVER: Brian Kendrick CONTRACT DAY: 145
ARRIVAL TIME: 8:00 DEPARTURE TIME 19:00

WEATHER CONDITIONS: Partly Cloudy to sunny, warm, moderate to calm winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1' to 1.5', GOM 2' to 3'. PM: Bay calm to 1', GOM calm to
WIND SPEED & DIR: AM: 15-20 Kts NNW PM: 5-10 Kts NW
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging of primary dike.
STARTING STATION OF CANAL DREDGING: Sta. 43+72 @ 9:00 AM
ENDING STATION OF CANAL DREDGING: Sta. 40+00 @ 7:00 PM (worked night shift)
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location: Sta 43+72 to 40+00	
11.	Were previously constructed dikes observed?	No
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 9, 2006 OBSERVATION REPORT NO: 15

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one (1) 40'x100' barge caring two (2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiff, one (1) ATV, one (1) tugboat "Capt. John" and one (1) 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Gary Johnson, one cook, two (2) laborers and two survey crew. Tim Vestal was offsite.

3. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket resume dredging of primary dike at Sta. 44+25 at 9:00 AM after removing unmarked, abandoned flowline and was at approximately Sta. 41+00 at 11:10 AM when they uncovered another unmarked, abandoned flowline. Unit 542 resumed dredging at 12:30 PM and was at approximately Sta. 40+00 at 7:00 PM. Dredging operations continued through the evening. WM is placing fill on either side of the excavation channel to approximately +3' NAVD.

4. One (1) WMI marsh buggy backhoe was not used today and the second is still on a barge.

5. Observed water stage at +1.2' NAVD at 2:30 PM at the camp TBM.

6. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site.

7. Hunt Petroleum representatives Tom Lee and 1 crewman were on site from 8:00 AM to 9:00 AM to cut and cap the unmarked flowline at approximately Sta. 44+25. Unit 542 was used to move the flowline instead of a marsh buggy since it had already separated (highly corroded state). Hunt Petroleum used absorbent rags (booms) to plug the ends and indicated that they had run out of plugs. Hunt Petroleum were on site from 11:10 AM to 12:30 PM cutting and capping an unmarked, abandoned flowline at approximately Sta. 41+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 9, 2006 OBSERVATION REPORT NO: 15

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I called Rachel Sweeney (NOAA) and Jason Manthey (NOAA) and discussed the progress of today's work. I stated that Tom Lee (Hunt) had initially thought the flowline at Sta. 41+00 existed but dismissed it after several magnetometer surveys did not locate it. Also, that the close proximity of the two unmarked flowlines to other flowlines may have impacted the surveys.
2. I met with Gary Johnson (WMI) to discuss today's work progress and the two unmarked flowlines. Gary indicated that he'll continue dredging since the field is inactive, abandoned and have no flowlines in use. Gary also indicated the night shift will work tonight.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to west from Unit 542 dredging primary dike near Sta. 43+00.

View to west from Quarters Barge of Unit 542 holding up an unmarked, abandoned f/l at Sta. 41+00. Note Hunt crew boat nex

View to west from Quarters Barge of Unit 542 dredging near approximately Sta. 39+00.

View to southeast from Quarters Barge of GOM wave conditions at Sta. 77+60. Note calm to 1' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 10, 2006 | OBSERVATION REPORT NO: 16
OBSERVER: Brian Kendrick | CONTRACT DAY: 146
ARRIVAL TIME: 7:00 DEPARTURE TIME 22:00

WEATHER CONDITIONS: Partly Cloudy to sunny, warm, calm to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay calm to 1', GOM 1' to 2' SE. PM: Bay 1' to 1.5', GOM 2' to
WIND SPEED & DIR: AM: 5-10 Kts E PM: 10-15 Kts E
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging of primary dike.
STARTING STATION OF CANAL DREDGING: Sta. 35+50 @ 7:00 AM
ENDING STATION OF CANAL DREDGING: Sta. 32+50 @ 7:00 PM (worked night shift)
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location: Sta. 35+50 @ 7:00 AM to Sta. 32+50 @ 7:00 PM.	
11.	Were previously constructed dikes observed?	No
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 10, 2006 OBSERVATION REPORT NO: 16

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one (1) 40'x100' barge caring two (2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiff, one (1) ATV, one (1) tugboat "Capt. John" and one (1) 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Gary Johnson, Tim Vestal, one cook, two (2) laborers and two survey crew.

3. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket was dredging for the primary dike at approximately Sta. 35+50 at 7:00 AM and was at approximately Sta. 32+50 at 7:00 PM. No unmarked, abandoned flowlines where encountered during the day or night shift.

4. One (1) WMI marsh buggy backhoe was not used today and stationed next to the Quarters Barge. The second marsh buggy along with Unit 419 was relocated to Sta. 92+12. The marsh buggy backhoe was unloaded from the barge and remained at this location.

5. Observed water elevation at +1.2' NAVD at 7:00 AM at a new temporary tide gauge set by WMI at approximately Sta. 40+00 in the primary dike borrow area.

6. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site.

7. Observed WMI survey crew obtaining coordinates for the realignments presented in RFI Number 3 and on the beach.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I met with Gary Johnson (WMI), Tim Vestal (WMI) and David Johnson (WMI) at 8:00 AM to discuss the status of the RFI. The survey crew was to obtain primary dike realignment coordinates for RFI items 2 and 3 so that the RFI could be sent out. I sent out the RFI to the project team at approximately 11:00 AM via e-mail.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 10, 2006 OBSERVATION REPORT NO: 16

2. I met with Gary Johnson (WMI) at 12:01 PM regarding the discrepancies in the C&C marsh survey. Gary Johnson requested from CPE if they had any profiles of the C&C marsh survey overlain with the 2004 survey. Gary did not have them on site and the Covington office was slow in responding to getting him this information. I forwarded Gary's request to Gordon Thomson (CPE) via cell phone. Gary also indicated that C&C stated they had 100 of the 142 beach profiles completed. Gary requested C&C to provide the survey data and preliminary profiles to CPE as soon as possible which is expected around 4/14/06. Gary stated that C&C's survey craft (Seadoo) is being repaired and will be out late this week, barring any bad weather conditions.

3. I called Rachel Sweeney (NOAA), Jason Manthey (NOAA) and Gordon Thomson (CPE) to discuss the progress of today's work.

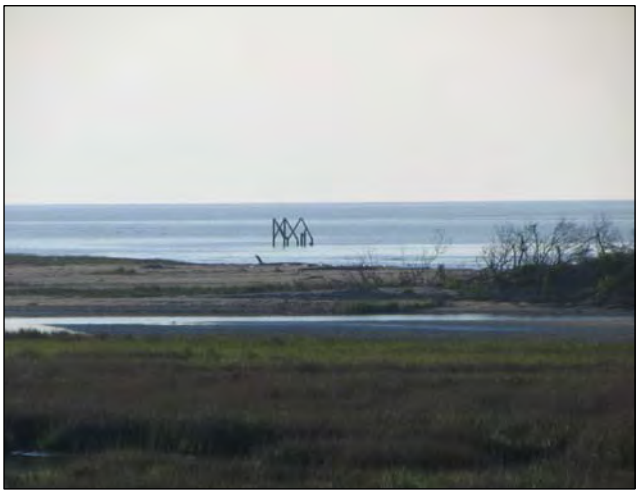
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to west from Quarters Barge of Unit 542 dredging primary dike near Sta. 35+50.

View to west from Unit 542 of primary dike, lift 1 near Sta. 35+50.

View to east from Unit 542 at primary dike (left) and borrow area towards Sta. 54+00 and Quarters Barge.



View to southeast from Quarters Barge of GOM wave condition at Sta. 77+60. Note calm to 1' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 11, 2006 | OBSERVATION REPORT NO: 17
OBSERVER: Brian Kendrick | CONTRACT DAY: 147
ARRIVAL TIME: 7:00 DEPARTURE TIME 22:00

WEATHER CONDITIONS: Partly Cloudy to sunny, warm, moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1' to 1.5', GOM 2' to 3' SE. PM: Bay 1' to 1.5', GOM 2' to 3' SE.
WIND SPEED & DIR: AM: 10-15 Kts E PM: 10-15 Kts E
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging of primary dike. Marsh buggy Sta. 140+51.
STARTING STATION OF CANAL DREDGING: Sta. 29+50 @ 7:00 AM. MB2: Sta. 140+51 (-140') @ 5:00 PM.
ENDING STATION OF CANAL DREDGING: Sta. 25+50 @ 5:00 PM. MB2: Sta. 140+51 (-175') @ 7:00 PM.
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location: Unit 542: Sta. 29+50 to Sta. 25+50. MB2: Sta. 140+51 (-140 to -175 fr	
11.	Were previously constructed dikes observed?	N/A
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 11, 2006 OBSERVATION REPORT NO: 17

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A	
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	No	
27.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No	
29.	Has required coordination with utility operators occurred?	Yes	
30.	Was work performed today on canal closures?	No	
31.	Have any settlement plates been installed today?	No	(See Item 8)
32.	Did any other work activities of note occur today?	No	
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one (1) 40'x100' barge caring two (2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiff, one (1) ATV, one (1) tugboat "Capt. John" and one (1) 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Gary Johnson, Tim Vestal, one cook, two (2) laborers and two survey crew.

3. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket was dredging for the primary dike at approximately Sta. 29+50 at 7:00 AM and was at approximately Sta. 25+50 at 5:00 PM. Unit 542 will be working the night shift.

4. WMI marsh buggy backhoe #1 was not used today and is stationed at Sta. 54+00. WMI marsh buggy backhoe #2 began tracking from the offload point at Sta. 92+12 and W Canal to the beach at Sta. 122+00, down the beach to Sta. 140+51 then northward to the beginning of the primary marsh dike at approximately -140' from the baseline. MB2 began excavating at -140' at 5:00 PM and stopped at -175' from the baseline at 7:00 PM.

5. Observed water stage at +1.7' NAVD at 10:30 AM at new temporary gauge set in the borrow area near Sta. 40+00.

6. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site. One contract airboat and operator on-site for WMI survey crew.

7. Hunt Petroleum representatives Tom Lee and Gerald Tompkins were on site from11:30 AM to 12:30 PM to met with Gary Johnson and Ted Vestal regarding removal of O&G debris.

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8. I observed eight (8) settlement plates at 5:00 PM. The base plates measured 48"x48"x 1/4" thick galvanized steel with a 7'-5" long x 3" diameter schedule 40 galvanized steel pipe continuously welded to the base plate (which follows the specifications). The top of the extension had a galvanized steel female threaded sleeve attached. Eight extension pipes, 7'-5" x 3" diameter schedule 40 galvanized steel pipes, where measured with one end threaded and the other end having a welded galvanized steel cap (circumference weld with 3/8" hole at top of cap). All welds appeared to be hot dipped.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I met with Gary Johnson (WMI), Ted Vestal (WMI), Tom Lee (Hunt) and Gerald Tompkins (Hunt) to discuss removal of the O&G debris and work conditions along the east end of the island. Gerald stated that WMI can cross the active Hunt flowline at Sta. 140+51 (at baseline) with the marsh buggy but should not use the bucket to help move when crossing. Gerald also indicated that a Hunt barge will be on site in two to three days to remove the O&G debris (cut flowlines) and remove it from the site.

2. I received a phone call from Ken Babin (Hunt) to discuss an e-mail sent 3/24. Ken requested that WMI not cover the flowline riser on the beach at Sta. 132+00. He also stated that he prefers not to cut any additional pipe in flotation canal presented in the proposed realignment under RFI #3, Item 2.

3. A project team conference call was held from 1:30 PM to 3:00 PM with Jason Manthey (NOAA), Rachel Sweeney (NOAA), Gordon Thomson (CPE) and Brian Kendrick (CPE). Items discussed included progress of the project, bi-weekly meeting agenda items, communications, and RFI#3.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to west from Unit 542 dredging primary dike near Sta. 29+20.

View of 48"x48" settlement plates with 3" diameter, schedule 4 galvanized steel pipe.

CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: April 11, 2006 OBSERVATION REPORT NO: 17

View of 3" diameter, schedule 40 galvanized steel settlement plate extension pipes.

View to southeast from Quarters Barge of GOM wave condition at Sta. 77+60. Note 2' to 3' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 12, 2006 | OBSERVATION REPORT NO: 18
OBSERVER: Brian Kendrick | CONTRACT DAY: 148
ARRIVAL TIME: 6:00 DEPARTURE TIME 23:00

WEATHER CONDITIONS: Partly Cloudy to sunny, warm, moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1' to 1.5', GOM 1.5' to 2.5' SE. PM: Bay 1' to 1.5', GOM 2
WIND SPEED & DIR: AM: 5-10 Kts E PM: 10-15 Kts E
TEMPERATURE: 70 - 75 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Bucket dredging of primary dike. Marsh buggy Sta. 140+51.
STARTING STATION OF CANAL DREDGING: Sta. 24+50 @ 8:00 AM. MB2: Sta. 140+51 (-175') @ 7:30 AM.
ENDING STATION OF CANAL DREDGING: Sta. 22+50 @ 10:00 PM. MB2: Sta. 140+51 (-450') @ 6:00 PM.
FILL AREA EXTENDS TO STATION: _____

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location: _____

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location 1: Unit 542: Sta. 24+50 to Sta. 22+50. Unit 542 down with mechanical problems.
    Location 2: Marsh Buggy #2: Sta. 140+51 (-175 from B/L) to Sta. 140+51 (-450 from B/L).
11. Were previously constructed dikes observed? — Yes (See Item 4)
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — No
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at: _____
19. The measured width of the constructed berm was _____
20. Are escarpments being leveled? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 12, 2006 OBSERVATION REPORT NO: 18

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
29.	Has required coordination with utility operators occurred?	Yes
30.	Was work performed today on canal closures?	No
31.	Have any settlement plates been installed today?	No
32.	Did any other work activities of note occur today?	No
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one (1) 40'x100' barge caring two (2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiff, one (1) ATV, one (1) tugboat "Capt. John" and one (1) 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Gary Johnson (offsite @ 3:00 PM), Tim Vestal, one cook, two (2) laborers and two survey crew.

3. WMI Unit 542 w/ Manitowoc 4600 S1 Crane w/ 140' boom and 6 cyd clamshell bucket was dredging for the primary dike at approximately Sta. 24+50 at 8:00 AM and was at approximately Sta. 22+50 at 10:00 PM. Unit 542 encounter mechanical problems with the spud drum and was shut down at 10:00 PM.

4. WMI marsh buggy backhoe #1 was not used today and is stationed at Sta. 54+00. WMI marsh buggy backhoe #2 resumed excavating for primary dike at Sta. 140+51 (-175' from baseline) at 8:00 AM and completed to Sta. 140+51 (-450' from baseline) at 6:00 PM. The borrow material was very saturated and has low strength. A maximum crest elevation of +3' to +4' NAVD was achieved with the first lift and a second lift will be required. The operator placed the material within the dike footprint and never tracked outside the project footprint. See Items Discussed (#1) below.

5. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site. One contract airboat and operator was on-site for the WMI survey crew. The WMI survey crew was staking out intermediate points (every 100') along the oil infrastructure access canal.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 12, 2006 OBSERVATION REPORT NO: 18

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I met with Tim Vestal (WMI) to discuss the low elevation of the primary dikes under construction at Sta. 140+51. Tim indicated that they will continue towards Sta. 135+00, then add with a second lift after the material has dried to increase the dike elevation.

2. I received phone call from Gordon Thomson (CPE) requesting primary dike profile data from WMI between Sta. 54+00 and Sta. 22+50. It was decided that CPE will hold off on the request until the last lift is placed.

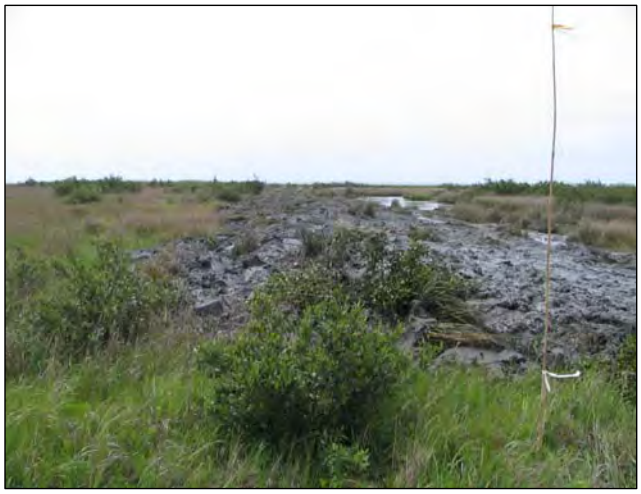
3. I spoke with Jason Manthey (NOAA) and Rachel Sweeney (NOAA) to inform them of the progress of the project.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to west from Unit 542 dredging primary dike near Sta. 23+00.

View to south from skiff at Sta. 140+51 of primary dike, lift 1 towards baseline.



View to south from skiff at Sta. 140+51 of primary dike, lift 1 at -450' off baseline. Dike El at +3.5' NAVD.

View to southeast from Quarters Barge of GOM wave conditions at Sta. 77+60. Note 1' to 1.5' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 13, 2006 | OBSERVATION REPORT NO: 19
OBSERVER: Brian Kendrick | CONTRACT DAY: 149
ARRIVAL TIME: 6:00 DEPARTURE TIME 23:00

WEATHER CONDITIONS: Partly Cloudy to clear, sunny, warm, moderate to light winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1' to 1.5', GOM 1.5' to 2.5' SE. PM: Bay 1' to 1.5', GOM 2
WIND SPEED & DIR: AM: 10-15 Kts SE PM: 5-10 Kts E
TEMPERATURE: 75 - 80 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Construction of primary dike. Marsh buggy Sta. 140+51.
STARTING STATION OF CANAL DREDGING: Unit 542 down. MB2: Sta. 140+51 (-450') @ 7:30 AM.
ENDING STATION OF CANAL DREDGING: Unit 542 down. MB2: Sta. 138+00 @ 6:00 PM.
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location 1: Unit 542: Down due to mechanical problems.	
	Location 2: Marsh Buggy #2: Sta. 140+51 (-450 from B/L) to Sta. 138+00.	
11.	Were previously constructed dikes observed?	No
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes (See Item 4)

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 13, 2006 OBSERVATION REPORT NO: 19

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A	
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	No	
27.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No	
29.	Has required coordination with utility operators occurred?	Yes	
30.	Was work performed today on canal closures?	No	
31.	Have any settlement plates been installed today?	No	
32.	Did any other work activities of note occur today? Hunt picking up O&G debris. CPE bird survey of mid island.	Yes	(Items 6 & 7)
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one (1) 40'x100' barge caring two (2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 22' crewboat, two (2) 19' skiff, one (1) ATV, one (1) tugboat "Capt. John" and one (1) 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Tim Vestal, one cook, two (2) laborers and two survey crew.

3. Unit 542 still down due to mechanical problems with the spud drum. It moved from Sta. 22+50 at 1:00 PM to the W Canal so that Unit 419 could lift drum.

4. WMI marsh buggy backhoe #1 was not used today and is stationed at Sta. 54+00. WMI marsh buggy backhoe #2 resumed excavating for primary dike at Sta. 140+51 (-450' from baseline) at 7:30 AM and completed to Sta. 138+00 at 6:00 PM. Material now stacking between elevation +4.5' to +5.5' NAVD and may not need another lift.

5. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site. One contract airboat and operator was on-site for the WMI survey crew. The WMI survey crew was staking out intermediate points (every 100') along the oil infrastructure access canal. Airboat and operator off-site at 3:00 PM.

6. Hunt Petroleum representatives arrived in three (3) crewboats and one (1) motorized spud barge to remove O&G debris at Sites D & C. Hunt worked from 8:30 AM to 4:30 PM and left spud barge in W Canal.

7. I performed a bird survey of mid island between Sta. 48+00 to Sta. 107+00. No endangered species were observed.

8. Water elevation was observed at +1.1' NAVD at temporary staff set in borrow area near Sta. 26+00.

9. I observed a survey crew (T. Baker Smith?) working near the west end of the project either performing a magnetometer or hydrographic survey in the GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 13, 2006 OBSERVATION REPORT NO: 19

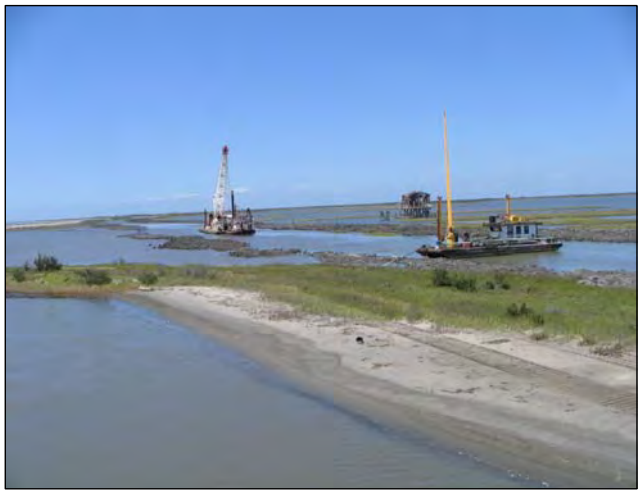
Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I met with Tim Vestal (WMI) and requested an as-built survey of the Robinson Canal dredging. Tim stated he'd send me the swing files and profile data tomorrow.

2. I spoke with Jason Manthey (NOAA) and Gordon Thomson (CPE) to inform them of the progress of the project.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.



View to west from Quarters barge of Unit 542 leaving and Hunt spud barge picking up O&G debris at Site D.

View to west from skiff of primary dike, lift 1 @ Sta. 138+00.

View to southwest from skiff of primary dike, lift 1 @ Sta. 138+00. Note: El. +5.5' NAVD.

View to southeast from Quarters Barge of GOM wave conditions at Sta. 77+60. Note 1.5' to 2.5' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 14, 2006 OBSERVATION REPORT NO: 20
OBSERVER: Brian Kendrick CONTRACT DAY: 150
ARRIVAL TIME: 7:00 DEPARTURE TIME 18:00

WEATHER CONDITIONS: Clear and sunny, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 0.5' to 1', GOM 0.5' to 1' SE. PM: Bay 1' to 1.5', GOM 1' t
WIND SPEED & DIR: AM: 0-5 Kts SE PM: 5-10 Kts S
TEMPERATURE: 75 - 85 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike, New Access Canal and one (1) settlement plate.
STARTING STATION OF CANAL DREDGING: Unit 542 down for repairs. MB2: Sta. 138+00 @ 7:30 AM.
ENDING STATION OF CANAL DREDGING: Unit 542 down for repairs. MB2: Sta. 136+00 @ 6:00 PM.
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location 1: Unit 542: Down due to mechanical problems.	
	Location 2: Marsh Buggy #2: Sta. 138+00 to Sta. 136+00.	
	Location 3: Unit 419: Sta. 93+50 to Sta. 95+00. New Access Canal @ W Canal.	
11.	Were previously constructed dikes observed?	No
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 14, 2006 OBSERVATION REPORT NO: 20

21.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A	
22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	No	
27.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No	
29.	Has required coordination with utility operators occurred?	Yes	
30.	Was work performed today on canal closures?	No	
31.	Have any settlement plates been installed today?	Yes	(See Item 5)
32.	Did any other work activities of note occur today?	No	
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one (1) two-story quarters barge, one (1) 40'x100' barge caring two (2) 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one (1) 25' crewboat "Walter W", two (2) 19' skiffs, one (1) ATV, one (1) tugboat "Capt. John" and one (1) 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Tim Vestal, one cook, two (2) laborers and two survey crew.

3. Unit 542 still down due to mechanical problems with the spud drum. It is located at Sta. 55+00 in W Canal so that Unit 419 could lift drum.

4. WMI marsh buggy backhoe #1 was not used today and is stationed at Sta. 54+00. WMI marsh buggy backhoe #2 resumed excavating for primary dike at Sta. 138+00 at 7:30 AM and completed to Sta. 136+00 at 6:00 PM. Material stacking to El. +5.5' NAVD.

5. MB2 and WMI survey crew installed settlement plate at Sta. 135+68 at 5:30 PM. MB2 side swiped the area to level off the ground surface, then the survey crew measured the ground surface elevation. After placement of the settlement plate, the top of plate elevation was measured. MB2 then placed a small amount of fill on the settlement plate and the extension pipe was installed. Elevations were then obtained on the base plate and top of pipe.

6. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site. The WMI survey crew was restaking the primary dike at Sta. 54+00 to Sta. 25+00 and installing the settlement plate at Sta. 135+68.

7. Hunt Petroleum representatives were not on site. Hunt's motorized spud barge is located at Sta. 68+00 in the W Canal.

8. Water elevation was observed at +1.1' NAVD at temporary staff set in borrow area near Sta. 26+00.

9. I observed a survey crewboat (T. Baker Smith?) leaving the east end of the island heading to Grand Isle.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 14, 2006 OBSERVATION REPORT NO: 20

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I met with Tim Vestal (WMI) to discuss the placement and surveying of the settlement plate. Elevations are to be taken at ground surface before placement and the top of plate and top of pipe after installation. Tim also delivered daily field reports and Robinson Canal swing data and profiles. Tim also indicated that the settlement plate will be in about 1' of water and asked if it needed to moved landward.

2. I spoke with Jason Manthey (NOAA) and Gordon Thomson (CPE) to inform them of the progress of the project. Gordon stated that the settlement plate should be placed in 1' of water per his conversation with Rachel Sweeney (NOAA).

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to northeast from skiff of Unit 419 dredging W Canal at Access Canal near Sta. 94+00.

View to southeast from skiff of primary dike, lift 1 near Sta. 137+08.

View to south from skiff of borrow (rework) area for primary dike near Sta. 137+08.

View to southeast from Quarters Barge of GOM wave conditions at Sta. 77+60. Note 1' to 1.5' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 15, 2006 | OBSERVATION REPORT NO: 21
OBSERVER: Brian Kendrick | CONTRACT DAY: 151
ARRIVAL TIME: 6:30 DEPARTURE TIME 17:00

WEATHER CONDITIONS: Partly cloudy and sunny, warm, moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1.5' to 2', GOM 2' to 3' S. PM: Bay 1.5' to 2', GOM 2' to 3'
WIND SPEED & DIR: AM: 10-15 Kts S PM: 10-15 Kts S
TEMPERATURE: 75 - 85 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike and New Access Canal.
STARTING STATION OF DREDGING: Unit 542 Sta. 22+50 @ 3:00 AM. Unit 419: Sta. 95+00 @ 8:00 AM.
ENDING STATION OF DREDGING: Unit 542 Sta. 19+50 @ 5:00 PM. Unit 419: Sta. 96+00 @ 5:00 PM.
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location 1: Unit 542: Sta. 22+50 to Sta. 19+50
    Location 2: Marsh Buggy #2: Not working - standby.
    Location 3: Unit 419: Sta. 95+00 to Sta. 96+00. New Access Canal.
11. Were previously constructed dikes observed? — No
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — No
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at:
19. The measured width of the constructed berm was
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 15, 2006 OBSERVATION REPORT NO: 21

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Oil Infrastructure Access Canal? Location: Sta 95+00 to 96+00	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
30.	Has required coordination with utility operators occurred?	Yes
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one two-story quarters barge, one 40'x100' barge caring two 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one 25' crewboat "Walter W", two 19' skiffs, one ATV, one tugboat "Capt. John" and one 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Tim Vestal, one cook, two (2) laborers and one (1) survey rodman.

3. Unit 542 completed repairs to the spud drum and resumed dredging for the primary dike at Sta. 22+50 at 3:00 AM. Unit 542 was at approximately Sta. 21+00 at 10:00 AM and Sta. 19+50 at 5:00 PM. The borrow material is stacking to El. +5.5' NAVD and the dredge is beginning to excavate faster as it reaches the remnants of the W Canal.

4. WMI marsh buggy backhoe #1 was not used today and is stationed at Sta. 54+00. WMI marsh buggy backhoe #2 was not used today and is stationed at Sta.136+00.

5. Unit 419 resumed dredging in the W Canal at approximately Sta. 95+00 at 8:00 AM and began excavating into the south bank of the W Canal and existing marsh at 11:00 AM. Unit 419 was at approximately Sta. 96+00 at 5:00 PM. Excavating was slow at the bankline due to the existing spoil bank, but became easier as marsh was exposed. The marsh material is highly saturated and a has very low soil strength. The marsh borrow material is stacking between elevations +2' and +3' NAVD. Unit 419 has a 1 cyd to 1.5 cyd clamshell bucket and is excavating the southern half of the access channel due to its short boom reach.

6. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site. The WMI survey crew restaked the primary dike from Sta. 43+00 to Sta. 25+00.

7. Hunt Petroleum representatives were not on site but a Hunt motorized spud barge is located at Sta. 68+00 in the W Canal.

8. Water elevation was observed at +1.4' NAVD near TBM at camp at 12:01 PM

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 15, 2006 OBSERVATION REPORT NO: 21

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I met with Tim Vestal (WMI) to discuss the work schedule for today. Unit 542 completed repairs and resumed excavating at 3:00 AM this morning. Tim stated that some portions of the primary dike constructed this morning was at EL +6' NAVD and asked if it would have to be degraded. Brian Kendrick stated that the specifications call for a maximum tolerance elevation of +5.5' NAVD. Tim stated that WMI would resume keeping the dike at +5.5' and would spread more material on the south side of the borrow area to a maximum El. of +2.5' NAVD.

2. I spoke with Gordon Thomson (CPE) to inform him of the progress of the project.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to west from Unit 542 dredging primary dike, lift 1 near Sta. 21+00. Note borrow material stacking to EL +5' to +6'

View to northeast from skiff of Unit 419 excavating new access canal near Sta. 95+00.

View to southeast from skiff of settlement plate install at Sta. 135+68.

View to southeast from Quarters Barge of GOM wave condition at Sta. 77+60. Note 2' to 3' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 16, 2006 | OBSERVATION REPORT NO: 22
OBSERVER: Brian Kendrick | CONTRACT DAY: 152
ARRIVAL TIME: 7:00 DEPARTURE TIME 19:30

WEATHER CONDITIONS: Partly cloudy and sunny, warm, moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1' to 2', GOM 3' to 4' S. PM: Bay 1' to 2', GOM 2' to 3' S.
WIND SPEED & DIR: AM: 15-20 Kts S PM: 10-15 Kts S
TEMPERATURE: 75 - 85 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike and New Access Canal.
STARTING STATION OF DREDGING: Unit 542 Sta. 19+52 @ 9:00 AM. Unit 419: Sta. 97+00 @ 9:00 AM.
ENDING STATION OF DREDGING: Unit 542 Sta. 15+50 @ 5:30 PM. Unit 419: Sta. 99+00 @ 5:30 PM.
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location 1: Unit 542: Sta. 19+52 to Sta. 15+50	
	Location 2: Marsh Buggy #2: Not working - standby.	
	Location 3: Unit 419: Sta. 97+00 to Sta. 99+00. New Access Canal.	
11.	Were previously constructed dikes observed?	No
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 16, 2006 OBSERVATION REPORT NO: 22

22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23	Are sand fencing operations being conducted?	No
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Oil Infrastructure Access Canal?	Yes
	Location: Sta 97+00 to 99+00	
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No
	Location: Task completed on 4/1/06.	
30.	Has required coordination with utility operators occurred?	Yes
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one two-story quarters barge, one 40'x100' barge caring two 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one 25' crewboat "Walter W", two 19' skiffs, one ATV, one tugboat "Capt. John" and one 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Tim Vestal, one cook, two (2) laborers and one (1) survey rodman.

3. Unit 542 was dredging for the primary dike at Sta. 19+52 at 9:00 AM and worked throughout the nightshift with little down time. Unit 542 was at approximately Sta. 15+50 at 5:30 PM. The borrow material is stacking to El. +5.5' NAVD and the dredge is beginning to excavate faster as it reaches the remnants of the W Canal.

4. WMI marsh buggy backhoe #1 was not used today and is stationed at Sta. 54+00. WMI marsh buggy backhoe #2 was not used today and is stationed at Sta.136+00.

5. Unit 419 resumed dredging in the W Canal at approximately Sta. 96+00 at 7:30 AM and was at approximately Sta. 99+00 at 5:30 PM. The marsh borrow material is highly saturated and has a very low soil strength. The marsh borrow material is stacking between elevations +2' and +3' NAVD. Unit 419 has a 1 cyd to 1.5 cyd clamshell bucket and is excavating the southern half of the access channel due to its short boom reach.

6. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site. The WMI survey crew staked the primary dike from Sta. 63+00 to Sta. 73+00.

7. A Hunt Petroleum representative in a crewboat visited the borrow area near Unit 542 for approximately 10 minutes then left. The Hunt motorized spud barge is located at Sta. 68+00 in the W Canal.

8. Water elevations were observed at +1.4' and +1.1' NAVD near TBM at camp at 9:00 AM and 5:30 PM, respectively.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 16, 2006 OBSERVATION REPORT NO: 22

9. I performed a bird survey on the island from Sta. 48+56 to Sta. 150+19. I observed approximately 75 brown pelicans, approximately100 seagulls, and 10 white egrets. In addition, approximately50 terns were observed between Sta. 130+00 to Sta. 150+19. No bird nests were encountered during the survey.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I met with Tim Vestal (WMI) to discuss the work schedule for today. I reminded Tim Vestal of the governments response to RFI #3, Item 3 regarding the layout of the primary dike at Sta. 65+50.

2. I spoke with Gordon Thomson (CPE) to inform him of the progress of the project.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

View to west from Unit 542 dredging primary dike, lift 1 near Sta. 19+50. Note borrow material stacking to EL +5' to +6'

View to east from Unit 542 dredging primary dike, lift 1 near Sta 19+50.

View to east from skiff of Unit 419 dredging New Access Canal near Sta. 96+00.

View to southeast from Quarters Barge of GOM wave condition at Sta. 77+60. Note 2' to 3' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 17, 2006 | OBSERVATION REPORT NO: 23
OBSERVER: Brian Kendrick | CONTRACT DAY: 153
ARRIVAL TIME: 7:00 DEPARTURE TIME 19:30

WEATHER CONDITIONS: Partly cloudy and sunny, warm, moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1' to 2', GOM 2' to 3' S. PM: Bay 1' to 2', GOM 2' to 3' S.
WIND SPEED & DIR: AM: 10-15 Kts S PM: 5-10 Kts S
TEMPERATURE: 80 - 85 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike and oil infrastructure access canal.
STARTING STATION OF DREDGING: Unit 542 Sta. 12+00 @ 8:00 AM. Unit 419: Sta. 99+00 @ 8:00 AM.
ENDING STATION OF DREDGING: Unit 542 Sta. 10+00 @ 5:30 PM. Unit 419: Sta. 100+50 @ 5:30 PM.
FILL AREA EXTENDS TO STATION: _____

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location: _____	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: Unit 542: Sta. 12+00 to Sta. 10+00		
	Location 2: Marsh Buggy #1 & #2: Not working - on standby.		
	Location 3: Unit 419: Sta. 99+00 to Sta. 100+50. Oil infrastructure access canal.		
11.	Were previously constructed dikes observed?	Yes	(See Item 3)
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	(See Item 5)

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at: _____	
19.	The measured width of the constructed berm was _____	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location: _____	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 17, 2006 OBSERVATION REPORT NO: 23

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Oil Infrastructure Access Canal? Location: Sta 99+00 to 100+50	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
30.	Has required coordination with utility operators occurred?	Yes
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one two-story quarters barge, one 40'x100' barge caring two 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one 25' crewboat "Walter W", two 19' skiffs, one ATV, one tugboat "Capt. John" and one 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Gary Johnson, Tim Vestal, one cook, two (2) laborers and one (1) survey rodman.

3. Unit 542 was dredging for the primary dike, lift 1 at approximately Sta. 12+00 at 8:00 AM and had worked throughout the nightshift with little down time. Unit 542 was at approximately Sta. 10+00 at 5:30 PM when it reached an existing spoil area between Sta. 8+00 and Sta. 10+00. The borrow material was stacking to El. +5.5' NAVD. At 7:00 PM, Unit 542 started placing a second lift beginning at Sta. 54+50.

4. WMI marsh buggy backhoe #1 was not used today and is stationed at Sta. 54+00. WMI marsh buggy backhoe #2 was not used today and is stationed at Sta.136+00.

5. Unit 419 resumed dredging of the New Access Canal at approximately Sta. 99+00 at 7:30 AM and was at approximately Sta. 100+50 at 5:30 PM. The marsh borrow material is highly saturated and has a very low soil strength. The marsh borrow material is stacking between elevations +2' and +3' NAVD. Additional lifts will be required. Unit 419 has a 1 cyd to 1.5 cyd clamshell bucket and is excavating the southern half of the access channel due to its short boom reach.

6. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site. The WMI survey crew were laying out the primary dike along the west end of the project.

7. Hunt Petroleum representatives were not on site but a Hunt motorized spud barge is located at Sta. 68+00 in the W Canal.

8. Water elevations were observed at +1.4' and +1.1' NAVD near TBM at camp at 9:00 AM and 5:30 PM, respectively.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 17, 2006 OBSERVATION REPORT NO: 23

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I met with Gary Johnson (WMI) and Tim Vestal (WMI) to discuss the work schedule for today and RFI #3, Item 1. Tim Vestal showed us the primary dike realignment stakes as presented in RFI #3. The very west end of the primary dike is located in about 4 feet of water and WMI indicated that they would like to move the dike in again another 50'. I said that WMI should obtain the realignment points via survey and present them to the Project Team next Wednesday in an RFI. I reminded WMI of the need for establishing communications, weather station, stationing identification on the stakes and boat/ATV liability insurance for CPE.

2. I spoke with Gordon Thomson (CPE), Rachel Sweeney (NOAA) and Jason Manthey (NOAA) to inform them of the progress of the project. In addition, Rachel Sweeney (NOAA) suggested that NOAA should bring their bird boomers since the latest bird survey indicates a large increase over the past week.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. Yes. WMI to present RFI #4 on primary dike realignment.

View to west from Unit 542 dredging primary dike, lift 1 near Sta. 12+00. Note borrow material stacking to EL +2' to +3'

View to north from west end of island near Sta. 5+50 of primar dike alignment per RFI #3.

View to east from skiff of Unit 419 dredging New Access Canal near Sta. 99+50. Note borrow material stacking @ El. 2' to 3'

View to southeast from Quarters Barge of GOM wave condition at Sta. 77+60. Note 2' to 3' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 18, 2006 | OBSERVATION REPORT NO: 24
OBSERVER: Brian Kendrick | CONTRACT DAY: 154
ARRIVAL TIME: 6:30 DEPARTURE TIME 22:30

WEATHER CONDITIONS: Partly cloudy and sunny, warm, light to moderate winds.
ESTIMATED WAVE AND DIRECTION: AM: Bay 1' to 2', GOM 2' to 3' S. PM: Bay 0.5' to 1', GOM 1' to 2' S
WIND SPEED & DIR: AM: 10-15 Kts S PM: 0-5 Kts S
TEMPERATURE: 80 - 88 F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike and New Access Canal.
STARTING STATION OF DREDGING: Unit 542 Sta. 42+50 @ 6:30 AM. Unit 419: Sta. 100+50 @ 7:30 AM.
ENDING STATION OF DREDGING: Unit 542 Sta. 29+00 @ 5:30 PM. Unit 419: Sta. 102+00 @ 5:30 PM.
FILL AREA EXTENDS TO STATION:

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: Unit 542: Sta. 42+50 to Sta. 29+00, Second Lift.		
	Location 2: Marsh Buggy #1 & #2: Not working - on standby.		
	Location 3: Unit 419: Sta. 100+50 to Sta. 102+00. New Access Canal.		
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	(See Item 5)

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 18, 2006 OBSERVATION REPORT NO: 24

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	No
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	No
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of Oil Infrastructure Access Canal? Location: Sta 100+50 to 102+00	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location: Task completed on 4/1/06.	No
30.	Has required coordination with utility operators occurred?	Yes
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Equipment: Unit 542 with Manitowoc crane w/ quarters barge, one two-story quarters barge, one 40'x100' barge caring two 325B Cat Wilco marsh buggies (short arm), Unit 418 with Linkbelt crane on 40' x 100' spud barge, one 25' crewboat "Walter W", two 19' skiffs, one ATV, one tugboat "Capt. John" and one 45' crewboat "Bayou Princess".

2. WMI Personnel: Two crane operators w/ crew of four, Gary Johnson, Tim Vestal, one cook, two (2) laborers and two (2) survey rodman.

3. Unit 542 was dredging for the primary dike, lift 2 at approximately Sta. 42+50 at 6:30 AM and had worked throughout the nightshift with little down time. Unit 542 was at approximately Sta. 29+00 at 5:30 PM. The borrow material was stacking to El. +5.5' NAVD during the second lift. Some of the primary dike was still between +4 to +5.5' NAVD after placement of the second lift, particularly in open water areas. A third lift will be required to achieve the required elevation in these areas.

4. WMI marsh buggy backhoe #1 was not used today and is stationed at Sta. 54+00. WMI marsh buggy backhoe #2 was not used today and is stationed at Sta.136+00.

5. Unit 419 resumed dredging of the New Access Canal at approximately Sta. 100+50 at 7:30 AM and was at approximately Sta. 102+00 at 5:30 PM. The marsh borrow material is highly saturated and has a very low soil strength. The marsh borrow material is stacking between elevations +2' and +3' NAVD. Additional lifts will be required. Unit 419 has a 1 cyd to 1.5 cyd clamshell bucket and is excavating the southern half of the access channel due to its short boom reach.

6. WMI subcontract surveying consultants, C&C and Fenstemaker were not on site. The WMI survey crew were laying out the primary dike along the west end of the project. Two T. Baker Smith pontoon crewboats where seen in the GOM at 3:00 PM.

7. Hunt Petroleum representatives were not on site but a Hunt motorized spud barge is located at Sta. 68+00 in the W Canal.

8. Water elevation was observed at +1.6' NAVD near TBM at camp at 2:00 PM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 18, 2006 OBSERVATION REPORT NO: 24

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. During a site visit Gary Johnson (WMI) told me that he thinks that the oil infrastructure access canal borrow material may not be enough to complete the closures and that WMI will put in a RFI to realign the primary dike (outward) between Sta. 121+16 and Sta. 124+40.

2. I met with Gary Johnson (WMI) and Tim Vestal (WMI) to discuss the work schedule for today and proposed RFI #4. Tim Vestal will provide coordinates for all remaining realignment points via survey and present them to the Project Team during the bi-weekly meeting. I again reminded WMI of the need for establishing communications, weather station, stationing identification on the stakes and boat/ATV liability insurance for CPE.

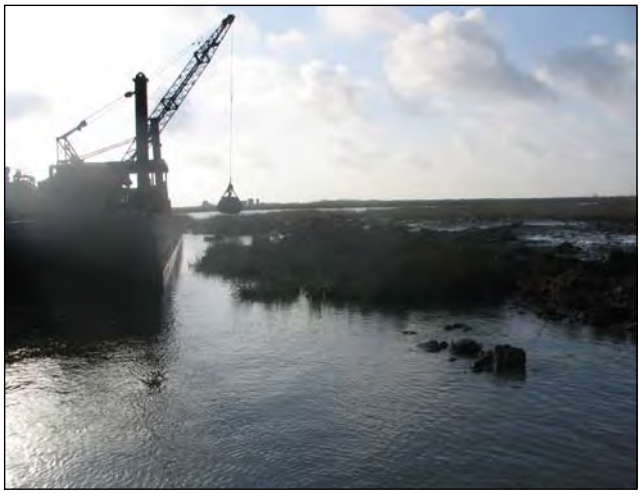
3. I spoke with Gordon Thomson (CPE) and Rachel Sweeney (NOAA) to inform them of the progress of the project. In addition, Rachel Sweeney (NOAA) stated she is bring out the bird boomers to the site tomorrow. Gary Johnson stated that WMI would pay for the propane and cylinders required to operate the equipment.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. Yes. WMI to present RFI #4 on primary dike realignment.

View to northwest from skiff of primary dike, lift 1 near Sta. 10+00. Note tie-in into existing spoil bank.

View to northwest from quarters barge near Sta. 52+0 of primary dike, Lift 2.



View to east from skiff of Unit 419 dredging New Access Canal near Sta. 100+50. Note borrow material stacking @ El. 2' to 3'

View to southeast from Quarters Barge of GOM wave condition at Sta. 77+60. Note 2' to 3' waves in GOM.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 19, 2006 | OBSERVATION REPORT NO: 25
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 155
ARRIVAL TIME: 8:25 DEPARTURE TIME 10:45

WEATHER CONDITIONS:	Clear and Sunny
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM SE 1'-2', Bay Flat
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	80°-85° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 419 near Station 102+00
ENDING STATION OF CANAL DREDGING:	No Observation
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Discussion #7
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Discussion #10
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	Discussion #10

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: Unit 542 between Station 53+40 and Station 58+23		
	Location 2: Unit 419 near Station 102+00		
11.	Were previously constructed dikes observed?	Yes	Observation #2
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 19, 2006 OBSERVATION REPORT NO: 25

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 418 - near Station 102+00.	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I performed a site observation with Gordon Thomson (CPE), Brian Kendrick (CPE), Jason Manthey (NOAA), Rachel Sweeney (NOAA), Gary Johnson (WMI), and Tim Vestal (WMI). The site visit included observation of the primary dikes and the pre-construction environmental conditions (beach and marsh). A bird patrol between Station 135+00 and Station 150+00 was also performed. Following the observations and patrol the above mentioned participated in the bi-weekly meeting.

2. The primary dike observed west of Station 30+00 was approximately 25' wide at the crest. See discussion item #4.

3. The survey crew from C&C was observed on the marsh side of the existing headland. See discussion item #3.

4. Unit 542 was observed building dikes between Station 53+40 and Station 58+23.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that when constructing the dike in the oil infrastructure access canal the material used was runny. Gary stated that the material needs to dewater before the dikes can be shaped; once the material dries, marsh buggies can then be used to shape the dike. Gary feels that the runny material may become a problem when closing the existing canals. The canals are in deep water and will require a large volume of material (even more for the runny material) to close. Gary stated that if the marsh fill and canal closure material, located in the oil infrastructure access canal, is the consistency observed thus far it will not be sufficient to close the existing canals. Gary stated that removing better material from higher areas should help close the existing canals.

2. Gordon Thomson (CPE), Brian Kendrick (CPE), Jason manthey (NOAA), Rachel Sweeney (NOAA), Gary Johnson (WMI), Tim Vestal (WMI), and myself participated in the bi-weekly progress meeting. The following items were discussed in the meeting: Chaland-Robinson Canal access, pre-construction surveys, the status on the work that has been completed to date, daily quality control reports, specification requirements, the status on the correction of communication problems, review and discussion of the current construction schedule, the next hold point inspection and approximate schedule, the schedule for the next meeting, and bird patrol requirements. The items discussed in the bi-weekly progress meeting are discussed in greater detail within the bi-weekly progress meeting review.

3. Rachel Sweeney (NOAA) stated that bird surveys need to be completed twice daily as per the written specifications. In addition to noting the patrol time within the daily QA/QC, the patrol location also needs to be noted. Rachel stated that boomers will likely be used to prevent bird nesting and that boomer action will be advised through Jason Manthey (NOAA). Conditions (boomer intensity, patrol times, etc.) need to be changed regularly to keep birds away, otherwise the birds will become accustomed to the conditions.

4. The excess material observed west of Station 30+00 was discussed during the bi-weekly meeting (after all agenda items were discussed). Rachel Sweeney (NOAA) stated that the entire job balances volumetrically. Brian Kendrick (CPE) then mentioned that the excess material could be used to close the canal near Station 55+00. Noted in observation #2 and in discussion item #1.

5. Tony Delhomme (C&C) stated that it should take approximately two days to complete the 60 remaining lines (given good weather). Jason Manthey (NOAA) asked Gary Johnson (WMI) why C&C was not staying on the quarters barge to compete th surveys. Gary stated that he made the offer but C&C declined. Gary said that he would make the offer again.

6. C&C survey efforts were discussed with Gary Johnson (WMI). Gary stated that there has been many times when surveys could have been conducted but C&C stated that they could not. Gary gave an example: "There has been several days over the course of the project where strong north winds prevailed. C&C would call and state that they could not do the survey on that particular day due to the strong north winds. Although there were strong north winds, the survey areas remained glassy because of the marsh/dune protection, but open water conditions were rough."

7. I asked Gary Johnson (WMI) about the location of as-built drawings to assist in tracking WMI's progress. Gary stated that they do not have as-built drawings because nothing has been constructed.

8. Gary Johnson (WMI) submitted a hard copy of the Weekly Progress Meeting Minutes for April 19, 2006 (Number 17).

9. I asked Gary Johnson (WMI) to show me how to operate the skiff and give me a second tour of the project area so that I could perform solo observations. Gary informed me that he had to complete the bi-weekly meeting minutes before he forgot what was mentioned during the meeting and that he would take me later. I remained on stand-by and did not have a chance to perform a second observation.

10. Gary Johnson (WMI) informed me that the crew boat broke a propeller blade and is staying at the dock tonight waiting on repairs. The crew boat is expected to return tomorrow morning. I was unable to question Tim Vestal (WMI) about yesterdays electronic DQCR (Gary provided a hard copy). I will follow-up when he returns.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

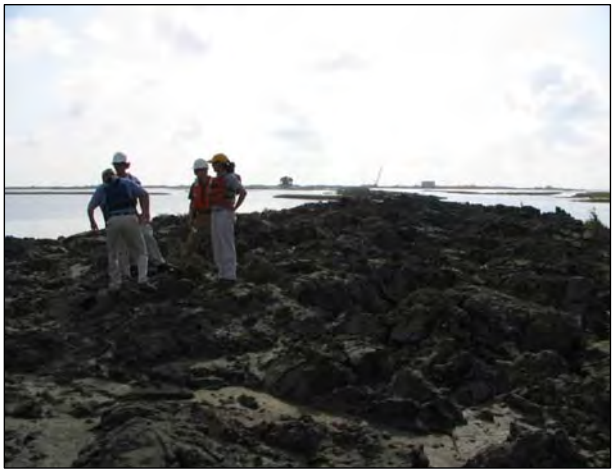
1. See discussion item #1.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 19, 2006 OBSERVATION REPORT NO: 25

Gulf of Mexico wave conditions.

Primary dike and excavated fill source west of Station 53+00.



Crest of the primary dike west of Station 45+00.

Side slope of the primary dike west of Station 45+00.

Unit 542 constructing the primary dike near Station 60+00.

Bird patrol between Station 135+00 and Station 150+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 20, 2006 | OBSERVATION REPORT NO: 26
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 156
ARRIVAL TIME: 10:30 | DEPARTURE TIME 12:30
13:30 | 16:00
17:00 | 18:30

WEATHER CONDITIONS: Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM SE 1'-2', Bay 0'-1'
WIND SPEED AND DIRECTION: SSW 0-5 mph increasing to SSW 5-10 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Station 92+12; Unit 418 - Station 99+38
ENDING STATION OF CANAL DREDGING: Unit 542 - Station 94+54; Unit 418 - Station 101+80
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Discussion #8
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	Discussion #8

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	Observation #3
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	Discussion #6
	Location 1: Unit 542 - between Station 58+23 and Station 63+08		
	Location 2: Unit 418 - between Station 99+38 and Station 101+80		
11.	Were previously constructed dikes observed?	Yes	Observation #8
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 20, 2006 OBSERVATION REPORT NO: 26

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
23	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location1: Unit 542 - between Station 92+12 and Station 94+54. Location2: Unit 418 - between Station 99+38 and Station 101+80.	Yes	
28.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
29.	Has required coordination with utility operators occurred?	N/A	
30.	Was work performed today on canal closures?	No	
31.	Have any settlement plates been installed today?	No	
32.	Did any other work activities of note occur today? Hunt was observed removing pipelines within the project footprint. See observation #3. C&C was observed performing hydrographic surveys. See observation #4.	Yes	
33.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #7

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I performed three observations today. The first observation was an overview of the entire project area with Gary Johnson (WMI) and JM Fail (WMI). The second observation, performed with Anthony (WMI), was to follow-up on resultant questions from the first observation. The third observation was to observe the anticipated primary dike construction near the quarters barge and to determine the amount of time needed to unload material from the completely loaded material barge.

2. Before the first observation, I attempted connecting the project laptop to the Telular system aboard the Quarters Barge to facilitate digital communications. After running into problems, I contacted Mark from Telular to ask questions regarding system set-up and access. Mark walked me through the set-up process. After setting-up the system, I attempted using the internet to email yesterdays observation report to Gordon Thomson (CPE) but was not successful The connections are correct, as specified on the back of the Telular users manual; either Cingular, the service provider, does not have GPRS capabilities in Chaland or an amplifier is needed. See discussion item #5.

3. Hunt was observed removing pipelines near Station 20+00 (10:30) and near Station 55+00 (13:30).

4. C&C was observed in the Gulf of Mexico performing hydrographic surveys near Station 72+00.

5. Unit 542 was observed loading the material barge with dredged material from the oil infrastructure access canal near Station 93+00. See discussion item #6.

6. Unit 418 was observed building the primary dike near Station 100+00. See discussion item #6.

7. I observed Unit 542 placing its final loads of dreged material onto the material transport barge. Just before the tug bagan moving the barge, I climbed up to the tug cockpit to observe the fill material. Staying with the tug captain during transport, I observed a localized plume around the base of the material barge; no overwash of material was observed.

8. I observed Unit 418 dredging the oil infrastructure access canal and building the primary dike near Station 100+50. The dike under construction at this location was observed to have a crest width of approximately 20'-25'. An apparent progress of at least 100' was observed. The color and moisture of the placed material provided the daily progress evidence.

9. Unit 542 and the material barge were staged near Station 60+00 at 17:00. At 18:30, Unit 542 finished unloading the material barge; a tug boat was observed moving the barge to its next fill station.

10. WMI now has a printer that is capable of printing 24" by 36" drawings. See discussion item #7.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I walked the beach with Gary Johnson (WMI) and JM Fail (WMI) at the western extent of the project footprint near Station 8+00. Gary and JM were discussing construction plans. Observation was made by WMI that it appeared that mud flats have been washed over by sand. WMI stated that it would be difficult to stage machinery on the soft surface. Gary and JM were discussing possible pipe layout routs and staging areas. WMI discussed filling east towards the breach; after filling in the breach the western toe would then be filled and the project would continue east.

2. Gary Johnson (WMI) and JM Fail (WMI) discussed clearing natural vegetation on the land mass west of the canal located near Station 75+00 for an equipment access road.

3. I walked the beach near Station 77+00 with Gary Johnson (WMI) and JM Fail (WMI) to inspect the location and depth of the live oil pipeline. Gary stated that T. Baker Smith was on-site yesterday probing and marking the location of the live oil pipeline. The live pipeline was determined to be approximately 6' to 6.5' below the sand surface. Gary and JM were searching for the highest ground to avoid the live pipeline.

4. Gary Johnson (WMI) and JM Fail (WMI) discussed the fluid material dredged from the oil infrastructure access canal. They were questioning the ability of the dried dredge material to close the canals. Gary does not feel that it will work but he plans on making an attempt. Gary and JM discussed several alternatives if the dredged material from the oil infrastructure access canal is not able to close the existing canals; Gary mentioned using material from the high grounds and JM mentioned using sheet-pile barriers to contain the dredged material to help close the canals.

5. I approached Gary Johnson (WMI) about the internet problems. Gary mentioned that he spoke with a Cingular representative and made certain that GPRS is available from our location. He added that he has ordered two amplifiers to help obtain a usable signal for internet access and that the ordered amplifiers should arrive in a few days. See observation #2.

6. I spoke with Tim Vestal (WMI) aboard Unit 542 and discussed dredge locations. Tim stated that Unit 542 excavated material between CG19 (Station 92+12) and CM38 (Station 94+54). Tim then stated that the material barge and Unit 542 are in the process of moving to build-up the primary dike between CG12 (Station 58+23) and CG13 (Station 63+08). I asked Tim about the status of Unit 418. Tim stated that Unit 418 has been dredging the oil infrastructure access canal and building the primary dike between CM40 (Station 99+38) and CG21 (Station 101+80).

7. Gary mentioned that the set-up disc provided for the new printer is corrupted and that new software needs to downloaded from the internet. See observation #10.

8. I spoke with Tim Vestal (WMI) regarding the 4/19 DQCR submittal. Tim stated that he will have it completed on Friday morning.

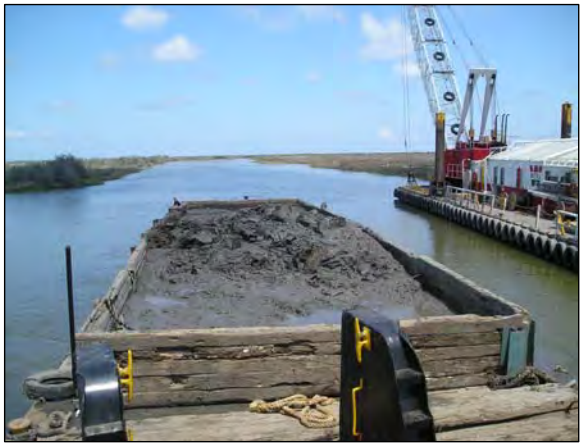
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. See observation #10.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 20, 2006 OBSERVATION REPORT NO: 26

Gulf of Mexico wave conditions.



Oil Infrastructure Access Canal dredged material.

Unit 418 primary dike construction near Station 100+00.

Unit 418 primary dike construction near Station 100+00.

Recovered Hunt pipelines.

Unit 512 primary dike construction near Station 60+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 21, 2006 | OBSERVATION REPORT NO: 27
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 157
ARRIVAL TIME: 8:00 | DEPARTURE TIME: 11:45
13:00 | 15:00
16:30 | 17:30

WEATHER CONDITIONS: Overcast
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM SE 1'-2', Bay 0'-1'
WIND SPEED AND DIRECTION: SE 10-15 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - 94+00; Unit 418 - 107+00
ENDING STATION OF CANAL DREDGING: Unit 542 - N/A; Unit 418 - N/A
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Discussion #2
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	Discussion #2

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Marsh grade staking near Station 53+50.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: Unit 542 - between Station 64+00 and Station 66+00.		
	Location 2: Unit 418 - near Station 107+00.		
11.	Were previously constructed dikes observed?	Yes	Observation #3
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 21, 2006 OBSERVATION REPORT NO: 27

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23.	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location1: Unit 542 - near Station 94+00. Location2: Unit 418 - near Station 107+00.	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today? Weeks was observed surveying lines CG14 (Station 67+91) and CG15 (72+75)	Yes
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I observed Unit 542 excavating at Station 64+00 in the oil infrastructure access canal. They were loading the barge with material and transporting it to Station 65+00 where it was unloaded to construct the primary dike.

2. I observed an ATV, used for bird patrols, near Station 76+00 that was out of gas.

3. I observed Unit 418 dredging the oil infrastructure access canal and building the primary dike near Station 107+00. The dike under construction at this location was observed to have a crest width of approximately 20'.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the survey status. Gary mentioned that an air-boat was to come out to the project site to help survey the marsh areas. On the way to the project site, the air-boat ran into engine problems and then sank. The air-boat was then lifted out of the water by an oil company and was brought to their oil rig. The air-boat captain left the broken air-boat and met Gary at Grand Isle. When going to pick-up the air-boat to tow back to the Quarters Barge, the air-boat captain could not remember which oil rig was temporarily holding the air-boat. Gary returned to the Quarters Barge and the air-boat captain went searching with the crew boat captain for the missing air-boat. Gary mentioned that survey will have to wait until tomorrow to complete.

2. I received WMI DQCR reports for 4/19 and 4/20.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 21, 2006 OBSERVATION REPORT NO: 27

Gulf of Mexico wave conditions.

WMI survey crew preparing to survey profile lines CG14 (Station 67+91) and CG15 (72+15).

Unit 542 dredging the oil infrastructure access canal near Station 94+00 and placing the dredged material in the material barge for transport.

Unit 542 constructing the primary dike near Station 64+00 with the transported dredge material.

Unit 542 constructing the primary dike near Station 60+00.

WMI surveyors performing beach/marsh surveys near Station 73+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 22, 2006 | OBSERVATION REPORT NO: 28
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 158
ARRIVAL TIME: 8:00 DEPARTURE TIME: 12:30
13:45 17:15

WEATHER CONDITIONS: Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM SE 1'-2', Bay 0'-1'
WIND SPEED AND DIRECTION: NNE 0-5 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - N/A; Unit 418 - 107+00
ENDING STATION OF CANAL DREDGING: Unit 542 - N/A; Unit 418 - 107+00
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Discussion #8
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	Discussion #8

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Observation #5
	Location: Marsh grade staking between Station 9+84 and Station 34+04.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: Unit 542 - near Station 90+00.		
	Location 2: Unit 418 - near Station 107+00.		
	Location 3: Unit 542 - near Station 55+00.		
11.	Were previously constructed dikes observed?	Yes	Observation #1
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 22, 2006 OBSERVATION REPORT NO: 28

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23.	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 418 - near Station 107+00.	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today? C&C was observed performing offshore surveys near Station 105+00.	Yes
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I observed the primary dike near Station 102+00. While the dike material appeared dry, I was unable to walk on the dike. The primary dike between Station 97+00 and Station 107+00 was approximately 50' wide.

2. I observed marsh grade stakes being placed at Station 9+84. The marsh grade stakes were marked with three different color bands: orange was used to identify the grade stakes, white signifies the design grade, and the upper and lower tolerances were delineated in blue. See discussion item #2.

3. I observed Gary Johnson (WMI) leave for the mainland LA at 13:00. See discussion item #3.

4. When returning to check the marsh grade stakes for specification compliance, I observed WMI placing marsh grade stakes at Station 24+36 that adhere to compliance and have the following marking scheme: grade stakes are marked in orange, white signifies the design grade, and the upper and lower tolerances are marked in pink and blue respectively. Grade stakes placed west of Station 29+20 have not yet been changed to meet Technical Provision 36.3. See discussion item #4.

5. Six primary marsh lines were staked between Station 9+84 and Station 34+04. Marsh grade stakes at Station 9+84 and Station 14+98 were marked with an orange marker, the design grade was marked with white, and both the upper and lower tolerances were marked with blue. Marsh grade stakes placed on the primary lines between Station 19+32 and Station 34+04 were marked in orange, with the design grade marked in white, and the upper and lower tolerances marked in pink and blue respectively.

6. Marsh grade stakes placed on the dune between Station 9+84 and Station 34+04 had only a grade stake marker and design grade marker. See discussion item #5.

7. I observed Unit 542 unloading dredged marterial from the material barge near Station 55+00.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 22, 2006 OBSERVATION REPORT NO: 28

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I asked the swing operator on Unit 418 about the daily progress. He informed me that they have made approximately 30' of progress today. He continued to add that the lack of progress was due to the dredge not working properly.

2. I spoke with Nate Johnson (WMI, Project Engineer) regarding the marsh grade stakes. Nate informed me that all grade stakes will be market with orange glow, design grade will be marked in white, and the upper and lower limits will be marked in blue. Technical Provision 36.3 states that "grade stakes shall have the minimum and maximum tolerance elevation delineated in non-identical colors." I pointed out this Technical Provision to Nate. Nate stated that he will adhere to the technical provisions and change the marking scheme on the placed marsh grade stakes and will mark others according to the specifications. Nate then informed me that the design grade will be marked in white, the minimum tolerance in blue, the maximum tolerance in pink, and the grade stake in orange.

3. When Gary Johnson (WMI) left for the mainland, I asked him when he would return. Gary stated that he will be returning on Monday (4/23/06). After Gary left, I asked around and questioned who was in charge since Tim Vestal (WMI) was also abscent. After asking several workers who stated that they did not know, Nate Johnson (WMI) stated that he is the Project Engineer and that he assumes that he is in charge until Gary comes back. After speaking with Nate, I called Gordon Thomson (CPE) to inform him of Gary's absence. Gordon asked me to call Jason Manthey (NOAA). Jason stated that it is not a problem that Gary left, but the superintendant needs to make sure everyone knows the chain of command in his absence. Jason then said that he would contact Gary and Tim to determine the chain of command in their absence and that he would get back to me with an answer later or would leave a message on the project cell phone. I did not hear back from Jason on this day.

4. I asked Nate Johnson (WMI) when the previously placed grade stake markers would be changed to comply with Technical Provision 36.3. He stated that he would make necessary changes when going back to place the intermediate marsh grade stakes. Nate said that their conduit is only 10' long and that the WMI survey crew is unable to place grade stakes in the center of the dredged canal near the western edge of the project. He said that only one 100' interval is missing at various stations near this location, but once WMI starts pumping mud, the missing stakes can then be placed. Nate anticipates that this trend will follow through the rest of the canal.

5. I spoke with Nate Johnson (WMI) about the grade stakes that show only the grade stake marker and the design grade marker. Nate stated that this area is already to grade and needs no material, hence the single grade marker without tolerances shown.

6. Since I was unable to observe the origin of the material on the material barge, I spoke with George (WMI) about today's operations. George stated that all material on the material barge came from the new oil infrastructure access canal. He said that 4 trips were made today. The first three trips were to Station 90+00 and the last trip was to Station 55+00. The first three trips were not made to Station 55+00 due to the low tide.

7. I spoke with the Unit 418 spud operator to determine todays dredge status. He informed me that little to no progress was made due to equipment problems. He continued to add that Unit 418 will be down for service until Tuesday.

8. I asked WMI employees aboard the Quarters Barge about the WMI daily quality control reports. Gary Johnson (WMI) and Tim Vestal (WMI) were not on-site and nobody else seemed aware of this requirement.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

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CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: April 22, 2006 OBSERVATION REPORT NO: 28

Unit 542 unloading the material barge and constructing the primary dike near Station 90+00.

Unit 542 unloading the material barge and constructing the primary dike near Station 55+00.

The WMI survey crew placing marsh grade stakes on profile line CG2 (Station 9+84).

The WMI survey crew placing marsh grade stakes, with both upper and lower tolerances delineated in identical colors, on profile line CG3 (Station 14+98).

Marsh grade stake markers with tolerance delination corrected per Technical Provision 36.3.

C&C performing offshore hydrographic surveys in the Gulf of Mexico near Station 105+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 23, 2006 | OBSERVATION REPORT NO: 29
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 159
ARRIVAL TIME: 8:30 DEPARTURE TIME: 12:30
13:00 14:30
19:00 20:00

WEATHER CONDITIONS: Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM SE 0'-1', Bay Flat
WIND SPEED AND DIRECTION: NE 0-5 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - 96+96
ENDING STATION OF CANAL DREDGING: Unit 542 - N/A
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — No
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — No

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location 1: Unit 542 - near Station 63+08.
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at:
19. The measured width of the constructed berm was:
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 23, 2006 OBSERVATION REPORT NO: 29

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23.	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - near Station 96+96.	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	Yes
33.	Did any other work activities of note occur today? C&C was observed performing offshore surveys near Station 120+00.	Yes
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I observed the WMI survey crew changing marsh grade stake marker colors between Station 9+84 and Station 24+36 to meet the specifications outlined in Technical Provision 36.3. The survey crew was also observed checking the elevation of the assumed tie-in markers. See discussion item #1.

2. I observed a marsh settlement plate on the marsh side of the primary dike at Station 63+08 that is not on the centerline of the primary dike. Later today, the WMI repositioned the settlement plate correctly as per Technical Provision 33.4.

3. I observed Unit 542 dredging near Station 96+96 to widen the oil infrastructure access canal. The dredged material was placed on the material barge and brought to Station 63+08 where Unit 542 unloaded the material to construct the primary dike on the southeast side of the existing canal.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nate Johnson (WMI) about the single grade marker observed on the marsh grade stakes near Station 9+84. Nate mentioned that these are "tie-in" markers and are known as no-fill areas. Nate mentioned no tolerance is shown on these "tie-in" markers because the present elevation is above the upper tolerance of the design marsh fill.

2. I spoke with Nate Johnson (WMI) and the WMI survey crew regarding bird patrols. The survey crew mentioned various people within WMI were performing the bird patrols. I stated that the bird patrols need to be completed twice daily so that migratory birds can be identified, but moreover the birds need to know that there is a human presence on the island.

3. I spoke with Nate Johnson (WMI) regarding grade stake settlement and the required markings on the placed grade stakes. Nate mentioned that the grade markers melt onto the grade stakes and will not move if they subside. Nate added that the placed markers with marked design grades will be re-checked in 30 days for subisdence.

DATE: April 23, 2006 OBSERVATION REPORT NO: 29

4. I spoke with Ted Vestal (WMI) about the misplaced settlement plate at Station 63+08. Ted stated that he would find someone to reposition the settlement plate correctly, per Technical Provision 33.4, so that it is in the centerline of the primary dike at its installation location.

5. I asked George (WMI) why Unit 542 stopped operating. George stated that the tug boat is inoperableat this moment and most likely blew a gasket. George added that a mechanic will be on-site tomorrow morning at 7:00 to check the tug. Unit 542 needs the tug to move around the project site so is limited in the work that can be performed.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. None.

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CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: April 23, 2006 OBSERVATION REPORT NO: 29

The survey crew was observed changing marker colors between Station 9+84 to adhere to Technical Provision

C&C performing offshore hydrographic surveys in the Gulf of Mexico near Station 120+00.

The misplaced settlement plate on profile line CG13 (Station 63+08).

Unit 542 widening the oil infrastructure access canal and filling the material barge with the dredged material near Station 96+96.

Unit 542 constructing the primary dike from the tranported dredged material near Station 63+08.

Settlement plate on profile line CG13 (Station 63+08) placed correctly to adhere to Technical Provision 33.4.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 24, 2006 | OBSERVATION REPORT NO: 30
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 160
ARRIVAL TIME: 11:45 DEPARTURE TIME: 16:45

WEATHER CONDITIONS: Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: SSE 0'-1', Bay: Flat
WIND SPEED AND DIRECTION: SE 0-5 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: No construction today. See observation #1.
STARTING STATION OF CANAL DREDGING:
ENDING STATION OF CANAL DREDGING:
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Discussion #4
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	Discussion #4

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #3
	Location: Marsh grade staking between Station 34+04 and Station 43+72.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 24, 2006 OBSERVATION REPORT NO: 30

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23.	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	N/A
32.	Have any settlement plates been installed today?	N/A
33.	Did any other work activities of note occur today? C&C filled in gaps east of Station 150+00 and west of Station 15+00.	Yes
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The Quarters Barge electricity failed around 0:05 this morning. The crew boat picked-up mechanics to fix both the tug and the quarters barge this morning. The mechanics arrived at the Quarters Barge at 11:30.

2. I was unable to use the fax this morning, due to lack of electricity, to send Gordon Thomson (CPE) this past weekends observation reports. I left a message on Gordon's answering machine stating the electrical problem and associated communication defficiencies.

3. No skiff was available to conduct the morning observation. See discussion item #1.

4. I performed a bird patrol between Station 112+00 and Station 155+00 at 13:00. I performed a second bird patrol between Station 64+00 and Station 106+00 at 16:00. No bird nests were observed on either patrol.

5. I did not observe an ATV on the east side of the island between Station 112+00 and Station 155+00.

6. A WMI ATV, with a full tank of gas, was observed near Station 73+00.

7. No construction was performed today as Unit 418 and the tug were down for repairs.

8. I did not observed C&C surveying today, although Tony Delhomme (C&C) was on-site.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) regarding the lack of transportation for construction observations. Gary stated that his personal skiff is in the shop but will be availabletomorrow when he returns. Gary said that this skiff will be for the observer and his use only.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 24, 2006 OBSERVATION REPORT NO: 30

2. I spoke with Tony Delhomme (C&C) regarding C&C's survey progress. Tony stated that all hydrographic survey ranges were completed yesterday. Tony added that all gaps have been filled east of Station150+00 and west of Station 15+00; C&C ran a total of 17 complete lines with the required 50-foot overlap today. Tony stated that they need an airboat to complete the busted lines and that he was told WMI surveyors would help C&C complete these lines. Tony said that C&C plans on using RTK to fill in the remaining gaps and that he was told that if the RTK matches, the gaps can be completed in one shot without a 50-foot overlap. Tony stated that this information was given to him at the office and that C&C will meet all contract requirements.

3. I spoke with Nate Johnson (WMI) about the marsh grade staking progress. Nate stated that all main and mid grade markers for the marsh have been staked up to Station 43+72. A few lines are incomplete, missing one 100' grade stake, due to the extremely muddy sidecasted material south of the canal.

4. I spoke with Ted Vestal (WMI) regarding the WMI DQCR reports. Ted stated that Tim Vestal (WMI) completes the reports and he should be returning later tonight or tomorrow morning.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

Bird patrol on the eastern extent of the project footprint.

Wave conditions.

Bird patrol ATV parked near Station 73+00.

C&C crew boat near Station 75+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 25, 2006 | OBSERVATION REPORT NO: 31
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 161
ARRIVAL TIME: 7:15 | DEPARTURE TIME: 10:45
13:30 | 14:30

WEATHER CONDITIONS: Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 1'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION: S 15-20 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike
STARTING STATION OF CANAL DREDGING: Unit 542 - 54+00
ENDING STATION OF CANAL DREDGING:
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	No	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Observation #2
	Location: Marsh grade staking between Station 34+04 and Station 43+72.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	Observation #3
	Location: Unit 542 - near Station 54+00 on the north side of the canal.		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 25, 2006 OBSERVATION REPORT NO: 31

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23.	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The C&C survey crew was observed on-site this morning. See discussion item #2.

2. I observed the WMI survey crew complete marsh grade staking fill-ins between Station 34+04 and Station 43+72.

3. I observed Unit 542 constructing the primary dike near Station 54+00 on the north side of the canal. The material used to construct the dike came from the adjacent fill source south of the dike. Unit 542 was observed positioning itself with its dredge bucket.

4. The material barge was observed empty on the north side of the canal near Station 94+00 partially blocking the adjacent bay. Although the bay is partially blocked, boats can maneuver around the barge to enter the bay.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Jason Manthey (NOAA) and gave him an update on the construction progress this morning. Jason questioned the progress of the WMI DQCR. I stated that I have not received a WMI DQCR since 4/21. Jason stated that he would email Tim Vestal (WMI) and request submission of the missing DQCR. I followed-up with Tim later today and he stated that he was working on getting the daily reports current.

2. I spoke with the C&C survey crew this morning and they informed me that they were experiencing a firmware problem with their receiver and needed to return to Lafyette for equipment repairs. C&C stated that the equipment should be repaired quickly and that they expect to be back on-site by Friday. I reminded C&C that the rod and hydrographic surveys require a 50-foot overlap. C&C stated that the overlap will be greater than 50-feet. C&C said that they would contact either myself or Nate Johnson (WMI) when they return.

3. I spoke with Gordon Thomson (CPE) and informed him of the C&C equipment problems. Gordon stated that I should get all available survey data from C&C when they return.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 25, 2006 OBSERVATION REPORT NO: 31

4. I spoke with Gordon Thomson (CPE) about RFI #4. I plotted the proposed positions of the primary dike in AutoCAD and was unable to determine how the proposed positions on the west side of the project tie-into the construction plans. I was also unable to determine how the proposed positions between CG14 (Station 67+91) and CG16 (Station 77+60) tie-into the construction plans. Gordon mentioned that we can make no inferences, WMI needs to show where the planned dike is and how it ties-into the existing construction plans.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

WMI survey crew placing marsh grade stakes near Station 43+72.

Grid of marsh grade stakes near Station 34+04.

Unit 542 constructing the primary dike near Stataion

Empty material barge partially blocking the small bay located near Station 94+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 26, 2006 | OBSERVATION REPORT NO: 32
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 162
ARRIVAL TIME: 18:35 DEPARTURE TIME: 19:35

WEATHER CONDITIONS: Overcast and Heavy Rain
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: SSW 2'-4', Bay: 1'-2'
WIND SPEED AND DIRECTION: SSW 15-25 mph
TEMPERATURE: 70°-75° F

OVERVIEW OF CONSTRUCTION ACTIVITY: West End Construction Access Dredging
STARTING STATION OF CANAL DREDGING: Unit 542 - Station 14+00
ENDING STATION OF CANAL DREDGING: Unit 542 - Station 11+00
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #8
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	Observation #8

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes
	Location: Marsh grade staking between Station 48+56 and Station 53+40.	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	No
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 26, 2006 OBSERVATION REPORT NO: 32

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23.	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The amplifier for the Telular system arrived; however, an A/C converter is needed to use the acquired amplifier. See discussion item #2.

2. I observed Unit 542 dredging near Station 11+00. See discussion item #7.

3. I observed a new tug boat arrive on-site aroud 15:40. The new tug, Miss Helen, was observed to be much smaller than the broken tug, Captain George. See discussion item #9.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Rachel Sweeney (NOAA) this morning and she stated that Tennessee Oil and Gas was wondering when the oil infrastructure access canal would be ready for use. I spoke with Gary Johnson (WMI) regarding this question and he stated that they are still on schedule but I should follow-up with Tim Vestal (WMI) for more detailed information. Tim stated that a 30-foot wide canal should be completed within 2 weeks. Tim added that the complete canal should be complete in about a month; however, Tim stated that further progress is required to give more detailed information. I left a message on Rachel's voice mail reiterating the answer Tim gave me.

2. I spoke with Gary Johnson (WMI) about the amplifier for the Tellular system and the necessary A/C converter. Gary mentioned that he gave the crew boat captain money to purchase the A/C converter in Grand Isle; however, the crew boat captain was unable to locate an A/C converter in Grand Isle. I asked Gary when and where he was planning on obtaining the necessary equipment to make email access within the Quarters Barge possible. Gary stated that the survey crew was planning on going to Hauma tomorrow and that he would tell then to pick-up the necessary component on their trip.

3. I spoke with Gordon Thomson (CPE) and he told me to remind Gary Johnson (WMI) to update the Bi-Weekly Progress Meeting Minutes with appropriate revisions for 4/18. I spoke with Gary regarding the meeting minutes and he stated that he would make the necessary revisions and send them to the appropriate people. Gary then informed me that things need to be faxed to him if people want things done in a timely manner due to the email limitations aboard the Quarters Barge. Gary added that during the bi-weekly meeting Gordon referred to an RFI that required the beach surveys to extend at last 10 feet north of the landward toe of the dune. Gary stated that no such RFI exists and that this requirement is not included in the construction plans or specifications. Later today Gary gave me both a hard copy and an electronic copy of the revised meeting minutes. Gary stated that he sent the revised minutes to the appropriate people and that the copy given to me is for CPE. I informed Gordon and he stated that was fine and that I should review the meeting minutes and send him a copy via email.

4. I spoke with Jason Manthey (NOAA) about the most recent construction schedule submitted by Gary Johnson (WMI), specifically the pre-construction survey schedule. Jason mentioned that the schedule shows that the pre-construction survey was completed on 4/8 and that I should bring this point to Gary's attention. I spoke with Gary regarding this point and he stated that the inserted date was an error and that he meant to leave that cell in the construction schedule empty. Gary said that the mistake would be corrected on the next construction schedule submittal.

5. I spoke with Jason Manthey (NOAA) about the response to RFI #4. Jason stated that there is a detailed response for every line item within the RFI.

6. I spoke with Jason Manthey (NOAA) about the bird patrol comments within the WMI DQCR. Jason stated that comments were made regarding bird/nest observations for the first patrol but not for the second patrol. I bought this item to the attention of Tim Vestal (WMI) and he stated that he had already spoken with Jason and that he would be more clear regarding biird/nest observations in future reports.

7. I spoke with Tim Vestal (WMI) about the dredging progress of Unit 542. Tim stated that they dredged approximately 300' between CG3 (Station 14+98) and CG2 (Station 9+84) to gain access to the west end of the job site. Tim stated that the dredging has been difficult because they have been digging through sand with a mud bucket.

8. I spoke with Tim Vestal (WMI) regarding the completion and submission of the WMI DQCR. Tim stated that when he is not on-site the WMI DQCR should be completed by either DJ (WMI) or Nate Johnson (WMI). Tim added that there was a communication problem this past weekend and that the problem will not occur again. I added that I would like to receive an electronic copy of the report and will most likely ask for it between 18:00 and 19:00 on a daily basis. Tim stated that he will bring the electronic copy on a memory stick to the Quarters Barge on a daily basis and that if I don't receive it that I should give him a call on his cell phone (985.991.9053). Tim gave me an excel file with the WM DQCR current through 4/25.

9. I spoke with one of the tug boat captains about the new tug boat, the Miss Helen. The tug captain stated that it will take at least two hous to move the barge from Station 95+00 to Station 55+00. He added that this time is for the barge movement only and does not include the time that it will take to move the dredge. The tug captain stated that it may not even be possible to move either the barge or the dredge during low tide. The tug captain stated that we will have to wait for tomorrow to determin the effectiveness of the new tug because both tug captains on the project site have already put in their twelve hours (Coast Guard Regulation).

10. Rachel Sweeney (NOAA) called and stated that she may visit the project site on Friday morning and asked me if I could check on the boat schedule. I spoke with Gary Johnson (WMI) regarding the Friday morning boat schedule and he stated that Rachel should be at the dock at 8:00 for an 8:30 departure. Gary added that I should talk with him tomorrow for a more detailed time. I called Rachel back and left a message on her answering machine reiterating Gary's response.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

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CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: April 26, 2006 OBSERVATION REPORT NO: 32

Unit 542 dredging near Station 11+00 to gain access to the west end of the project.

Gulf of Mexico wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 27, 2006 | OBSERVATION REPORT NO: 33
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 163
ARRIVAL TIME: 10:00 DEPARTURE TIME: 11:00
13:15 15:00

WEATHER CONDITIONS: Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: SSE 0'-1', Bay: Flat
WIND SPEED AND DIRECTION: NE 0-5 mph
TEMPERATURE: 70°-75° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike
STARTING STATION OF CANAL DREDGING: Unit 542 - Station 95+00
ENDING STATION OF CANAL DREDGING: Unit 542 - Station 95+50
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #4
	Location: Marsh grade staking at Station 58+23.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location: Unit 542 - near Station 64+00.		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 27, 2006 OBSERVATION REPORT NO: 33

22.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
23.	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - between Station 95+00 and Station 95+50.	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today? C&C filled in survey gaps east of Station 75+00.	Yes
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I observed the Bayou Princess partially dry-docked. See discussion item #1.

2. I observed Chris Corbin (C&C) on-site today discussing the survey plans with Gary Johnson (WMI). See discussion item #6.

3. I observed Unit 542 dredging the oil infrastructure access canal and filling the material barge with the dredged material near Station 95+00.

4. I observed C&C on-site at Station 106+64 performing a rod survey of the beach/dune. See discussion item #3.

5. I performed a site observation with Brian Kendrick (CPE), Gary Johnson (WMI), and Tim Vestal (WMI). RFI #4 and how to tie-in the desired locations of the proposed dike into the construction plans was the focus of this site observation, especially west of Station 14+96.

6. I observed Tim Vestal (WMI) measure the marsh grade staking on the mid marsh line between CG2 (Station 9+84) and CG3 (Station 14+98). The marked marsh design grade measured 2.48' NAVD and it had a 0.5' tolerance. See discussion item #12.

7. I observed the tug boat (Miss Helen) pushing the mud barge full of material away from Unity 542. See discussion item #10.

8. Brian Kendrick (CPE) and I were able to connect Brian's computer to the Tellular system and received and sent emails successfully. The Tellular system is not recognized on the CPE project computer. Gary Johnson's (WMI) computer does not have a COM port which is a necessary requirement for the Telular internet connection. Brian left his laptop at the project site to facilitate email communications. Brian also brought a keyboard, mouse, and a USB hub to facilitate efficient observation report writing.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the status of the Bayou Princess. Gary informed me that crab traps were wrapped around the propellers of the Bayou Princess and that it is partially dry docked to remove the entanglement.

2. Brian Kendrick (CPE) called and wanted to know if he would have a ride back to the dock if he came out to the project site this morning. Gary Johnson (WMI) said that it would not be a problem. After notifying Brian of the boat schedule, Biran stated that he will be making a trip out to the project site.

3. I spoke with Jim Wade (C&C) about the survey plans for today. Jim stated that the C&C survey crew is filling in survey gaps and will be working west.

4. I spoke with Nate Johnson (WMI) about the marsh staking progress. Nate stated that they have placed marsh grade stakes up to Station 58+23 and need an airboat to continue.

5. Brian Kendrick (CPE) asked Gary Johnson (WMI) if the placed conduits used for marsh grade staking will be able to withstand the fluid flow of mud when constructing the marsh. Gary stated that the placed conduits will hold.

6. I spoke with Gary Johnson (WMI) about the C&C survey plans. Gary stated that C&C wants WMI to help complete the remaining survey. Gary stated that WMI agreed but that WMI and C&C need to share the RTK unit.

7. Brian Kendrick (CPE) and Tim Vestal (WMI) discussed the proposed dike alignment from RFI #4 on the south side of the canal near Station 73+00.

8. I asked Tim Vestal (WMI) about the progress of Unit 418. Tim stated that the wrong bearings were bought for Unit 418 and Ted Vestal (WMI) went to go get the correct bearings. Tim added that Unit 418 has hit sand. The sand that Unit 418 is dredging is better material for the canal closures but it is more difficult to dredge.

9. Brian Kendrick (CPE), Gary Johnson (WMI), Tim Vestal (WMI), and myself discussed the many pipelines observed near Station 72+75. Brian mentioned that they are all inactive except the marked live pipeline. Brian said that material can be placed on all pipelines; however, no traciking across the pipelines is permitted. Brian added that wehn working around the live pipeline a representative from Hunt (Tom Lee) should be notified of the construction activity. Gary stated that WMI will not dig around any pipelines to avoid breaking pipelines that may discharge residue into the environment. Gary and Brian mentioned that there is a gap in the markings noting the location of the live 6" pipeline and that a portion of the pipeline may need to be re-surveyed again to note its exact location.

10. I asked Tim Vestal (WMI) why the mud barge was moving the dredged material back to its source and not toward the primary dike under construction. Tim stated that the tug was experiencing engine problems because rope wrapped around the propellers.

11. I asked Gary Johnson (WMI) about the status of the Captain John (tug boat). Gary stated that the mechanics are overhauling one of the engines and that half of the work has been completed. Gary added that mechanics will be on-site tomorrow to finish the repairs. I asked Gary if two tug boats will be used once the Captain John is fixed. Gary said that they will use both tug boats given the opportunity.

12. I told Gary Johnson that the tolerance for marsh fill is is 0.3' per Technical Provision 9.6. Gary stated that Technical Provision 9.6 does not mention the upper tolerance. I stated that the upper and lower tolerances are both shown as 0.3' in the construction plans. Gary stated that he will have the marsh grade stakes changed to comply with the plans.

13. Chris Corbin (C&C) told Gary Johnson (WMI) that all fill-in surveys, with the required 50-foot overlap, have been completed east of Robinson Canal. Chris added that a total of 53 fill-ins were completed today.

14. I discussed tomorrow morning's boat schedul with Gary Johnson (WMI). Gary stated that the crew boat will make a trip to Grand Isle tomorrow morning to pick-up the mechanics and has a plans on departing Grand Isle at 9:30. I called Rachel Sweeney (NOAA) and left a message on her answering machine stating that she should arrive at the dock between 9:00 and 9:30 if she wants to visit the project site tomorrow. I let Gary know that Rachel may need a ride out to the project site tomorrow with the crew boat but I have not yet confirmed it with her. I told Gary that I will call Rachel in the morning and inform him of her intentions.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: April 27, 2006 OBSERVATION REPORT NO: 33

The Bayou Princess dry-docked for propeller

Unit 542 dredging the oil infrastructure access canal.

Unit 542 filling the material barge with dredged material.

Gulf of Mexico wave conditions.

C&C performing a rod survey in the Gulf of Mexico.

CPE and WMI discussing RFI #4 and how to tie the existing land into the project plans.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 28, 2006 | OBSERVATION REPORT NO: 34
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 164
ARRIVAL TIME: 14:30 | DEPARTURE TIME: 15:45
17:30 | 19:00

WEATHER CONDITIONS: Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: SSE 1'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION: SSE 10-15 mph increasing to 15-20 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Station 96+96; Unit 418 - Station 106+64
ENDING STATION OF CANAL DREDGING: Unit 542 - Station 97+50; Unit 418 - Station 108+50
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - on the south side of the canal near Station 64+00. — Observation #4
    Location1: Unit 418 - between Station 106+64 and Station 108+50. — Observation #5
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at:
19. The measured width of the constructed berm was:
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 28, 2006 OBSERVATION REPORT NO: 34

23.	Are sand fencing operations being conducted? Post installed to: Fencing attached to:	N/A	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location1: Unit 542 - between Station 96+96 and Station 97+50. Location2: Unit 418 - between Station 106+64 and Station 108+50.	Yes	Discussion #6
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today? Marsh grade stake tolerances were being corrected. See observation #3.	Yes	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. C&C was observed on-site. See discussion item #2.

2. I attempted to perform a site observation at 13:15 but the observer's skiff was not available. See discussion item #3.

3. I observed Anthony (WMI) changing the marsh grade stake tolerance markers at Station 53+40.

4. I observed Unit 542 and an empty material barge near Station 64+00. See discussion item #6.

5. Unit 418 was observed dredging the oil infrastructure access canal and building the primary dike near Station 108+00. See discussion item #6.

6. I conducted a bird patrol between Station 63+08 and Station 106+64 at 18:00. No bird nests were observed.

7. I did not observe the WMI ATV between Station 63+08 and Station 106+64.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gordon Thomson (CPE) about the WMI bird patrols and he informed me that patrols of the entire beach need to performed twice daily. Gordon said that I should inform Gary Johnson (WMI) of this requirement since it is clearly not being met, based on the WMI DQCR. I spoke with Gary and reiterated Environmental Provision 7.2 which states "the CONTRACTOR shall patrol twice daily, gulf-side beaches, associated sand flats and overwash areas, and island fill areas to identify any nesting birds from the initiation of construction activities through September 15, 2006." Gary stated that he would make sure that the bird patrols are completed per the contract specifications.

2. I spoke with Chris Corbin (C&C) and he stated that all survey gaps, with the required 50-foot overlap, have been filled.

3. I asked Gary Johnson (WMI) where the observation skiff was at 13:15. Gary stated that he was performing a bird patrol.

4. I spoke with Jason Manthey (NOAA) about WMI's next payment application. Jason stated that I should tell Gary Johnson (WMI) that he should submit the payment application to me for review before the next bi-weekly progress meeting. Jason also told me to tell Gary that he should have the payment application completed before the bi-weekly progress meeting so Jason can take the application with him after the meeting is over. I reiterated this information to Gary and he stated that he would comply.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 28, 2006 OBSERVATION REPORT NO: 34

5. I spoke with Gary Johnson about the upcoming bi-weekly progress meeting. Gary asked if I had received the agenda for the meeting. I stated that I had. Gary asked that I give him an electronic copy of the agenda. I stated that I need to check with Gordon Thomson (CPE) before giving Gary the agenda.

6. I spoke with Tim Vestal (WMI) regarding the daily progress. Tim stated that Unit 542 has dredged the oil infrastructure access canal up to the live pipeline that crosses the new canal. Tim added that Unit 542 used the dredged material to construct the primary dike which now extends approximately 100' past the turn in the canal near Station 64+00. Tim said that Unit 418 advanced approximately 200' moving from Station 106+64 to Station 108+50 before another bearing broke on the unit. Ted Vestal (WMI) stated that he would return to Grand Isle tomorrow to pick-up another bearing to fix Unit 418. Ted added that Unit 418 has operated approximately 10 days and has cut roughly half the length of the oil infrastructure access canal.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe

1. No.

WMI changing tolerance markers on the marsh grade stakes.

Mud barge next to Unit 542 in the process of being filled.

Unit 418 constructing the primary dike near Station

Gulf of Mexico wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 29, 2006 | OBSERVATION REPORT NO: 35
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 165
ARRIVAL TIME: 9:00 | DEPARTURE TIME: 11:30
14:00 | 16:15
18:00 | 19:50

WEATHER CONDITIONS: Overcast
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: SSE 2'-4', Bay: 1'-2'
WIND SPEED AND DIRECTION: SSE 20-25 mph increasing to 25-30 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Station 97+50
ENDING STATION OF CANAL DREDGING: Unit 542 - Station 98+00
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Discussion #8
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	Discussion #4
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Marsh grade staking between Station 63+08 and Station 106+64.		Observation #9

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location: Unit 542 - between Station 87+28 and Station 90+42.		Observation #1
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 29, 2006 OBSERVATION REPORT NO: 35

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - between Station 97+50 and Station 98+00.	Yes	Observation #4
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I observed Unit 542 unloading the material barge and constructing the primary dike near Station 87+28.

2. I did not observe Unit 418 operate today. See discussion item #7.

3. I observed Unit 542 dredging the oil infrastructure access canal near Station 97+50 (2 times today). The dredged material was placed in the material barge for transport. No turbidity plumes were observed when the dredged material was being placed in the barge.

4. I observed Gary Johnson leave for the mainland. See discussion item #2.

5. I performed a bird patrol between Station 115+00 and Station 155+00 at 10:00. I performed a bird patrol between Station 63+08 and Station 106+64 at 14:30. During the patrol I observed more birds on the beach than usual, including several least terns. No bird nests

6. I observed many dead fish on the beach between Station 63+08 and Station 106+64.

7 I observed the WMI ATV on the north side of the canal that separates the beach and marsh near Station 101+80.

8. I observed marsh grade stakes on the existing beach placed up to Station 101+80. The marsh grade stakes display the station number, range, design grade (white), upper tolerance (pink), and lower tolerance (blue). See discussion item #4.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about primary dike adjustments. Gary gave me xyz data for the locations of the proposed dike adjustments near CG15, CG16, and the west end of the project. After looking at the adjusted points in AutoCAD, the proposed dike adjustment near CG15 and CG16 tie into the existing plans. However, the proposed dike adjustment near the west end of the project does not tie into the existing plans. I have forwarded this data to Gordon Thomson (CPE).

2. Gary Johnson (WMI) informed me that he will be on the mainland for the weekend until Tuesday (5/2). Gary informed me that Tim Vestal (WMI) is in charge during his absence. Gary added that if I am unable to locate Tim that I should speak with Ted Vestal (WMI).

3. I spoke with Gordon Thomson (CPE) about acquiring the survey data collected by C&C for engineering analysis. Gordon stated that I need to speak with Gary Johnson (WMI) about acquiring the data since C&C is subcontracted by WMI. I stated that I will follow-up when Gary returns from the mainland.

4. I spoke with Nate Johnson (WMI) about the marsh grade staking progress. Nate stated that he has staked as far as he can go without the assistance of an airboat. He said that if he goes deeper into the marsh/mud he will be jeopardizing the safety of his crew and himself.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 29, 2006 OBSERVATION REPORT NO: 35

5. I spoke with Tim Vestal (WMI) regarding the stationing of the primary dike. Tim stated that the east-west stationing makes it appear that the primary dike construction is progressing slowly. Tim is thinking about re-stationing the primary dike using a perimeter based stationing system after the dike realignment is accepted and the plans are redrawn.

6. Tim Vestal (WMI) gave me xyz data of the as-built Robinson Canal. Tim stated that Brian Kendrick (CPE) requested this data. I have forwarded this data to Gordon Thomson (CPE) and Brian Kendrick (CPE).

7. I spoke with Tim Vestal (WMI) regarding the status of Unit 418. Tim stated that the new bearings for Unit 418 are on-site and will be installed tomorrow. Tim anticipates that Unit 418 will operate tomorrow.

8. I spoke with Tim Vestal (WMI) regarding the WMI DQCR. Tim stated that he has been keeping track of the material barge and Unit 542 transport and loading/unloading times. This information is not included within the WMI DQCR.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 unloading the material barge for primary dike construction.

Unit 542 constructing the primary dike near Station 87+28.

Unit 542 dredging the oil infrastructure access canal near Station 97+50.

Gulf of Mexico wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: April 30, 2006 | OBSERVATION REPORT NO: 36
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 166
ARRIVAL TIME: 8:00 DEPARTURE TIME: 8:30

WEATHER CONDITIONS: Overcast
ESTIMATED WAVE HEIGHT AND DIRECTION: S 3'-5'
WIND SPEED AND DIRECTION: S 20-30 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: No construction observation today.
STARTING STATION OF CANAL DREDGING: N/A
ENDING STATION OF CANAL DREDGING: N/A
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	No	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	No	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	Observation #1
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #1

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:	N/A	
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: April 30, 2006 OBSERVATION REPORT NO: 36

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I observed the primary dike between Station 24+36 and Station 53+40. The primary dike near Station 43+72 has breached.

2. Wave and wind set-up has covered the existing beaches on the western end of the project with water.

3. I observed a slow water response with little to no pressure when using the sanitary facilities and the shower. As per General Conditions 22.1, 22.2, and 22.5 "The CONTRACTOR shall provide utility services", "The CONTRACTOR shall provide all water for construction", and "The CONTRACTOR shall furnish and maintain chemical toilets for use by its employees on the project site." Additionally, General Condition 24.1 states that "The CONTRACTOR shall provide boarding facilities for one full-time observer." See the entire discussion section.

4. The crew boat left the Quarters Barge at 14:30 to transport the survey crew, boat captain, and myself to Grand Isle.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nate Johnson (WMI) about the slow water response with little to no water pressure when using water reliant systems. Nate stated that he checked the water storage tank and it was empty.

2. I called Gary Johnson (WMI) to inform him of the no water situation aboard the Quarters Barge. I was unable to speak with Gary but left a message on his voice mail stating the current water problem. I did not hear back from Gary on this day.

3. I spoke with Tim Vestal (WMI) and Ted Vestal (WMI) about the no water situation. They stated that water can be pumped into 55-gallon drums from the water storage tank aboard Unit 542 and that these filled drums can be used to fill the water storage tank aboard the Quarters Barge. They added that only enough water is needed to last a couple of days since a water barge is scheduled to arrive later in the week. Tim said that the filled 55-gallon drums can be brought to the Quarters Barge via a flat-bottom skiff and once the filled 55-gallon drums are near the Quarters Barge, the water can then be pumped from the filled drums to the water storage tank. Ted stated that this process can be repeated as many times as necessary to achieve the desired water level. Nate Johnson (WMI) asked if Unit 542 could be placed alongside the Quarters Barge to make this a one-time trip. Tim stated that the high winds and strong currents would make for a difficult transport and slow down canal dredging and primary dike construction operations. Ted added that once the winds die down, a one time delivery would be feasible.

4. I spoke with Nate Johnson (WMI) to determine his plans. Nate stated that he had spoken with his direct supervisor, Christian Shaw (WMI), regarding the situation. Nate told Christian that the water refilling process was not part of his job description and that he plans on leaving the Quarters barge to stay in the Sand Dollar Motel in Grand Isle. Christian stated that he would back Nate's decision. Nate then told me that the survey crew, boat captain, and himself would be going to Grand Isle to spend the night in the Sand Dollar Motel. Nate added that rooms have already been reserved.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: April 30, 2006 OBSERVATION REPORT NO: 36

5. I called Gordon Thomson (CPE) to inform him of the situation. Gordon stated that it was my decision as to whether I stay aboard the Quarters Barge or go to Grand Isle with the WMI survey crew and boat captain. I told Gordon that I would leave the Quarters Barge to stay in the Sand Dollar Motel so that water dependent systems can be used tonight.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 1, 2006 | OBSERVATION REPORT NO: 37
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 167
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 11:45
13:30 | 16:00

WEATHER CONDITIONS: Clear
ESTIMATED WAVE HEIGHT AND DIRECTION: SSE 2'-3'
WIND SPEED AND DIRECTION: SSE 10-15 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta 100+00, Unit 418 - Sta 111+50
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta 100+50, Unit 418 - Sta 113+00
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Station 87+50 and Station 88+00.		
	Location2: Unit 542 - between Station 63+50 and Station 65+50.		
	Location3: Unit 418 - between Station 111+50 and Station 113+00.		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #1

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 1, 2006 OBSERVATION REPORT NO: 37

23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A
Marsh Fill		
25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A
Other		
28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes
	Location1: Unit 542 - between Station 100+00 and Station 100+50.	
	Location2: Unit 418 - between Station 111+50 and Station 113+00.	
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No
	Location:	
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	Yes
	Refilling the water storage container aboard the Quarters Barge.	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The primary dike near Station 43+72 has breached. The primary dike between Station 19+52 and Station 48+56, between Station 58+23 and Station 63+08, and between Station 77+60 and Station 82+44 doses not meet the primary dike design grade requirement, per Technical Provision 28.2, at various locations. See discussion item #1.

2. I conducted a bird patrol between Station 9+84 and Station 19+32 at 10:00, and a second bird patrol between Station 115+00 and Station 155+00 at 14:30. No bird nests were observed.

3. The pre-existing beach between Station 9+84 and Station 19+32 was covered with approximately 3" of water.

4. I observed an airboat arrive at 12:30.

5. Unit 542 was dredging the oil infrastructure access canal near Station 99+00. It was dredging the north side of the access canal.

6. I observed a large hole in the siding of the material barge. There was some material being lost through this opening during the filling process. No associated turbidity plume was observed. No material was observed to be lost during transit.

7. The WMI survey crew was crossing the marsh near Station 115+00 in the airboat. See discussion item #13.

8. I observed Unit 418 dredging the oil infrastructure access canal and constructing the primary dike near Station 111+00.

10. The WMI survey crew filling the water storage tank aboard the Quarters Barge with 55-gallon drums filled with water from the water storage tank aboard Unit 542 that were transported via a flat bottom skiff to the Quarters Barge. See discussion item #10.

11. I observed the tub repositioning the Quarters Barge in the vicinity of Sta 48+56. See discussion item #11.

13. The observer's sanitary facility does not meet the requirements specified in General Condition 22.5 and 24.1 which states that "The CONTRACTOR shall furnish and maintain chemical toilets for use by its employees on the project site" and "The CONTRACTOR shall provide boarding facilities for one full-time observer"; the toilet would not flush. See discussion item #12.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

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Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Tim Vestal (WMI) about the primary dike deficiencies. Tim stated that approximately 1200' of primary dike needs to be rebuilt due to damages caused by the storm. Tim added that the primary dike will be reworked with marsh buggies in all necessary locations to meet the primary dike design grade requirements per Technical Provision 28.2.

2. I spoke with Ted Vestal (WMI) and Tim Vestal (WMI) about bird patrols. I asked both Ted and Tim who was performing the twice daily bird patrols. Both Ted and Tim stated that the patroller changes on a daily basis. Tim added that he conducts bird patrols when passing by various sections of beach given adequate time.

3. I spoke with Jason Manthey (NOAA) and updated him on the post storm primary dike condition. I mentioned the dike breach near Station 43+72 and we discussed protection possibilities. Jason questioned the effectiveness of blanketing the primary dike with a biodegradable fabric. I stated that containing the material within a shield should help retain the primary dike during storm events. We discussed the new data points given to me by Gary Johnson (WMI) for dike realignment. I stated that the new points given for the primary dike realignment near Station 67+91 and Station 72+75 tie into the existing plans; however, the points given for the west end of the project still do not tie into the existing plans. I added that I have forwarded this data to Gordon.

4. I spoke with Jason Manthey (NOAA) about the WMI bird patrols. I stated that WMI acted immediately when I brought Environmental Provision 7.2 to the attention of Gary Johnson (WMI). I also informed him that I have not checked the bird patrol status recently due to the water problem aboard the Quarters Barge which required temporary relocation to Grand Isle.

5. I spoke with Tim Vestal (WMI) about the primary dike construction schedule. Tim stated that the primary dike construction should be completed in approximately one month.

6. I spoke with Tim Vestal (WMI) about the settlement plates and the associated survey data. Tim stated that he will give me data as soon as the last settlement plate is installed and the positioning of the settlement plate located at CG13 (Station 63+08) is corrected.

10. I spoke with Anthony Vest (WMI) about the water relay used to fill the water storage tank aboard the Quarters Barge. Anthony stated that he had made a total of four trips today with two 55-gallon drums of water transported during each trip.

11. I called Gary Johnson (WMI) and informed him of the Quarters Barge relocation. Gary asked to speak with Nate Johnson (WMI). Nate was told to call Unit 542 and tell them that the tug boat is needed at the Quarters Barge to reset the anchoring system.

12. I called Gary Johnson (WMI) and stated that the observer's sanitary facility is malfunctioning. Gary stated that silt may be lodged in the water intake valve used to supply the sanitary facility with water. Gary stated that I should use another restroom aboard the Quarters Barge while this problem is being resolved.

13. I spoke with Nate Johnson (WMI) about the airboat usage. Nate informed me that the WMI surveyors used the airboat to resurvey sections of the marsh that may have a vertical discrepancy. Nate stated that the bust was located on lines CM42 (Station 104+22), CG22 (Station 106+64), and CM44 (Station 109+06).

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

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CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: May 1, 2006 OBSERVATION REPORT NO: 37

Breach in the primary dike located near Station 43+72.

The beach near the western end of the project footprint (post storm conditions).

Primary dike near the west end of the project that is now, after the storm, below grade.

Primary dike located near Station 63+08 that is below grade.

Unit 542 removing material from the material barge to construct the primary dike near Station 64+00.

Unit 542 constructing the primary dike near Station 64+00.

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CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: May 1, 2006 OBSERVATION REPORT NO: 37

Hole in the material barge siding.

WMI survey crew in the airboat.

Unit 542 dredging the oil infrastructure access canal near Station 98+50.

Unit 418 constructing the primary dike near Station 111+00.

Nate Johnson (WMI) pumping water from the 55-gallon drums into the water storage tank aboard the Quarters Barge.

Anthony Vest (WMI) filling the water storage tank aboard the Quarters Barge.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 2, 2006 | OBSERVATION REPORT NO: 38
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 168
ARRIVAL TIME: 13:00 | DEPARTURE TIME: 15:00
16:30 | 18:00

WEATHER CONDITIONS: Clear
ESTIMATED WAVE HEIGHT AND DIRECTION: SSE 1'-2'
WIND SPEED AND DIRECTION: SSE 5-10 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta 100+50, Unit 418 - Sta 111+50
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta 101+00, Unit 418 - Sta 113+00
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes
   Location: Marsh grade staking between Station 58+23 and Station 67+91.

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - between Station 65+50 and Station 66+50.
    Location2: Unit 418 - between Station 111+50 and Station 113+00.
11. Were previously constructed dikes observed? — No
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — N/A

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at:
19. The measured width of the constructed berm was:
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location:
23. Are sand fencing operations being conducted? — N/A
    Post installed to:
    Fencing attached to:
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 2, 2006 OBSERVATION REPORT NO: 38

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	
	Location1: Unit 542 - between Station 100+50 and Station 101+00.		
	Location2: Unit 418 - between Station 111+50 and Station 113+00.		
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	Yes	Discussion #7
	Quarters Barge water storage tank refueling relay.		
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Tim Vestal (WMI) was observed surveying the oil infrastructure access canal. See discussion item #1.

2. I observed Gary Johnson (WMI), JM Fail (WMI), Frank Gill (WMI) and Kenneth Mahacek (WMI) on-site at 12:00. See discussion item #4.

3. I observed Anthony Vest (WMI) conducting water relay operations from Unit 542 to the Quarters Barge today. See discussion item #7.

4. The sanitary facilities are functioning.

5. The WMI ATV was located on the north side of the canal that separates the beach and marsh near Station 102+00 at 14:00. The WMI ATV located on the beach near Station 102+00 at 19:00. See discussion item #7.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I asked Tim Vestal (WMI) about the surveys that he was conducting today. Tim stated that he was surveying cross-sections of the oil infrastructure access canal to determine the dredging progress. Tim provided the cross section data, in xyz format, that he collected on 4/29 and today. Tim also provided primary dike pre-storm survey data in xyz format.

2. I spoke with Tim Vestal (WMI) about the settlement plate survey data. Tim provided settlement plate survey data for the settlement plate located at CG28 (Station 135+68). Tim informed me that the survey was taken at the base of the settlement plate. Tim added that the top of the pole is 15 feet above the settlement plate base.

3. I asked Tim Vestal (WMI) about the location of the WMI ATV used for bird patrols. Tim stated that he had not seen it in a couple of days. Tim added that when I locate the ATV that I inform him of its location.

4. I spoke with Gary Johnson (WMI) about his meeting with JM Fail (WMI), Frank Gill (WMI), and Kenneth Mahacek (WMI). Gary stated that they were discussing the dredge pipe layout routes and laying operations. Gary said that WMI plans on assembling 500-foot long sections of dredge pipe at Grand Isle which will then be dragged behind a boat across the Gulf of Mexico for placement from the project footprint to the borrow area.

5. I spoke with Gary Johnson about his internet access. Gary informed me that he has been able to get the internet working in his office aboard the Quarters Barge.

6. I spoke with Gordon Thomson (CPE) about the boat schedule for tomorrow. Gordon stated that a 7:00 pick-up time would be appreciated. A pick-up time of 7:00 was confirmed with both Gary Johnson (WMI) and the crew boat captain.

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7. I spoke with Anthony Vest (WMI) about the water relay between Unit 542 and the Quarters Barge. Anthony stated that five trips were made between Unit 542 and the Quarters Barge with two 55-gallon drums of water transported on each trip.

8. I spoke with Nate Johnson (WMI) about the "tie-in" marsh grade stakes on the western extent of the project footprint. I stated that the storm eroded the beach and some of the "tie-in" markers may no longer be at the design grade elevation. Nate stated that he plans on finishing the marsh grade staking while the airboat is on-site. Nate added that all marsh grade stake markers will be re-checked before constructing the beach and marsh.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

WMI ATV located on the marsh side of the canal that separates the beach and marsh near Station 102+00.

Gulf of Mexico wave conditions.

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CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 3, 2006 | OBSERVATION REPORT NO: 39
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 169

ARRIVAL TIME:	7:45	DEPARTURE TIME:	10:30
	15:00		16:30
	18:00		19:30

WEATHER CONDITIONS:	Clear
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: SSE 0'-1', Bay: Flat
WIND SPEED AND DIRECTION:	SSE 5-10 mph
TEMPERATURE:	80°-85° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta 101+00, Unit 418 - Sta 113+00
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta 101+80, Unit 418 - Sta 114+50
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Discussion #8
3.	Has the contractor provided the daily quality control report for the previous day?	No	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Marsh grade staking between Station 67+91 and Station 82+44.		Discussion #9

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Station 66+50 and Station 70+00.		Observation #8
	Location2: Unit 418 - between Station 113+00 and Station 114+50.		Observation #5
11.	Were previously constructed dikes observed?	Yes	Observation #2
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #2

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

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Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	
	Location1: Unit 542 - between Station 101+00 and Station 101+80.		
	Location2: Unit 418 - between Station 113+00 and Station 114+50.		Observation #5
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	Yes	
	The bi-weekly progress meeting.		
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Gordon Thomson (CPE), Brian Kendrick (CPE), and Jason Manthey (NOAA) arrived on-site at 8:00. We toured the site between 8:15 and 10:30.

2. The primary dike between Station 5+00 and Station 53+40 was observed to be below grade, as specified in Technical Provision 28.2, at various locations; however, the crest width and base width exceed that which is specified in Technical Provision 28.2. The amount of material observed appears to exceed the amount of material necessary to construct the primary dike at this location.

3. The "tie-in" markers, designating that the current elevation is greater than the specified upper tolerance, on the marsh grade stakes near Station 9+84 were approximately 3" above the current beach elevation.

4. Several marsh grade stakes on the existing beach between Station 9+84 and Station 19+32 have only an upper tolerance, delineated with pink tape, and a lower tolerance, delineated with blue tape; the design grade, specified with white tape, was not observed.

5. I observed Unit 418 dredging the south side of the oil infrastructure access canal and building the primary dike near Station 113+00 and near Station 114+50. The dredged material used to construct the primary dike at this location was very fluid.

6. The WMI ATV was observed on the marsh side of the beach near Station 106+64.

7. I performed a bird patrol with Gordon Thomson (CPE), Brian Kendrick (CPE), and Jason Manthey (NOAA) between Station 116+32 and Station 130+84 at 9:45. No bird nests were observed.

8. I observed Unit 542 constructing the primary dike near Station 66+50 and near Station 70+00. The material used to construct the primary dike appeared to have a consistency similar to thick soup. No turbidity plumes were observed.

9. The WMI survey crew left the Quarters Barge in an airboat. See discussion item #9.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gordon Thomson (CPE), Brian Kendrick (CPE), Jason Manthey (NOAA), and myself discussed design plans for the redesign of the western edge of the project. The design discussed would extend the western-most toe of the dune crest from its current location in the existing construction plans toward the primary dike south of the dune toe. With this design, the dune crest would act as a dike to assist in containing the marsh fill.

2. I discussed the WMI bird patrols with Jason Manthey (NOAA), Gordon Thomson (CPE), and Brian Kendrick (CPE). We all decided that it would be beneficial for me to observe the WMI crew tomorrow when they perform their bird patrols.

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3. I participated in the bi-weekly meeting with Gordon Thomson (CPE), Brian Kendrick (CPE), Jason Manthey (NOAA), Gary Johnson (WMI), and Tim Vestal (WMI). The following items were discussed: Chaland-Robinson Canal access, pre-construction surveys, daily quality control reports, specification requirements (as-built drawings), the status on pay application number three, the current construction schedule dated 4/28, protection of migratory and other protected birds requirements, the next meeting schedule, and Quarter Barge maintenance when Gary is absent. The items discussed during the bi-weekly progress meeting are discussed in greater detail within the bi-weekly progress meeting minutes.

4. I spoke with Tim Vestal (WMI) about bird patrols. Tim stated that one of the WMI surveyors would be performing a bird patrol tonight. I asked Tim if the WMI surveyors usually conduct the bird patrols. Tim stated that they do not. I said that I would like to observe the methodologies of the people that conduct the bird patrols on a regular basis. Tim said that I could observed either Gary Johnson (WMI) or himself conduct the bird patrols tomorrow.

5. I spoke with Nate Johnson (WMI) about bird patrols. Nate asked about the bird patrol requirements. I showed Nate Environmental Provisions 7.1 and 7.2. Nate stated that he was familiar with the birds that they are looking for on the patrols and that he would integrate the patrols into the marsh grade staking procedures. Nate said that the bird patrols would be completed once daily for the section of marsh and existing beach that the WMI surveyors are laying out with marsh grade stakes. I added that the patrol needs to be conducted in every area stated in Environmental Provision 7.2 twice daily. Nate added that the remaining patrols will be completed by other WMI employees to comply with the specifications.

6. Gordon Thomson (CPE) called and stated that he has not received the C&C survey data. I spoke with Gary Johnson (WMI) about the C&C survey data submission. Gary stated that he spoke with Frank Lipari (C&C) about the survey data. Gary said that Frank stated that the data will be available tomorrow morning.

7. I spoke with Gary Johnson (WMI) about RFI #2 and the survey data requirement stating that "beach surveys shall be defined as extending from 10 feet north of the landward toe of dune to 250 feet seaward of the toe of fill". Gary stated the beach surveys conducted meet this requirement.

8. I spoke with Gary Johnson (WMI) about the as-built drawings. Gary stated that he will not update the drawings until the proposal has been approved and the section has been constructed.

9. I spoke with Nate Johnson (WMI) about today's marsh grade staking progress. Nate stated that the marsh was staked between Station 67+91 and Station 82+44.

10. I spoke with Jason Manthey (NOAA) about the layout of work for hydraulic fill placement. Jason told me to take a look at Technical Provision 19.3 which states that "The CONTRACTOR will use a surveyor licensed in the State of Louisiana. The licensed surveyor will be responsible for all survey work and will certify all survey work. The licensed surveyor is not obligated to perform the field work." Jason told me that he had brought this item to the attention of Gary Johnson (WMI) but I should mention it to the WMI employees in charge of the marsh grade staking.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 constructing the primary dike near Station 70+00.

Unit 542 removing excavated material from the barge to construc the primary dike near Station 70+00.

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DATE: May 3, 2006 OBSERVATION REPORT NO: 39

Unit 418 constructing the primary dike near Station 114+00.

Marsh grade stakes near Station 9+84 showing the upper and lowe fill tolerances.

Gulf of Mexico wave conditions.

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CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 4, 2006 | OBSERVATION REPORT NO: 40
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 170
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 11:30
12:30 | 17:00

WEATHER CONDITIONS: Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 1'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION: S 5-10 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta 101+80 , Unit 418 - Sta 114+50
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta 101+80 , Unit 418 - Sta 116+32
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Discussion #3
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	Discussion #3

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Marsh grade staking between Station 82+44 and Station 87+28.		Discussion #5

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Station 70+00 and Station 73+00.		Observation #3
	Location2: Unit 418 - between Station 114+50 and Station 116+32.		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #3

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

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DATE: May 4, 2006 OBSERVATION REPORT NO: 40

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	Discussion #10
	Location1: Unit 542 - near Station 101+80.		
	Location2: Unit 418 - between Station 114+50 and Station 116+32.		
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	Yes	
	WMI bird patrol.		Observation #4
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The WMI survey crew was observed leaving the Quarters Barge on an airboat. See discussion item #5.

2. Unit 418 was observed dredging the south side of the oil infrastructure access canal near Station 116+32. The dredged material was sidecasted in the center of the canal and on the primary dike.

3. Unit 542 was observed building the primary dike near Station 72+75. The material was carefully placed to minimize splatter. No turbidity plumes were observed. The primary dike being constructed by Unit 542 was greater than 10' wide at the crest and was below grade as specified in Technical Provision 28.2.

4. Tim Vestal (WMI) and the WMI survey crew split into three groups to conduct the bird patrol. One group went to the west side of the project, one group went to the central project area, and Tim went to the east side of the project. I observed Tim transporting the WMI ATV across the canal between Station 101+80 and Station 106+64. On the Northeast side of the canal Tim unloaded the ATV and took a back trail, with clearly defined ATV tracks, that lead him to the east side of the project. I observed all beaches being patrolled between 15:00 and 16:15.

5. Marsh grade stakes were observed to have only two grade marker colors, blue and pink, in addition to the orange marsh grade stake marker between Station 72+75 and Station 87+28. See discussion item #8.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the C&C survey data. Gary stated that he spoke with Frank Lipari (C&C) and was told that the survey data would be distributed today. Frank told Gary that the survey is not complete as the required 50-foot overlap was not achieved on all lines when filling in the survey gaps.

2. I spoke with Nate Johnson (WMI) about bird patrols. Nate stated that he conducted a bird patrol on the east beach around 10:00. He said that he observed several least terns but stated that no bird nesting was observed.

3. I spoke with Tim Vestal (WMI) about the WMI daily quality control reports. Tim gave me an electronic copy of the WMI daily quality control report for 5/2 and 5/3.

4. I discussed bird patrols with Gary Johnson (WMI) and Tim Vestal (WMI). Tim stated that bird patrols are conducted by the surveyors and himself while they are working. Tim added that when he surveys the dikes, or when the WMI survey crew is placing grade stakes, they are performing bird patrols simultaneously. I stated that although the bird patrol is incorporated into the daily construction activities, as per Environmental Provision 7.2 all beaches, sand flats, etc.are to be patrolled twice daily. I added that when working an area, that section can be considered to be patrolled once, but that does not include project areas where construction activities are not taking place. Tim stated that he understands Environmental Provision 7.2 and said that the survey crew will now become more involved in the bird patrols and he wll make sure all beaches and marsh areas (west, central, and east) are patrolled twice daily. Tim stated that he will start including the names of the patrollers and the areas they cover in the WMI daily quality control report so the observer will know when the patrols are being conducted and who is patrolling.

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5. I spoke with DJ Johnston (WMI) regarding the airboat usage and the work performed today. DJ stated that the WMI surveyors used the airboat to place marsh grade stakes between Station 84+44 and Station 87+28. DJ added that the airboat operator did not cooperate with the WMI survey crew today.

6. I spoke with Nate Johnson (WMI) about transportation for the WMI surveyors. Nate stated that the skiff with the 115HP motor is down for repairs, the skiff with the 90HP motor is experiencing throttle problems, and the airboat is no longer on-site.

7. I spoke with Nate Johnson (WMI) about the water relay between Unit 542 and the Quarters Barge. Nate stated that 55-gallon drums are still being transported from Unit 542 to the Quarters Barge to keep water available for use aboard the Quarters Barge. I asked Gary Johnson (WMI) when the water barge would arrive to fill the water storage tanks aboard the Quarters Barge. Gary stated that the water barge is in route and should arrive tomorrow.

8. I spoke with DJ Johnston (WMI) and Nate Johnson (WMI) about the marsh grade stake markers. Nate stated that the blue marker delineates the lower tolerance for marsh fill and the pink marker delineates the upper tolerance for marsh fill. I asked why a white marker is no longer used to delineate the design grade. Nate stated that Gary Johnson (WMI) informed both himself and DJ that only the upper and lower tolerances need to be shown. I discussed Technical Provision 36.3 with Gary and pointed out the last sentence which states "Each stake shall clearly indicate the target marsh elevation of +2.5' NAVD 88." Gary stated that this item was discussed previously with a NOAA or CPE representative and he was told that since the vertical tolerance is only 3", giving a 6" working area, it was decided that only the upper and lower tolerances need to be shown on the marsh grade stakes. Gary stated that he could not remember with whom he had this conversation.

9. I asked Gary Johnson (WMI) if he would be aboard the Quarters Barge this weekend. Gary stated that he would not be on the Quarters Barge this weekend. I asked Gary who would be the designated maintenance person aboard the Quarters Barge during his absence this weekend. Gary said that no maintenance person is needed this weekend. I said that this item was discussed during the bi-weekly meeting held yesterday and it was concluded that someone is needed to maintain the Quarters Barge in Gary's absence. Gary said that this was only deemed a requirement during his planned surgery.

10. I spoke with Tim Vestal (WMI) about the dredging progress in the Oil Infrastructure Access Canal. Tim stated that Unit 542 is near Station 101+80 and Unit 418 is near Station 116+32.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Side casted material in the center of the oil infrastructure access canal near Station 116+32.

Unit 418 constructing the primary dike near Station 116+32.

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DATE: May 4, 2006 OBSERVATION REPORT NO: 40

Unit 542 constructing the primary dike near Station 72+75.

Primary dike between Station 64+00 and Station 75+00.

Preparing to transport the ATV northeast across the canal Station 101+80.

Marsh side bird patrol near Station 106+64.

ATV tracks in the back marsh in route to the east side of the project near Station 101+80.

Beach side bird patrol near Station 126+00.

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CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 5, 2006 | OBSERVATION REPORT NO: 41
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 171
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 11:45
13:40 | 16:15

WEATHER CONDITIONS: Overcast and Rain
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 1'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION: S 5-10 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta 101+80 , Unit 418 - Sta 116+32
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta 101+80 , Unit 418 - Sta 117+50
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - near Station 73+00.
    Location2: Unit 418 - between Station 116+32 and Station 117+50.
11. Were previously constructed dikes observed? — No
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — N/A

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at:
19. The measured width of the constructed berm was:
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location:
23. Are sand fencing operations being conducted? — N/A
    Post installed to:
    Fencing attached to:
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 5, 2006 OBSERVATION REPORT NO: 41

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location1: Unit 542 - near Station 101+80. Location2: Unit 418 - between Station 116+32 and Station 117+50.	Yes	Discussion #6
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today? Water and equipment deliveries. See observations #5 and #6.	Yes	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I attempted taking a shower this morning and no water was available. See discussion item #1.

2. I attempted performing an observation this morning and there was no skiff available. See discussion item #2.

3. Unit 418 was observed dredging the south side of the oil infrastructure access canal near Station 117+00. The dredged material was sidecasted in the center of the canal and on the primary dike.

4. I observed the water barge on-site at 12:30. Gary Johnson (WMI) and Anthony Vest (WMI) pumped water from the barge to fill both water storage tanks aboard the Quarters Barge.

5. An ATV, eight 50-foot dredge pipes, and two dredge pipe elbow joints were observed on water barge. See discussion item #4.

6. I observed two dump trucks on a barge located near Station 96+96.

7. I took the crew boat captain to the eastern-most beach to perform a bird patrol. The ATV used for the bird patrol was not found on this beach. The crew boat captain and I searched the project site for the ATV. See discussion item #5.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the lack of water this morning. Gary stated that he attempted taking a shower last night and no water was available so he shut down the water pump so that the system would not get damaged. I asked Gary when the water barge was expected to arrive. Gary stated that the water barge is scheduled to arrive at 11:30 today.

2. I spoke with Gary Johnson (WMI) about the lack of transportation. Gary stated that Tim Vestal (WMI) was using the skiff dedicated for himself and the observer to pick-up parts to fix the throttle on the skiff with the 90HP motor. Less than one hour after asking about transportation, the crew boat returned from Grand Isle and provided the transportation necessary to perform a brief morning observation. Later today the dedicated skiff was available as Tim was able to fix the skiff with the 90HP motor.

3. I spoke with Jason Manthey (NOAA) about General Condition 8.1 which states "Under no circumstances will project construction occur without the presence of a superintendent at the project site. In the event that the superintendent is to be temporarily or permanently replaced by the CONTRACTOR, the CONTRACTOR shall notify the GOVERNMENT in writing of the replacement superintendent." Jason stated that he spoke with Gary Johnson (WMI) about leaving the project site. Jason said that any time Gary leaves the project site Gary is to submit in writing the name of the person who will be in charge in his absence.

4. I spoke with Gary Johnson (WMI) about the equipment on the water barge. Gary stated that the dredge pipe aboard the barge was for the marsh fill and the ATV on the barge was delivered to replace the ATV currently used for bird patrols.

5. I spoke with Tim Vestal (WMI) about the missing ATV. Tim stated that he was using the ATV on a bird patrol.

6. I spoke with Tim Vestal (WMI) about the oil infrastructure access canal dredging progress. Tim stated that Unit 542 is near Station 101+80 and Unit 418 is near Station 117+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 5, 2006 OBSERVATION REPORT NO: 41

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 418 dredging the south side of the oil infrastructure access canal near Station 117+00.

Unit 418 sidecasting dredged material in the center of the oil infrastructure access canal near Station 117+00.

Unit 418 building the primary dike near Station 117+00.

Refilling the water storage tanks aboard the Quarters Barge.

Delivered equipment on a barge near Station 96+96.

Dredge pipe on the water delivery barge.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 6, 2006 | OBSERVATION REPORT NO: 42
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 172
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:00
14:30 | 17:00

WEATHER CONDITIONS: Overcast
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 1'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION: S 5-10 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta 101+80, Unit 418 - Sta 117+50
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta 103+00, Unit 418 - Sta 118+74
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — Yes
9. Was any staking and layout performed today? — Yes
   Location: OIAC and Primary Dike staking between Sta 116+32 and Sta 121+16.

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - near Station 73+00.
    Location2: Unit 418 - between Station 117+50 and Station 118+74.
11. Were previously constructed dikes observed? — Yes — Observation #1
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at: _____
19. The measured width of the constructed berm was: _____
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location: _____
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location: _____
23. Are sand fencing operations being conducted? — N/A
    Post installed to: _____
    Fencing attached to: _____
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 6, 2006 OBSERVATION REPORT NO: 42

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	
	Location1: Unit 542 - between Station 101+80 and Station 103+00.		Observation #1
	Location2: Unit 418 - between Station 117+50 and Station 118+74.		Observation #2
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 was dredging the oil infrastructure access canal near Station 103+00 and placed the dredged material in the transport barge. The barge and Unit 542 were then towed to Station 73+00. Unit 542 was constructing the primary dike on the west side of Robinson Canal near Station 73+00. The primary dike at this location is starting to extend into the existing canal.

2. Unit 418 was observed dredging the oil infrastructure access canal near Station 118+00. The dredged material was sidecasted in the center of the canal and on the primary dike. See discussion item #1.

3. The WMI survey crew was observed staking the primary dike and oil infrastructure access canal near Station 121+06. See discussion item #2.

4. I observed WMI conduct a bird patrol between Station 63+08 and Station 106+64 between 15:30 and 16:00 and between Station 116+32 and the eastern end of the project between 16:30 and 17:00. See discussion itme #3.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Tim Vestal (WMI) about the dredged material being sidecasted in the center of the oil infrastructure access canal. Tim stated that the material is being sidecasted in the center of the canal because the placement of additional material on the primary dike at that location will cause the dredged material to fall back into the canal. Tim added that Unit 542 will be using the material from the center of the canal to build the primary dike at a different location.

2. I spoke with Tim Vestal (WMI) about the primary dike and oil infrastructure access canal staking progress. Tim stated that stakes were placed between Station 116+32 and Station 121+16 today.

3. I spoke with Tim Vestal (WMI) about the WMI bird patrol. Tim stated that no nesting was observed. Tim informed me that he will be conducting a bird patrol around 6:30 tomorrow morning. Tim added that the morning bird patrol is typicaly conducted at 6:30 and he invited me to come along to observe the morning bird patrol. I stated that I will be prepared and will be available for an observation tomorrow morning at 6:30.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 6, 2006 OBSERVATION REPORT NO: 42

Unit 542 constructing the primary dike near Station 73+00.

Unit 542 dredging the oil infrastructure access canal near Station 102+00.

Unit 418 dredging the oil infrastructure access canal near Station 118+74.

Unit 418 constructing the primary dike near Station 118+74.

WMI bird patrol near Station 101+80.

Oil infrastructure access canal and primary dike staking near Station 118+74.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 7, 2006 | OBSERVATION REPORT NO: 43
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 173

ARRIVAL TIME:	6:30	DEPARTURE TIME:	8:00
	10:30		12:00
	13:30		15:15

WEATHER CONDITIONS:	Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 2'-3', Bay: 0'-1'
WIND SPEED AND DIRECTION:	S 10-15 mph
TEMPERATURE:	80°-85° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta 103+00, Unit 418 - Sta 118+74
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta 104+22, Unit 418 - Sta 118+74
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Primary Dike between Station 118+74 and Station 121+16.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Station 72+75 and Station 77+60.		Observation #5
	Location2: Unit 418 - near Station 118+74.		Observation #4
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 7, 2006 OBSERVATION REPORT NO: 43

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location1: Unit 542 - between Station 103+00 and Station 104+22. Location2: Unit 418 - near Station 118+74.	Yes	Discussion #5
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today? Check survey of the oil infrastructure access canal.	Yes	Observation #3
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Two equipment barges were observed on the north side of the canal near Station 95+00. The barge further north (barge #1) contained: 2 D6R bulldozers, 3 diffusers, 1 outfall section of dredge pipe, 1 small dump shack, 1 welding machine, 2 lighting systems, 2 valves, 1 Y-valve, 2 pipe holders that hold four pipes a piece, 1 clamshell bucket, and 16 boxes of polysheeting. The barge further south (barge #2) contained 8 50-foot sections of drege pipe, 1 90° dredge pipe elbow, 1 45° dredge pipe elbow, 1 1000 gallon water storage tank, 1 spill/leak pan, 1 ATV, 3 diesel fuel containers with accompanying fire extinguishers, 1 large concrete dump shack, 1 sand sled (pontoons), 1 fuel tank with pump (diesal or gas was not specified). All storage and lighting systems were mounted on pontoon sleds.

2. I observed Tim Vestal (WMI) perform a bird patrol on the east beach at 6:45. I did not observe a bird patrol on either the central or the west beach this morning. See discussion item #1.

3. I observed Tim Vestal (WMI) and Anthony Vest (WMI) surveying the oil infrastructure access canal.

4. Unit 418 was observed dredging the oil infrastructure access canal near Station 118+74. See discussion itme #5.

5. Unit 542 was observed constructing the primary dike between Station 72+75 and Station 77+60. The primary dike now closes the southern part of Robinson Canal that leads to the existing beach. The primary dike at this location was approximately 1' above the surface of the water. See discussion items #4 and #6.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Tim Vestal (WMI) about the morning bird patrol. Tim stated that no bird nesting was observed. Tim added that he would cover the central beach later this morning.

2. I spoke with Tim Vestal (WMI) about the oil infrastructure access canal dredging status. Tim stated that yesterday Unit 542 dredged the oil infrastructure access canal between CG21 (Station 101+80) and CM42 (Station 104+22). Tim stated that yesterday Unit 418 dredged the oil infrastructure access canal between CG24 (Station 116+32) and CM48 (Station 118+74).

3. I spoke with Tim Vestal (WMI) about the primary dike construction status. Tim stated that yesterday Unit 542 constructed the primary dike between CG15 (Station 72+75) and CG16 (77+60). Tim stated that yesterday Unit 418 constructed the primary dike between CG24 (Station 116+32) and CM48 (Station 118+74).

4. I spoke with Tim Vestal (WMI) about the primary dike construction between Station 72+75 and Station 77+60; I spoke with Tim specifically about the dike construction that occurred in the deeper areas of the canal. Tim stated that the dike construction was successful, but a large amount of material was needed to create the dike in this location (it took 5 barge loads of material to close half of the canal).

5. I spoke with Tim Vestal (WMI) about the oil infrastructure access canal dredgeing progress. Tim stated that Unit 542 is between CG21 (Station 101+80) and CM42 (Station 104+22) and Unit 418 is between CG24 (Station 116+32) and CM48 (Station 118+74).

DATE: May 7, 2006 OBSERVATION REPORT NO: 43

6. I spoke with Tim Vestal (WMI) about the primary dike construction progress. Tim stated that Unit 542 was constructing the primary dike between CG15 (Station 72+75) and CG16 (Station 77+60) and Unit 418 was constructing the primary dike between CG24 (Station 116+32) and CM48 (Station 118+74).

7. I spoke with Tim Vestal (WMI) about the WMI DQCR. Tim stated that he will be leaving tomorrow to take two days off. I asked Tim who would be in charge of the WMI DQCR. Tim stated that DJ Johnston (WMI) would be in charge of the reports during these two days.

8. I spoke with Tim Vestal (WMI) about today's check survey of the oil infrastructure access canal. Tim stated that his computer crashed and the data from the survey conducted today was lost.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

WMI bird patrol on the east beach at 6:45.

WMI check survey of the oil infrastructure access canal.

Gulf of Mexico wave conditions.

Primary dike construction in the center of Robinson Canal.

DATE: May 7, 2006 OBSERVATION REPORT NO: 43

Unit 418 dredging the oil infrastructure access canal near Station 118+74.

Unit 418 constructing the primary dike near Station 118+74.

View of the east side of the two equipment barges observed on the north side of the canal near Station 95+00.

View of the east side of equipment barge #1.

View of the west side of equipment barge #1.

View of the west side of equipment barge #2.

DATE: May 7, 2006 OBSERVATION REPORT NO: 43

View of the east side of equipment barge #2.

View of the primary dike located between Station 72+75 and Statior 77+60.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 8, 2006 | OBSERVATION REPORT NO: 44
OBSERVER: Andrew Wycklendt/Brian Kendrick | CONTRACT DAY: 174
ARRIVAL TIME: 10:30 DEPARTURE TIME: 12:00

WEATHER CONDITIONS: Partly Cloudy to Cloudy with Rain
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 2'-3', Bay: 0'-1'
WIND SPEED AND DIRECTION: S 10-15 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta 11+00, Unit 418 - Sta 118+74
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta 43+72, Unit 418 - Sta 119+25
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes
   Location: Primary Dike between Station 118+74 and Station 121+16.

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - between Station 11+00 and Station 43+72. — Observation #4
    Location2: Unit 418 - between Station 118+74 and Station 119+25. — Observation #3
11. Were previously constructed dikes observed? — No
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — N/A

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at:
19. The measured width of the constructed berm was:
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location:
23. Are sand fencing operations being conducted? — N/A
    Post installed to:
    Fencing attached to:
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 8, 2006 OBSERVATION REPORT NO: 44

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location1: Unit 418 - Between Station 118+74 and Station 119+25. Location2:	Yes	Discussion #5
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. A bird patrol was performed by Rachel Sweeney (NOAA), Andy Wycklendt (CPE) and Brian Kendrick (CPELA) between 10:00 AM and 11:30 AM along the east end of Chaland Island between Stations 116+00 and 146+00. A significant increase in bird population was observed since the last field observation by NOAA. Bird species included primarily Laughing Gulls, large white Common Terns, Brown Pelicans and Sandpipers. No bird nests or dive bombing was observed. No Least Terns or Piping Plovers were observed. Fresh ATV tracks were observed indicating WMI had performed a bird survey earlier in the morning.

2. Tim Vestal (WMI) and Anthony Vest (WMI) were observed surveying and re-staking the primary dike between Stations 43+72 and 53+40.

3. Unit 418 was observed dredging the oil infrastructure access canal near Station 119+00.

4. Unit 542 was observed maintaining the primary dike between Station 10+00 @ 10:00 AM and Station 43+72 @ 5:30 PM. The primary dike crest elevation at this location was approximately +5' to +6' NAVD.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. A meeting was held between Gary Johnson (WMI), Rachel Sweeney (NOAA), Brian Kendrick (CPELA) and Andy Wycklendt (CPE) between 12:30 PM and 1:30 PM to discuss the progress of the project. Gary Johnson stated that the dredge "Tom James" will finish up the Port Fourchon project in about 10 days but that he would not be ready in time. Gary Johnson indicated that the discharge pipe will arrive on-site sometime this week. Gary Johnson stated that the Quarter's Barge has been replenished with potable water. Gary Johnson indicated that the first lift of the Primary Dike crossing Robinson Canal took approximately 24 hours. Rachel Sweeney requested Brian Kendrick to evaluate the extension lengths of the settlement plates so that the stick-up is between 6 and 8 feet above grade. Gary Johnson stated that WMI will cut the extensions per the governments requirements at no cost.

2. I spoke with Rachel Sweeney during the bird survey and she indicated that the bird boomers are not required at this time, but that WMI should be performing bird patrols at least twice daily.

3. I spoke with Gary Johnson (WMI) regarding boat transportation for the CPE observer. Gary Johnson stated that the current skiff being utilized by the CPE observer will be repaired today.

4. I spoke with Tim Vestal (WMI) about the primary dike construction. Unit 542 will be placing a maintenance lift on the Primary Dike today between Station 11+00 and Station 53+40.

5. I spoke with Tim Vestal (WMI) about the oil infrastructure access canal dredging progress. Tim stated that Unit 418 began at Station 118+74 this morning and will continue dredging the southern half of the oil infrastructure access canal throughout the day.

6. I spoke with Gary Johnson (WMI) about the WMI DQCR. Gary stated that Tim will be leaving today and that he would generate today's report. Gary stated that DJ Johnston (WMI) would be in charge of the reports once he arrives tomorrow.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 8, 2006 OBSERVATION REPORT NO: 44

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

NOAA and CPE bird patrol on the east beach near Station 135+00.

NOAA and CPE bird patrol on the east beach near Station 140+00.

Primary dike construction near Station 34+04.

Gulf of Mexico wave conditions.

Unit 418 dredging the oil infrastructure access canal near Station 119+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 9, 2006 | OBSERVATION REPORT NO: 45
OBSERVER: Brian Kendrick | CONTRACT DAY: 175
ARRIVAL TIME: 6:30 | DEPARTURE TIME: 9:00
14:00 | 15:30

WEATHER CONDITIONS: Partly Cloudy to Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 2'-3', Bay: 0'-1'
WIND SPEED AND DIRECTION: S 10-15 mph
TEMPERATURE: 80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta. 102+80, Unit 418 - Sta. 119+25
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta. 104+00, Unit 418 - Sta. 119+60
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Discussion #2
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Primary Dike between Sta. 87+28 to 90+52 & Sta. 92+12 to 94+00.		Observation#2

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Stations 70+00 and 76+00 & 92+12 and 94+00.		Observation #1
	Location2: Unit 418 - between Station 119+25 and Station 119+60.		Observation #3
	Location3: Unit 878 - Sta. 138+75 and 140+19 & Sta. 135+68 and 137+08.		Observation #4
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 9, 2006 OBSERVATION REPORT NO: 45

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	Discussion #1
	Location1: Unit 418 - Between Station 119+25 and Station 119+60.		
	Location3: Unit 542 - Between Station 102+80 and Station 104+00.		
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	Yes	
	Relocated Quarter's Barge north of new Oil Infrastructure Access Canal.		
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 was observed dredging material from the Oil Infrastructure Access Canal between Stations 102+80 and 104+00 and loading five barges today. Dredge material from three of the barges was placed on the primary dike crossing Robinson Canal between Station 72+75 and Station 76+00. A total of five barge loads have been placed to date on the Robinson Canal primary dike which is approximately 75 to 100 feet wide and near elevation +2.5' NAVD. One barge load of dredge material was placed on the primary dike around the Hunt Petroleum riser platform between Stations 70+00 and 72+75 and the last barge load was placed on the primary dike between Stations 92+12 and 94+00.

2. Anthony Vest (WMI) was observed surveying and re-staking the primary dike between Stations 87+28 and 90+42 and between Stations 92+12 and 94+00. Tim Vestal (WMI) and David Johnson (WMI) were not on site.

3. Unit 418 was dredging the oil infrastructure access canal between Stations 119+25 and 119+60 for approximately 3 hours. Unit 418 was used primarily for picking up and setting anchors during the relocation of the Quarter's Barge.

4. Marsh buggy backhoe Unit 878 was observed capping the primary dike between Stations 138+75 and 140+19 and between Stations 135+68 and 137+08. Marsh buggy backhoe Unit 879 was not used today.

5. The Quarters Barge was relocated to the W Canal at Station 96+96, just north of the Oil Infrastructure Canal entrance between 13:30 and 14:30 today.

6. Hunt Petroleum was observed removing oil & gas debris near Station 29+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) and Ted Vestal (WMI). Gary Johnson stated WMI will be moving the quarters barge this afternoon and that David Johnson (WMI) will not be on-site today. Ted Vestal stated that Unit 542 will be placing material from the Oil Infrastructure Access Canal on the Robinson Canal primary dike, Unit 418 will be dredging the Oil Infrastructure Access Canal near Station 119+25 and the marsh buggy backhoe will be placing a final lift on the primary dike between Stations 135+68 and 140+51.

2. I spoke with Gary Johnson (WMI), Jason Manthey (NOAA), and Gordon Thomson (CPE) regarding the progress of the project and to resolve the contractors responsibility for maintaining a set of on-site as-built drawings. Jason Manthey stated that the primary dike realignments should be shown on the drawings. Gary Johnson stated that he would red line the realignment and reference the data sets to 8.5"x11" shop drawings.

3. I spoke with Gary Johnson (WMI) regarding boat transportation for the CPE observer. Gary Johnson stated that the current skiff being utilized by the observer is still being repaired and that a second skiff is now inoperable due to a broken steering column.

4. I spoke with Gary Johnson (WMI) regarding the bird patrols. Gary Johnson stated that two bird patrols were performed today along the entire length of the island and no bird nests were observed.

5. I spoke with Gary Johnson (WMI) regarding the WMI DQCR. Gary Johnson stated that he would generate today's report since David Johnston (WMI) was not on site. Gary indicated he will be off-site tomorrow and will return the following day and that Ted Vestal (WMI) will be in charge in his absence.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

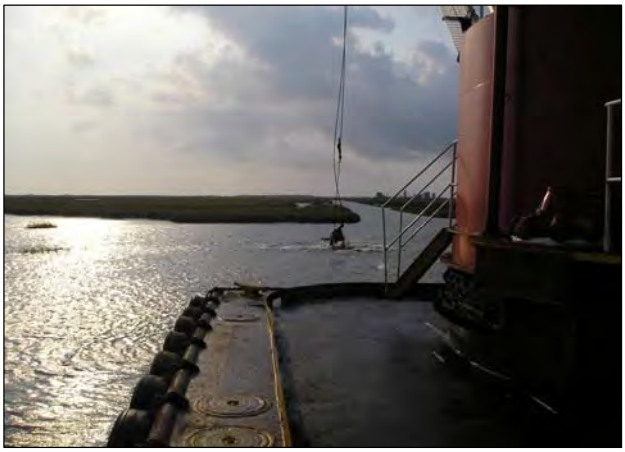
DATE: May 9, 2006 OBSERVATION REPORT NO: 45

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Maintenance lift constructed by Unit 542 near Station 41+00.

Hunt Petroleum removing Oil & Gas debris near Station 29+00.



Unit 542 dredging Infrastructure Canal near Station 102+00.

Primary Dike at Robinson Canal near Station 74+00.

Unit 542 dredging the Oil Infrastructure Access Canal near Station 102+50.

Gulf of Mexico wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 10, 2006 | OBSERVATION REPORT NO: 46
OBSERVER: Brian Kendrick | CONTRACT DAY: 176

ARRIVAL TIME:	7:30	DEPARTURE TIME:	8:30
	13:30		14:30
	16:00		17:00

WEATHER CONDITIONS:	Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 3'-4', Bay: 1'-2'
WIND SPEED AND DIRECTION:	S 15-20 mph
TEMPERATURE:	80°-85° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary dike, Closure #2, Oil Infra. Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 104+00, Unit 418 - Sta. 119+60
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 104+75, Unit 418 - Sta. 119+90
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	Yes	Discussion#5
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - Closure #2.		Observation #1
	Location2: Unit 418 - between Station 119+60 and Station 119+90.		Observation #3
	Location3: Unit 878 - between Station 135+00 and Station 135+68.		Observation #4
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 10, 2006 OBSERVATION REPORT NO: 46

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	Discussion #1
	Location1: Unit 418 - Between Station 119+60 and Station 120+20.		
	Location3: Unit 542 - Between Station 104+00 and Station 104+75.		
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	Discussion#1
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged material from the Oil Infrastructure Access Canal between Stations 104+00 and 104+75 and loaded six barges today. Dredge material from all of the barges was placed in Canal Closure #2 between Station 90+42 and Station 91+42.

2. No surveying was performed today. Tim Vestal (WMI) was not on site and Gary Johnson left the site at 10:00. David Johnson (WMI) arrived on-site at 11:00.

3. Unit 418 dredged material from the oil infrastructure access canal and constructed the first lift of the primary dike between Stations 119+60 and 119+90.

4. Marsh buggy backhoe Unit 878 worked approximately 3 hours shaping and capping the primary dike between Stations 135+00 and 135+68. Work was suspended until dredge material could be barged in. Marsh buggy backhoe Unit 879 was not used today.

5. A bird survey was performed by CPE from Station 111+50 to 150+19 between 13:30 and 14:30. No dive bombing or nesting was observed.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) and Ted Vestal (WMI). Ted stated that Unit 542 will be dredging material from the Oil Infrastructure Access Canal and placing it in Canal Closure #2 near Station 90+42, Unit 418 will be dredging the Oil Infrastructure Access Canal near Station 119+60 and the marsh buggy backhoe will be placing a final lift on the primary dike near Station 135+68.

2. I spoke with Gary Johnson (WMI). Gary stated that he performed two bird patrols yesterday and that no nesting was observed. Anthony Vest (WMI) will be performing bird patrols today.

3. I spoke with Gary Johnson (WMI) regarding boat transportation for the CPE observer. Gary stated that he will bring back supplies with him tomorrow to fix the skiff and that the second skiff will have to be taken off site for repairs.

4. I spoke with Gary Johnson (WMI) regarding the WMI DQCR. Gary stated that David Johnson (WMI) will be on site to generate the DQCR. Gary indicated he will be back on-site tomorrow and that David will be in charge in his absence.

5. I spoke with Anthony Vest (WMI). Anthony attempted to perform a bird patrol at 18:00 but was unable to complete due to skiff mechanical problems. Anthony did not get back to the Quarters Barge until 23:00 and was unable to contact anyone during the skiff breakdown.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 10, 2006 OBSERVATION REPORT NO: 46

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 dredging Oil Infrastructure Canal near Station 104+00.

Placement of dredge material in Canal Closure #2 near Statior 90+42.

Unit 418 dredging Infrastructure Canal near Station 120+00.

Primary Dike along Oil Inf. Access Canal near Station 120+00.

Unit 878 capping primary dike near Station 135+00.

Gulf of Mexico wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 11, 2006 | OBSERVATION REPORT NO: 47
OBSERVER: Brian Kendrick | CONTRACT DAY: 177

ARRIVAL TIME:	7:45	DEPARTURE TIME:	8:45
	12:15		13:15
	17:00		18:30

WEATHER CONDITIONS:	Cloudy to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 2'-4', Bay: 1'-2'
WIND SPEED AND DIRECTION:	N 15-30 mph
TEMPERATURE:	80°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary dike, Closure #2, Oil Infra. Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 104+75, Unit 418 - Sta. 119+90
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 105+50, Unit 418 - Sta. 120+50
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	Yes	Discussion#4
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - Closure #2.		Observation #1
	Location2: Unit 418 - between Station 119+90 and Station 120+50.		Observation #3
	Location3: Unit 878 - On standby waiting for barged material.		Observation #4
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 11, 2006 OBSERVATION REPORT NO: 47

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	Discussion #1
	Location1: Unit 418 - Between Station 119+90 and Station 120+50.		
	Location3: Unit 542 - Between Station 104+75 and Station 105+50.		
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	Discussion#1
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged material from the Oil Infrastructure Access Canal between Stations 104+75 and 105+50 and loaded six barges today. Dredge material from all of the barges was placed in Canal Closure #2 between Station 91+42 and Station 92+12. Canal Closure #2 is now closed and has a crest elevation approximately +2.5' NAVD.

2. No surveying was performed today. Tim Vestal (WMI) was not on site and Gary Johnson arrived back on site at 10:00. David Johnson (WMI) was on site reviewing C&C survey data.

3. Unit 418 dredged material from the oil infrastructure access canal and constructed the first lift of the primary dike between Stations 119+90 and 120+50. Access to the Hunt Petroleum facility through the OIAC is now possible.

4. Marsh buggy backhoe Unit 878 did not work today and is on standby waiting for dredge material to be barged in. Marsh buggy backhoe Unit 879 was not used today.

5. A bird patrol was performed by CPE from Station 111+50 to Station 150+19 between 17:00 and 18:30. No dive bombing or nesting was observed. WMI was observed performing a bird survey in the evening.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) and Ted Vestal (WMI). Ted stated that Unit 542 will be dredging material from the Oil Infrastructure Access Canal and placing it in Canal Closure #2 near Station 92+00, Unit 418 will be dredging the Oil Infrastructure Access Canal near Station 120+00 to construct the primary dike and marsh buggy backhoe Unit 878 is on standby near Station 135+68 waiting for material to be barged in.

2. I spoke with Gary Johnson (WMI) regarding the WMI DQCR. Gary stated that David Johnson (WMI) will generate the DQCR by noon.

3. I spoke to David Johnson (WMI). David stated that he was reviewing the C&C survey data for missing data and will be meeting with C&C tomorrow.

4. I spoke with Gary Johnson (WMI) regarding the skiff breakdown last night with Anthony Vest (WMI). Anthony did not get back to the Quarters Barge until 23:00 and was unable to contact anyone during the breakdown. Gary stated that he will address boating safety issues during their next safety meeting which will include carrying radios and/or cell phones at all times when off the Quarters Barge.

5. I spoke to Rachel Sweeney (NOAA) and Jason Manthey (NOAA) regarding the progress of the project, boating safety and Field Adjustment Report for the settlement plate extensions. Existing surface elevations must be obtained in order to complete the report.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 11, 2006 OBSERVATION REPORT NO: 47

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 dredging Oil Infrastructure Canal near Station 104+00.

Placement of dredge material in Canal Closure #2 near Statior 90+42.

Unit 418 dredging Infrastructure Canal near Station 120+00.

Primary Dike along Oil Inf. Access Canal near Station 120+00.

Unit 878 capping primary dike near Station 135+00.

Gulf of Mexico wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 12, 2006 | OBSERVATION REPORT NO: 48
OBSERVER: Brian Kendrick | CONTRACT DAY: 178

ARRIVAL TIME:	7:00	DEPARTURE TIME:	8:00
	10:30		12:00
	17:30		18:30

WEATHER CONDITIONS:	Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 0'-1', Bay: 0'-1'
WIND SPEED AND DIRECTION:	NW 0-10 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 105+50, Unit 418 - Sta. 120+50
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 106+50, Unit 418 - Sta. 121+30
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Sta. 92+12 and 93+00 & Sta. 83+00 and 87+00.		Observation #1
	Location2: Unit 418 - between Station 120+50 and Station 121+30.		Observation #2
	Location3: Unit 879 - near Station 11+00.		Observation #3
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 12, 2006 OBSERVATION REPORT NO: 48

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location1: Unit 418 - Between Station 120+50 and Station 121+30. Location3: Unit 542 - Between Station 105+50 and Station 106+50.	Yes	Discussion #1
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged material from the Oil Infrastructure Access Canal between Stations 105+50 and 106+50 and loaded six barges today. Dredge material from all of the barges was used to construct the second lift of the primary dike between Station 83+00 and Station 87+0 and between Stations 92+12 and 93+00. In addition, Unit 542 was also placing the second lift of the primary dike along the Oil Infrastructure Access Canal between Station 104+00 and Station 106+50. The second lift was stacking near the crest elevation of +5.5' NAVD at all locations.

2. Unit 418 dredged material from the oil infrastructure access canal and constructed the first lift of the primary dike between Stations 120+50 and 121+30.

3. Marsh buggy backhoe Unit 878 did not work today and is on standby waiting for dredge material to be barged in. Marsh buggy backhoe Unit 879 was observed constructing the western primary dike at Station 11+00. Approximately 40' to 50' of dike was constructed to a crest elevation of +5.5' NAVD.

4. No surveying was performed by WMI today. Tim Vestal (WMI) arrived on site late afternoon. David Johnson (WMI) was off site attending a meeting with C&C to review the survey data. A 4-man party crew from C&C Surveyors were on-site to complete the pre-construction survey.

5. A bird patrol was performed by CPE and Gary Johnson (WMI) from Station 111+50 to Station 150+19 between 10:30 and 12:30. No dive bombing or bird nesting was observed. A second ATV was placed on the east island (two total).

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) and Ted Vestal (WMI). Ted stated that Unit 542 will be dredging material from the Oil Infrastructure Access Canal near Station 105+50 and placing a second lift on the primary dike starting near Station 87+00 and heading westward, Unit 418 will be dredging the Oil Infrastructure Access Canal near Station 120+50 to construct the primary dike and marsh buggy backhoe Unit 878 is on standby near Station 135+68 waiting for material to be barged in. Ted stated that Unit 418 should reach the end of the Oil Infrastructure Access Canal (Station 121+30) by the end of the day. I stated that the government requested a copy of the permit before working out side the project permit.

2. I spoke with Gary Johnson (WMI) regarding the WMI DQCR. Gary stated that he will generate the DQCR by noon.

3. Gary Johnson and I spoke to the C&C surveyors. C&C gave Gary a drawing showing the work to be completed and I forward the layout to Gordon Thomson and the government via e-mail. C&C indicated that they would stop by the quarters barge once they finish their work.

4. I spoke with Gary Johnson (WMI), Ken Babin (Hunt Petroleum) and Rachel Sweeney (NOAA) regarding the proposed dredging outside the project permit. Gary stated WMI have a verbal agreement with Hunt Petroleum to borrow material from their canal, that the purpose of the dredging was for flotation so WMI can haul material to the east end of the island, and that a written agreement with Hunt was not necessary. I requested a copy of the permit from Mr. Babin and he stated he would fax the permit and that he spoke with WMI and gave his verbal authorization. Subsequently I e-mailed the permits to Gordon Thomson and the government. Rachel stated the government had no objections and to proceed.

5. I spoke with Tim Vestal (WMI). Tim stated that he will perform an evening bird patrol and that he will be staking out the primary dike between station 121+30 and 123+00 tomorrow.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 12, 2006 OBSERVATION REPORT NO: 48

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 dredging Oil Infrastructure Canal near Station 104+00, loading barge and placing 2nd lift on primary dike.

Unit 418 dredging Infrastructure Canal near Station 121+00..

Canal Closure #2, first lift.

Primary dike (second lift) near Station 59+00.

Unit 878 constructing primary dike near Station 11+00.

Gulf of Mexico wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 13, 2006 | OBSERVATION REPORT NO: 49
OBSERVER: Brian Kendrick | CONTRACT DAY: 179

ARRIVAL TIME:	7:00	DEPARTURE TIME:	8:30
	11:30		13:30
	16:30		17:30

WEATHER CONDITIONS:	Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 0'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION:	SW 5-10 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary dike, Closure 2, & Oil Infra. Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 106+50, Unit 418 - Sta. 121+30
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 108+00, Unit 418 - Sta. 122+00
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Primary Dike between Station 121+50 and Station 124+00.		Observation #1

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - btwn Sta. 59+00 and 62+00 & Sta.106+50 and 108+00.		Observation #1
	Location2: Unit 418 - between Station 120+50 and Station 121+30.		Observation #2
	Location3: Unit 879 - between 7+00 and Station 11+00.		Observation #3
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #4

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 13, 2006 OBSERVATION REPORT NO: 49

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location1: Unit 418 - Between Station 121+30 and Station 122+00. Location3: Unit 542 - Between Station 106+50 and Station 108+00.	Yes	Discussion #1
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged material from the Oil Infrastructure Access Canal between Stations 106+50 and 108+00 and loaded six barges today. Dredge material from five of the barges was used to construct the second lift of the primary dike between Station 59+00 and Station 62+00. The sixth barge was unloaded in the middle of Closure #2. In addition, Unit 542 was also placing the second lift of the primary dike along the Oil Infrastructure Access Canal between Station 106+50 and Station 108+00. The second lift was stacking near the crest elevation of +5.5' NAVD at all primary dike locations. No significant elevation increase was observed at Canal Closure #2. It appears that the material is still spreading and stacking to a maximum crest elevation of approximately +2.0 NAVD.

2. Unit 418 dredged material from the oil infrastructure access canal and constructed the first lift of the primary dike between Stations 121+30 and 122+00. Unit 418 is dredging out of the project permit limits and is working under Hunt Petroleum permit numbers CUP20050134 and MVN-2005-504-EKK.

3. Marsh buggy backhoe Unit 878 did not work today and is on standby waiting for dredge material to be barged in. Marsh buggy backhoe Unit 879 was observed constructing the western primary dike between Station 8+00 and Station 11+00. The primary dike crest elevation is stacking to +5.5' NAVD.

4. Tim Vestal (WMI) and David Johnson (WMI) performed primary dike layout between Station 121+50 and Station 124+00.

5. A bird patrol was performed by CPE and Gary Johnson (WMI) from Station 111+50 to Station 150+19 between 10:30 and 12:30. No dive bombing or bird nesting was observed. CPE performed a second bird patrol at the same location between 17:00 and 17:30. No dive bombing or bird nesting was observed.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) and Ted Vestal (WMI). Ted stated the following: Unit 542 will be dredging material from the Oil Infrastructure Access Canal near Station 106+50 and placing a second lift on the primary dike starting near Station 59+00 and heading eastward. Unit 418 will be dredging the Oil Infrastructure Access Canal near Station 121+30 to construct the primary dike. Marsh buggy backhoe Unit 878 is on standby near Station 135+68 waiting for material to be barged in. Marsh buggy backhoe Unit 879 mobilized to Station 11+00 yesterday and will resume constructing the western primary dike near Station 7+00. Gary stated that he is planning to off load both spill boxes near Station 119+00 and off load one D6 dozer at Station 92+12 to work on the access road along Robinson Canal.

2. I spoke with Gary Johnson (WMI) regarding the WMI DQCR. Gary stated that Tim Vestal (WMI) will generate the DQCR by noon today.

3. I spoke with Tim Vestal (WMI) and Gary Johnson (WMI). Tim stated that he had laid out the primary dike location between Station 121+50 and 124+00 this morning. I reminded Tim about maintaining a marked up as-built drawing on site. Tim stated he would work on it today and have it completed tomorrow.

4. I spoke with David Johnston (WMI). David provided me with the surface elevations at the settlement plate locations using the current C&C survey data so I could complete a Field Adjustment Report.

5. I spoke with Tim Vestal (WMI). Tim stated that he or Matt will perform an evening bird patrol.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 13, 2006 OBSERVATION REPORT NO: 49

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 placing 2nd lift on primary dike near Station 59+00.

Unit 542 placing 2nd lift on primary dike near Station 59+00.

Primary dike (second lift) near Station 108+00.

Unit 418 dredging Infrastructure Canal near Station 122+00.

Unit 878 constructing primary dike near Station 7+50.

Primary dike near Station 11+00 and Gulf of Mexico wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 14, 2006 | OBSERVATION REPORT NO: 50
OBSERVER: Brian Kendrick | CONTRACT DAY: 180
ARRIVAL TIME: 7:00 | DEPARTURE TIME: 8:30
11:30 | 13:30
16:30 | 17:30

WEATHER CONDITIONS: Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 0'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION: S 5-10 mph
TEMPERATURE: 75°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta. 108+00, Unit 418 - Sta. 122+00
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta. 110+00, Unit 418 - Sta. 123+00
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes
   Location: Primary Dike between Sta. 64+00 and Sta. 67+00. — Observation #4

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - btwn Sta. 62+00 and 67+91 & Sta.108+00 and 110+00. — Observation #1
    Location2: Unit 418 - between Sta. 122+00 and Sta. 123+00. — Observation #2
    Location3: Unit 879 - near Sta. 7+00. — Observation #3
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — Yes

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at: _____
19. The measured width of the constructed berm was: _____
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location: _____
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location: _____
23. Are sand fencing operations being conducted? — N/A
    Post installed to: _____
    Fencing attached to: _____
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 14, 2006 OBSERVATION REPORT NO: 50

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	Discussion #1
	Location1: Unit 418 - Between Sta. 121+30 and Sta. 122+00.		
	Location3: Unit 542 - Between Sta. 106+50 and Sta. 108+00.		
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	Yes	Discussion #4
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged material from the Oil Infrastructure Access Canal between Sta. 108+00 and Sta. 110+00 and loaded four barges today. Dredge material from all four barges was used to construct the second lift of the primary dike between Sta. 62+00 and Sta. 67+91. In addition, Unit 542 was also placing the second lift of the primary dike along the Oil Infrastructure Access Canal between Sta. 108+00 and Sta. 110+00. The second lift was stacking near the crest elevation of +5.5' NAVD at all primary dike locations.

2. Unit 418 dredged material from the oil infrastructure access canal and constructed the first lift of the primary dike between Sta. 122+00 and Sta. 123+00. Unit 418 is dredging out of the project permit limits and is working under Hunt Petroleum permit numbers CUP20050134 and MVN-2005-504-EKK.

3. Marsh buggy backhoe Unit 878 did not work today and is on standby waiting for dredge material to be delivered by barge. Marsh buggy backhoe Unit 879 was observed constructing the northwestern corner of the primary dike near Sta. 7+00. The operator was obtaining some of the material from an existing spoil mound. The primary dike crest elevation is stacking to +5.5' NAVD.

4. Tim Vestal (WMI) performed re-staking of primary dike between Sta. 64+00 and Sta. 67+00 and recording the elevations of the settlement plate installed at Sta. 63+08.

5. Bird patrols were performed by CPE and Gary Johnson (WMI) from Sta. 111+50 to Sta. 150+19 between 7:30 and 8:30 and between 12:00 and 12:30. No dive bombing or bird nesting was observed. WMI was observed performing an evening bird patrol on the central and western end of the island between 16:30 and 17:30 using the second ATV.

6. The settlement plate at Sta. 63+08 was placed between 11:00 and 12:00 today.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI), Ted Vestal (WMI) and Tim Vestal (WMI). Ted stated the following: Unit 542 unloaded 6 barges the previous day and will be dredging material from the Oil Infrastructure Access Canal near Sta. 108+00 today and placing a second lift on the primary dike starting near Sta. 62+00 and heading eastward. Unit 418 will be dredging the Oil Infrastructure Access Canal near Sta. 122+00 to construct the primary dike. Marsh buggy backhoe Unit 878 is on standby near Sta. 135+68 waiting for material to be barged in. Marsh buggy backhoe Unit 879 will resume constructing the western primary dike near Sta. 7+00. I reminded Gary and Tim that there is an inactive Hunt Petroleum flowline located near Sta. 123+50 that is not to be disturbed.

2. I spoke with Gary Johnson (WMI) regarding the WMI DQCR. Gary stated that Tim Vestal (WMI) will generate the DQCR today.

3. I spoke with Tim Vestal (WMI) and Gary Johnson (WMI) regarding the obtaining of material from existing stock piles, particularly near Sta. 7+00. Gary indicated that the government said it was ok. Subsequently, I spoke with Jason Manthey (NOAA) and he stated the WMI was to submit an RFI and get approval if they want to use this material. Gary stated that he would hold off on using any more of this material until obtaining approval from the government.

4. I spoke with Tim Vestal (WMI). Tim stated that he performed an evening bird patrol of the central and western islands yesterday evening

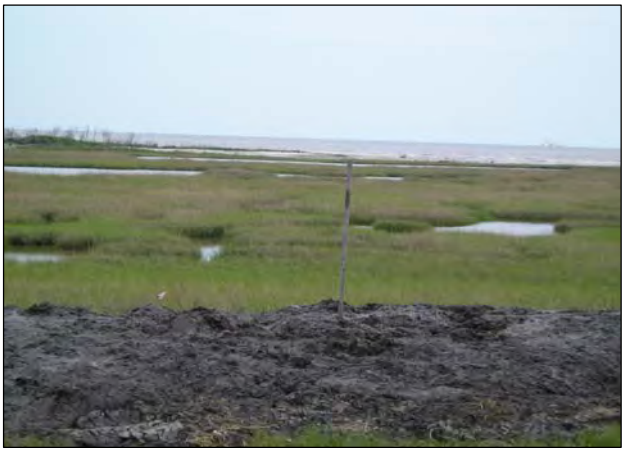
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 14, 2006 OBSERVATION REPORT NO: 50

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 placing second lift on primary dike near Sta. 64+00.



Unit 542 placing second lift on primary dike near Sta. 63+08 and settlement plate.

Unit 542 dredging OIAC near Sta. 110+00.

Unit 418 dredging OIAC near Sta. 123+00.

Unit 878 constructing primary dike near Sta. 7+00.

Bird patrol and Gulf of Mexico wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 15, 2006 | OBSERVATION REPORT NO: 51
OBSERVER: Brian Kendrick / Jonathan Rager | CONTRACT DAY: 181
ARRIVAL TIME: 15:30 DEPARTURE TIME: 16:45

WEATHER CONDITIONS: Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 2'-3', Bay: 2'-3'
WIND SPEED AND DIRECTION: N 10-15 mph
TEMPERATURE: 75°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta. 110+00, Unit 418 - Sta. 123+00
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta. 111+50, Unit 418 - Sta. 124+10
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes
   Location 1: Primary Dike between Sta. 67+00 and Sta. 72+75.
   Location 2: Hunt flow line at Sta. 124+40.

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - btwn Sta. 67+91 and 69+00 & Sta.110+00 and 111+50. — Observation #1
    Location2: Unit 542 - btwn Sta. 87+28 and 90+42 & Sta. 93+00 and 94+50.
    Location3: Unit 418 - between Sta. 123+00 and Sta. 124+10. — Observation #2
    Location4: Unit 879 - near Sta. 7+00. — Observation #3
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at:
19. The measured width of the constructed berm was:
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location:
23. Are sand fencing operations being conducted? — N/A
    Post installed to:
    Fencing attached to:
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 15, 2006 OBSERVATION REPORT NO: 51

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	Discussion #1
	Location1: Unit 418 - Between Sta. 122+00 and Sta. 124+10.		
	Location3: Unit 542 - Between Sta. 110+00 and Sta. 111+50.		
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	No	Discussion #2
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged material from the Oil Infrastructure Access Canal between Sta. 110+00 and Sta. 111+50 and loaded four barges today. Dredge material from all the barges was used to construct the second lift of the primary dike between Sta. 67+91 and Sta. 69+00, between Sta. 87+28 and Sta. 90+42, and between Sta. 93+00 and Sta. 94+50. In addition, Unit 542 placed the second lift of the primary dike along the Oil Infrastructure Access Canal between Sta. 110+00 and Sta. 111+50. The second lift was stacked near the crest elevation of +5.5' NAVD at all primary dike locations.

2. Unit 418 dredged material from the oil infrastructure access canal and constructed the first lift of the primary dike between Sta. 123+00 and Sta. 124+10. Unit 418 is dredging out of the project permit limits and is working under Hunt Petroleum permit numbers CUP20050134 and MVN-2005-504-EKK. Unite 418 was approximately 30 feet from the Hunt Petroleum flow line at 16:30.

3. Marsh buggy backhoe Unit 878 did not work today and is on standby waiting for dredge material to delivered by barge. Marsh buggy backhoe Unit 879 was observed constructing the primary dike near Sta. 7+00. The operator appeared to have stopped obtaining material from the existing spoil mound. The primary dike crest elevation is stacking to +5.5' NAVD. Unit 879 was stopped at the no excavation zone at 16:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke to Tim Vestal (WMI). Tim stated Unit 542 unloaded 4 barges the previous day and will be dredging material from the Oil Infrastructure Access Canal near Sta. 112+00 today. Production was low due to a very low tide last night. Material from the barges will be used to place a second lift on the primary dike starting near Sta. 62+00 and heading eastward. Unit 418 crossed over the Hunt Petroleum flow line earlier this morning and will be dredging the Oil Infrastructure Access Canal near Sta. 124+00 to construct the primary dike. Marsh buggy backhoe Unit 878 is on standby near Sta. 135+68 waiting for material to be barged in. Marsh buggy backhoe Unit 879 resumed constructing the western primary dike near Sta. 7+00.

2. I spoke with Jimmy (Crane Operator Unit 418) and Tim Vestal about dredging near the unmarked Hunt flow line near Sta. 124+00. Jimmy stated that he was aware of the flow line but was unaware of any minimum offset distance required by Hunt Petroleum. Tim stated that he would mark the flow line and will dredge to within 20 feet of the flow line, per his communications with Hunt Petroleum.

3. I spoke with Tim Vestal (WMI) regarding the WMI DQCR. Tim stated that he will generate the DQCR today.

4. Tim Vestal (WMI) stated that Ted Vestal performed a bird patrol this morning with no bird nesting observed and that he will perform an evening patrol.

5. I spoke with Tim Vestal (VMI), Jason Manthey (NOAA), Rachel Sweeney (NOAA), and Gordon Thomson (CPE) regarding exposed flow lines in and around the western primary dike near Sta. 7+00. The government indicated they initially thought that the flow line in the No Excavation Area was active but have since found out that the flow line is cut and abandoned. All parties agreed that it would be best not to cut or break the lines so that removal and disposal is not required.

6. Jason Manthey (NOAA) stated that he had not received the past two WMI DQCRs. The reports were sent at 17:00 after determining they were being sent to the wrong e-mail address.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 15, 2006 OBSERVATION REPORT NO: 51

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 placing 2nd lift on primary dike near Sta. 68+00.

Primary dike at Sta. 110+00 after second lift

Unit 542 dredging OIAC near Sta. 111+00.

Unit 418 dredging Infrastructure Canal near Sta. 123+00.

Unit 878 constructing primary dike near Sta. 7+00.

Unit 879 and Pass La Mer wave conditions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 16, 2006 | OBSERVATION REPORT NO: 52
OBSERVER: Jonathan Rager | CONTRACT DAY: 182
ARRIVAL TIME: 8:00 | DEPARTURE TIME: 9:45
13:30 | 15:30

WEATHER CONDITIONS: Clear
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 0'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION: NW 5-10 mph
TEMPERATURE: 70°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta. 111+50
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta. 113+00
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - btwn Sta. 70+00 and 73+00 & Sta.111+50 and 113+00. — Observation #1
    Location3: Unit 878 - near Sta. 138+75 — Observation #2
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at:
19. The measured width of the constructed berm was:
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location:
23. Are sand fencing operations being conducted? — N/A
    Post installed to:
    Fencing attached to:
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 16, 2006 OBSERVATION REPORT NO: 52

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location3: Unit 542 - Between Sta. 111+50 and Sta. 113+00.	Yes	Discussion #1
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged material from the Oil Infrastructure Access Canal between Sta. 111+50 and Sta. 113+00 and loaded 3 barges today. Dredge material from 2 barges was used to construct the second lift of the primary dike between Sta. 70+00 and Sta. 73+00.

2. Unit 878 performed some patchwork to the closure at Sta. 138+75.

3 A bird patrol was performed by CPE from Sta. 9+84 to Sta. 34+04 between 14:15 and 14:45. No dive bombing or bird nesting was observed.

4 Data for the settlement plate at Sta. 63+08 was received today.

5 Airboat operator came onboard to help surveyors restake marsh area 12:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Tim Vestal (WMI). Ted stated the following: Unit 542 unloaded 2 barges the previous day and will be placing a second lift on the primary dike starting near Sta. 94+00 and heading eastward. Unit 418 did not operate because the operator is onshore. No night shift work was done.

2. I spoke with Tim Vestal (WMI). Tim stated that he is nearly done with the "as-built" back dike drawings.

3. I spoke with Tim Vestal (WMI). Tim stated that he performed an evening bird patrol and that Ted Vestal (WMI) performed a morning bird patrol.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 16, 2006 OBSERVATION REPORT NO: 52

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Primary dike near Sta. 72+75 constructed by Unit 542

Primary dike at opening near Sta. 138+75 constructed by Unit 879

Unit 879 constructing primary dike near Sta. 137+08

Primary dike constructed past flow line and tying to spoil bank a
Sta. 124+40 by Unit 478

Unit 878 constructing primary dike near Sta. 7+00

Gulf of Mexico wave conditions on seaward side of Sta. 10+00

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 17, 2006 | OBSERVATION REPORT NO: 53
OBSERVER: Jonathan Rager | CONTRACT DAY: 183

ARRIVAL TIME:	DEPARTURE TIME:
7:30	8:30
9:45	11:15
15:20	16:15

WEATHER CONDITIONS: Clear
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 0'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION: NW 5-10 mph
TEMPERATURE: 70°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike & Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta. 96+96
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta. 101+80
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes
   Location: Marsh area (appx Sta. 19+00 to 35+00) — Observation #2

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - btwn Sta. 96+96 and Sta. 101+80 — Observation #1
    Location2: Unit 418 - btwn Sta. 134+00 and Sta. 135+68 — Observation #1
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at: _____
19. The measured width of the constructed berm was: _____
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location: _____
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location: _____
23. Are sand fencing operations being conducted? — N/A
    Post installed to: _____
    Fencing attached to: _____
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 17, 2006 OBSERVATION REPORT NO: 53

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - Between Sta. 96+96 and Sta. 101+80.	Yes	Discussion #1
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged material from the OIAC between Sta. 96+96 and Sta. 101+80 and loaded one barge today. Dredge material from the barge was used to construct the second lift of the primary dike between Sta. 134+00 and Sta. 135+68 by Unit 418. In addition, Unit 542 was also placing the second lift of the primary dike along the OIAC between Sta. 96+96 and Sta. 101+80.

2. Airboat operator and surveyors marked the target white flag on marsh stakes at the west end of the project area.

3. Richard Hartman (NOAA), Jason Manthey (NOAA), Rachel Sweeney (NOAA), and Gordon Thomson (CPE) arrived on site at 09:00. Richard, Jason, Rachel, and Brian Kendrick (CPE) departed at 14:00.

4. Three temporary caution signs have been posted at the closures located at Sta. 75+00, Sta. 92+00, and Sta. 0. They are on pvc pipe and with two inch orange stripes around the edges. The sign at Sta. 92+00 is shown on the next page. The signs follow the details shown in the plans (DE-2). They are not installed on the design wood pilings.

5. Bird patrol performed by bi-weekly meeting staff from 11:00 to 11:20 between Sta. 120+00 and Sta. 143+00. No dive bombing or bird nesting was observed.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The bi-weekly meeting was held today with Brian Kendrick (CPE), Richard Hartman (NOAA), Jason Manthey (NOAA), Jonathan Rager (CPE), Rachel Sweeney (NOAA), Gordon Thomson (CPE), and Tim Vestal (WMI) attending. Issues discussed were: the status on the pre-construction survey, daily quality control reports, use of existing stock piled materials, current construction schedule, temporary canal closure warning signs and status of migratory and protected birds. The meeting minutes provide the details of the meeting.

2. Rachel Sweeney, Jason Manthey, and Gordon Thomson discussed the excavation of the spoil bank between Sta. 7+00 and 9+00 for construction of the primary dike. It was decided that the existing excavation would be left as is, but that no more excavation from the spoil bank would be allowed. Material would be allowed from the excavation area approved in RFI #5. Tim Vestal (WMI) was informed of this. Tim was also told that any excavation outside of a noted excavation area elsewhere within the project footprint must be requested through an RFI.

3. Inconsistencies in the marsh stake marking levels were discussed by the NOAA Staff, CPE Staff, and Tim Vestal (WMI). Factors were discussed that could have affected the levels of the markings, such as incidental contact.

4. The appropriate timing for the marsh fill hold point inspection was discussed between NOAA staff and Tim Vestal (WMI).

5. Everyone present at the bi-weekly meeting bird patrol was informed not to perform bird patrols beyond the footprint of the project on the eastern island.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 17, 2006 OBSERVATION REPORT NO: 53

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes, the location and orientation of the canal closure signs will result in a field adjustment report.

Unit 542 placing second lift on primary dike near Sta. 95+00.

Unit 418 placing second lift on primary dike near Sta. 135+00.

Unit 542 dredging OIAC near Sta. 100

Airboat and surveyors placing target marker on marsh stakes (left), corrected marsh stake (right).

Temporary canal closure sign at Sta. 92+00.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 18, 2006 | OBSERVATION REPORT NO: 54
OBSERVER: Jonathan Rager | CONTRACT DAY: 184
ARRIVAL TIME: 7:30 | DEPARTURE TIME: 9:00
14:10 | 15:30

WEATHER CONDITIONS: Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 1'-3'
WIND SPEED AND DIRECTION: W 10-20 mph
TEMPERATURE: 75°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta. 96+96
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta. 101+80
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes
   Location: Marsh area (appx Sta. 14+98 to Sta. 35+00) — Observation #2

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - btwn Sta. 96+96 and Sta. 101+80 & Sta.80+50 and 82+00. — Observation #1
    Location2: Unit 418 - between Sta. 135+68 and Sta. 136+50. — Observation #1
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at: _____
19. The measured width of the constructed berm was: _____
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location: _____
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location: _____
23. Are sand fencing operations being conducted? — N/A
    Post installed to: _____
    Fencing attached to: _____
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 18, 2006 OBSERVATION REPORT NO: 54

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location1: Unit 542 - Near Sta. 101+80 Location2: Unit 542 - Between Sta. 96+96 and Sta. 101+80.	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed of a second lift on the primary dike between Sta. 80+50 and Sta. 82+00, continued work on placing the second lift between Sta. 96+96 and Sta. 101+80, and loaded 3 barges today. Unit 418 placed a second lift between Sta. 135+68 and Sta. 136+50. This was using material placed on the barge by Unit 452 from near Sta. 101+80.

2. Airboat operator and surveyors marked the target white flag on marsh stakes at the west end of the project area, approximately Sta. 14+98 to Sta. 35+00

3. Tim Vestal (WMI) left the site last night with Ted Vestal (WMI) taking over as head of operations.

4. Gordon Thomson (CPE) performed a site visit with me this morning. Gordon left site at 14:15.

5. Incorrect marsh stakings were observed near Sta. 15+00.

6. A barge was left behind and tied to the wellhead near Sta. 82+00.

7. I performed a bird patrol at 14:30 between Sta. 48+55 and Sta. 60+00. No dive bombing or bird nesting was observed.

8. At its lowest elevation, the primary dike at the Robinson Canal closure (Sta. 75+00) was approximately 0.25' above the high water level.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) performed a bird patrol this morning on the middle and eastern islands. No dive bombing or bird nesting was observed.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 18, 2006 OBSERVATION REPORT NO: 54

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 placing second lift on primary dike near Sta. 81+00.

Ceased excavation from spoil mound near Sta. 7+00.

Closure at end of Robinson Canal (Sta. 75+00). Note the low elevation.

Possible incorrect marsh staking (flags are too close to water level and inconsistent with those around them).

Barge that appeared near station 82+00.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 19, 2006 | OBSERVATION REPORT NO: 55
OBSERVER: Jonathan Rager | CONTRACT DAY: 185

ARRIVAL TIME:	7:15	DEPARTURE TIME:	8:00
	8:45		10:00
	12:30		14:30

WEATHER CONDITIONS:	Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 1'-3'
WIND SPEED AND DIRECTION:	WSW 10-20 mph
TEMPERATURE:	70°-80° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 96+96
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 101+80
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - btwn Sta. 96+96 and Sta. 101+80 & Sta. 74+25 and Sta. 75+80.		Observation #1
	Location2: Unit 418 - btwn Sta. 133+30 and Sta. 134+50.		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 19, 2006 OBSERVATION REPORT NO: 55

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes
	Location1: Unit 542 - Between Sta. 96+96 and Sta. 101+80.	
	Location2: Unit 542 - near Sta. 111+48	
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No
	Location:	
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 continued work on placing the second lift between Sta. 96+96 and Sta. 101+80, loaded 2 barges near Sta. 111+48, and placed more material on the Robinson Canal closure at Sta. 75+00. Part of the material for the canal closure primary dike came from the barge and part came from a spoil mound constructed by WMI as a source of dry material.

2. Unit 418 placed the first lift for the primary dike between Sta. 133+30 and Sta. 134+50. This material came from the OIAC via barge.

3. Closure at Robinson Canal (Sta. 75+00) received a lift and is now approximately 1.5' above high water level at its lowest point.

4. A second barge appeared alongside the first from yesterday near Sta. 82+00.

5. I performed a bird patrol between Sta. 111+48 and Sta. 150+19 at 09:30. No dive bombing or bird nesting was observed.

6. There was not any night shift work done by either dredge.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) performed a bird patrol this morning and afternoon. No dive bombing or bird nesting was observed.

2. Ted Vestal (WMI) stated that no progress has been made on the as-built drawings.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 19, 2006 OBSERVATION REPORT NO: 55

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 placing material on primary dike at Robinson Canal closure (Sta. 75+00).

Robinson Canal closure (Sta. 75+00) after material placement.

Unit 418 placing primary dike at between Sta. 133+30 and Sta. 134+50.

Unit 542 placing second lift on primary dike between Sta. 96+96 and Sta. 101+80.

Second barge appeared alongside previous one near Sta. 82+00.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 20, 2006 | OBSERVATION REPORT NO: 56
OBSERVER: Jonathan Rager | CONTRACT DAY: 186

ARRIVAL TIME:	7:35	DEPARTURE TIME:	9:15
	12:15		14:00
	16:15		17:00

WEATHER CONDITIONS:	Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 0'-2'
WIND SPEED AND DIRECTION:	SW 0-15 mph
TEMPERATURE:	75°-85° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 106+84
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 116+32
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - btwn Sta. 106+84 and Sta. 116+32		Observation #1
	Location2: Unit 418 - btwn Sta. 133+30 and Sta. 134+50.		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 20, 2006 OBSERVATION REPORT NO: 56

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - btwn Sta. 106+84 and Sta. 116+32	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed the second lift between Sta. 106+84 and Sta. 116+32 and loaded 2 barges. Much of the material excavated from the OIAC was placed on the seaward side of the primary dike.

2. Unit 418 placed the first lift for the primary dike between Sta. 133+30 and Sta. 134+50. The first lift is approximately 1.5' above the high water level, and there is approximately a 50' section that remains. The material came from the OIAC via barge.

3. A third barge, two tug boats, and a rig appeared alongside the other two barges yesterday near Sta. 82+00.

4. I performed a bird patrol between Sta. 7+00 and Sta. 34+04 at 13:00. No dive bombing or bird nesting was observed.

5. Neither Unit 542 nor Unit 418 performed any work during the night

6. The slumping caution sign at Sta. 75+00 was fixed by WMI.

7. The airboat operator departed yesterday afternoon (5/19).

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) performed a bird patrol this morning and afternoon. No dive bombing or bird nesting was observed.

2. Ted Vestal (WMI) stated that no progress has been made on the as-built drawings.

3. I spoke with the men operating the rig North of Sta. 106+64, and they stated that they are out here working for Hunt Petroleum cleaning the "goop" from wells.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 20, 2006 OBSERVATION REPORT NO: 56

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 placing material from OIAC behind primary dike between Sta. 106+64 and Sta. 116+32.

Robinson Canal (Sta. 75+00) closure sign after being fixed.

Unit 418 placing primary dike at between Sta. 134+50 and Sta. 131+00.

Rig working with Hunt Petroleum to clean old wells (pictured North of Sta. 106+64).

Third barge appeared alongside previous ones near Sta. 82+00.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 21, 2006 | OBSERVATION REPORT NO: 57
OBSERVER: Jonathan Rager | CONTRACT DAY: 187

ARRIVAL TIME:	7:35	DEPARTURE TIME:	9:15
	11:30		12:30
	16:00		16:45

WEATHER CONDITIONS:	Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 0'-2'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	75°-85° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 106+84
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 116+32
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - btwn Sta. 106+84 and Sta. 116+32		Observation #1
	Location2: Unit 418 - btwn Sta. 133+30 and Sta. 134+50		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 21, 2006 OBSERVATION REPORT NO: 57

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - btwn Sta. 106+84 and Sta. 116+32	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed the second lift between Sta. 106+84 and Sta. 116+32 and loaded 2 barges. Much of the material excavated from the OIAC was placed on the seaward side of the primary dike. The bucket on Unit 542 changed to one that has teeth. Excavation was started on the northern side of the canal between Sta. 133+00 and Sta. 118+50.

2. Unit 418 placed the first lift for the primary dike between Sta. 133+30 and Sta. 134+50. The first lift is approximately 1.5' above the high water level using material from the OIAC.

3. There is a 50' gap remaining in the primary dike between Sta. 133+30 and Sta. 134+50.

4. I performed a bird patrol between Sta. 48+56 and Sta. 59+00 at 12:00. No dive bombing or bird nesting was observed.

5. Neither Unit 542 nor Unit 418 performed any work during the night

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) performed a bird patrol this morning and afternoon. No dive bombing or bird nesting was observed.

2. Ted Vestal (WMI) stated that no progress has been made on the as-built drawings.

3. Ted Vestal (WMI) stated that the bucket was changed because the bottom was too hard for the smooth dredge.

4. Eric (WMI operator) stated that the west side of the gap between Sta. 133+30 and Sta. 134+50 is deeper than the rest (he approximated 6') and is requiring a little more fill than the rest of that section.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 21, 2006 OBSERVATION REPORT NO: 57

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 placing material from OIAC behind primary dike between Sta. 106+64 and Sta. 116+32.

Unit 542 changing bucket types to the one with teeth.

Unit 418 placing primary dike at between Sta. 134+50 and Sta. 131+00.

Cable released from Unit 542 bucket. This led to changing the bucket type.

Unit 542 loading barge from near Sta. 113+00.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 22, 2006 | OBSERVATION REPORT NO: 58
OBSERVER: Jonathan Rager | CONTRACT DAY: 188

ARRIVAL TIME:	7:00	DEPARTURE TIME:	7:30
	8:30		10:45
	18:30		19:15

WEATHER CONDITIONS:	Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 0'-2'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	75°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 106+84
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 116+32
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - btwn Sta. 106+84 and Sta. 116+32		Observation #1
	Location2: Unit 418 - btwn Sta. 133+30 and Sta. 134+50		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 22, 2006 OBSERVATION REPORT NO: 58

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - btwn Sta. 106+84 and Sta. 116+32	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed the second lift between Sta. 106+84 and Sta. 116+32 and loaded 2 barges. Much of the material excavated from the OIAC was placed on the seaward side of the primary dike. Small excavation resumed on the northern side of the canal between Sta. 133+00 and Sta. 118+50.

2. Unit 418 placed the first lift for the primary dike between Sta. 133+30 and Sta. 134+50. The first lift is approximately 1.5' above the high water level using material from the OIAC.

3. The primary dike gap between Sta. 133+30 and Sta. 134+50 has been filled.

4. Neither Unit 542 nor Unit 418 performed any work during the night

5. I could not perform the typical mid-afternoon observations as the boat provided for CPE was low on fuel. Fuel was not available till evening.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) performed a bird patrol this morning and afternoon. No dive bombing or bird nesting was observed.

2. Ted Vestal (WMI) stated that no progress has been made on the as-built drawings.

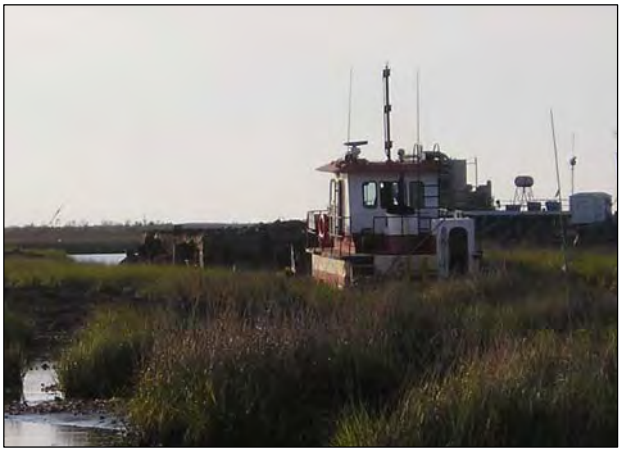
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 22, 2006 OBSERVATION REPORT NO: 58

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

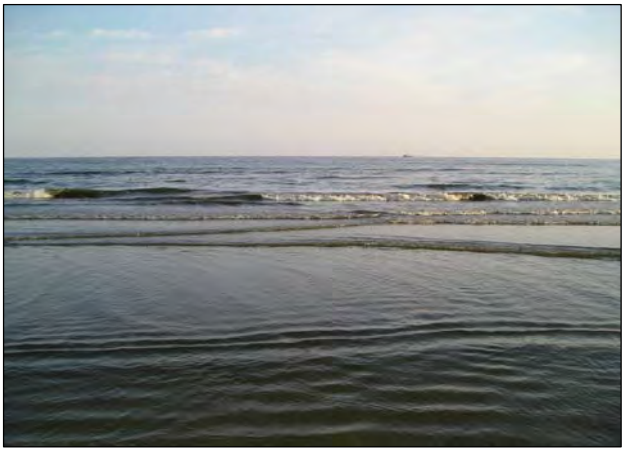
1. No.

Unit 542 placing material from OIAC behind primary dike between Sta. 106+64 and Sta. 116+32.



Barge being moved to Unit 418.

Primary dike at between Sta. 134+50 and Sta. 131+00 placed by Unit 418.



Gulf of Mexico wave conditions on seaward side of Sta. 124+40.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 23, 2006 | OBSERVATION REPORT NO: 59
OBSERVER: Jonathan Rager | CONTRACT DAY: 189

ARRIVAL TIME:	7:35	DEPARTURE TIME:	9:15
	11:30		13:00
	16:00		16:45

WEATHER CONDITIONS:	Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 0'-2'
WIND SPEED AND DIRECTION:	SE 5-15 mph
TEMPERATURE:	75°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 111+48
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 120+00
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Discussion #3
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: marsh area btwn Sta. 126+00 and Sta. 140+51		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - btwn Sta. 111+48 and Sta. 120+00		Observation #1
	Location2: Unit 418 - btwn Sta. 133+30 and Sta. 134+50		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 23, 2006 OBSERVATION REPORT NO: 59

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - btwn Sta. 111+48 and Sta. 120+00	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed the second lift between Sta. 106+84 and Sta. 116+32 and loaded 2 barges. Much of the material excavated from the OIAC was placed on the seaward side of the primary dike.

2. Unit 418 placed material on the primary dike between Sta. 133+30 and Sta. 134+50. The closure is at its highest about 5' from the low water level, but the majority of the closure is still at 1.5'.

3. Airboat operator arrived today at 11:00. The airboat and surveyors were observed staking the marsh area between Sta. 126+00 and Sta. 140+51.

4. Ted Vestal (WMI) departed last night, while Tim Vestal (WMI) arrived last night. Gary Johnson (WMI) arrived today at 14:00.

5. I performed a bird patrol between Sta. 5+00 and Sta. 34+04 at 12:00. No dive bombing or bird nesting was observed.

6. Neither Unit 542 nor Unit 418 performed any work during the night

7. Hunt Petroleum's barges relocated to the canal area north of Sta. 53+40 outside of Chaland Restoration project area.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) performed a bird patrol this morning and Tim Vestal (WMI) did one this afternoon. No dive bombing or bird nesting was observed.

2. Gary Johnson (WMI) stated that the Tom James is in Grand Isle and that the submerged line pipe will start being installed tomorrow (5/24).

3. Tim Vestal (WMI) stated that they will start surverying the primary dikes for elevation heights as progress towards the as-built drawings.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 23, 2006 OBSERVATION REPORT NO: 59

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 542 placing material from OIAC behind primary dike between Sta. 106+64 and Sta. 116+32.

Tim Vestal (WMI) performing a bird patrol.

Unit 418 placing primary dike at between Sta. 134+50 and Sta. 131+00 in the morning.

Unit 418 placing primary dike between Sta. 134+50 and Sta. 131+00 in the evening after being built up on one end.

Where Hunt Petroleum's barges were formerly located (Sta. 82+00).

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 24, 2006 | OBSERVATION REPORT NO: 60
OBSERVER: Jonathan Rager | CONTRACT DAY: 190
ARRIVAL TIME: 8:15 | DEPARTURE TIME: 10:30
12:30 | 14:00
16:15 | 17:30

WEATHER CONDITIONS: Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 0'-2'
WIND SPEED AND DIRECTION: SE 0-5 mph
TEMPERATURE: 75°-90° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta. 106+84
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta. 116+32
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Discussion #2
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: marsh area btwn Sta. 116+32 and Sta. 150+19		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - btwn Sta. 106+84 and Sta. 116+32		Observation #1
	Location2: Unit 418 - btwn Sta. 133+30 and Sta. 134+50		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 24, 2006 OBSERVATION REPORT NO: 60

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - btwn Sta. 106+84 and Sta. 116+32	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed the second lift between Sta. 106+84 and Sta. 116+32 and loaded 2 barges. Much of the material excavated from the OIAC was placed on the seaward side of the primary dike. Approximately 100' of excavation was done on the northern side of the canal between Sta. 113+00 and Sta. 116+32.

2. Unit 418 placed material on the primary dike between Sta. 133+30 and Sta. 134+50. The closure is at its highest about 8' from the low water level, but the majority of the closure is still at 1.5'.

3. Tim Vestal (WMI) and Duston French (WMI) were observed measuring elevations on the primary dikes near Sta. 60+00.

4. Neither Unit 542 nor Unit 418 performed any work during the night

5. The pipe and tugs for the dredge pipeline installation arrived on site today. 6 x 720' segments of the submerged line pipe were installed.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) and Tim Vestal (WMI) performed the bird patrols this morning and afternoon. No dive bombing or bird nesting was observed.

2. Tim Vestal (WMI) stated that he and Duston French (WMI) began taking elevations on the primary dike this afternoon as progress towards the as-built drawings.

3. Gary Johnson (WMI) spoke with the Grand Isle Port Commission regarding the Tom James and described the problem as resolved.

4. Gary Johnson (WMI) stated that he is hoping to update the construction schedule this week.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 24, 2006 OBSERVATION REPORT NO: 60

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

The WMI tugs installing the submerged pipeline.

Unit 878 positioning submerged pipeline and bringing it to shore near Sta. 24+36.

Primary dike at between Sta. 134+50 and Sta. 131+00 placed by Unit 418.

Submerged pipeline after being brought to shore and submerged Buoys on pipe can be seen in the background.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 25, 2006 | OBSERVATION REPORT NO: 61
OBSERVER: Jonathan Rager | CONTRACT DAY: 191

ARRIVAL TIME:	7:20	DEPARTURE TIME:	8:45
	11:45		13:00
	16:00		16:45

WEATHER CONDITIONS: Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 0'-2'
WIND SPEED AND DIRECTION: S 0-5 mph
TEMPERATURE: 80°-90° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Equipment relocation and repair
STARTING STATION OF CANAL DREDGING:
ENDING STATION OF CANAL DREDGING:
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Discussion #2
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	Yes
	Location: marsh area btwn Sta. 94+00 and Sta. 101+80	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	Yes
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 25, 2006 OBSERVATION REPORT NO: 61

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. One dozer and the Dump Shack were offloaded by barge on the landward side of the island near Sta. 19+52, and one dozer was offloaded near Sta. 80+00. The dozer at Sta. 80+00 built a flat area as a place for future equipment to be offloaded by barge.

2. The primary dike near Sta. 90+00 requires approximately 1.5' of fill for it to reach final grade.

3. Neither Unit 542 nor Unit 418 performed any work today.

4. Surveyors were observed staking the marsh area between Sta. 94+00 and Sta. 101+80.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) and Tim Vestal (WMI) performed the bird patrols this morning and afternoon. No dive bombing or bird nesting was observed.

2. Tim Vestal (WMI) stated that he and Duston French (WMI) successfully measured all the dike center line elevations between Sta. 58+23 and Sta. 92+12 yesterday as progress towards the as-built drawings. All sections met grade except for the an area around Sta. 67+91 and the closures at Sta. 75+00 and Sta. 91+00.

3. Tim Vestal (WMI) was reminded about the minutes for 5/17's bi-weekly meeting.

4. Gary Johnson (WMI) stated that Unit 542's boom was under repair today and confirmed that Unit 542 and Unit 418 did not perform any work today.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 25, 2006 OBSERVATION REPORT NO: 61

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Barge being brought to shore to offload equipment near Sta. 19+52.

Dozer and Dump Shack left at Sta. 19+52.

Unit 542 with its boom under repair near Sta. 106+64.

Grade stake placed on primary dike by Tim Vestal (WMI) near Sta 82+00.

Neither Unit 418 nor Unit 542 performed any work today.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 26, 2006 | OBSERVATION REPORT NO: 62
OBSERVER: Jonathan Rager | CONTRACT DAY: 192
ARRIVAL TIME: 8:45 | DEPARTURE TIME: 10:00
15:30 | 16:45

WEATHER CONDITIONS: Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 0'-2'
WIND SPEED AND DIRECTION: S 0-5 mph
TEMPERATURE: 80°-90° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Equipment Relocation and Repair & Primary Dike Construction
STARTING STATION OF CANAL DREDGING: Sta. 113+00
ENDING STATION OF CANAL DREDGING: Sta. 116+32
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Discussion #2
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes
	Location: Unit 879 - btwn Sta. 137+50 and Sta. 138+50	
11.	Were previously constructed dikes observed?	Yes
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 26, 2006 OBSERVATION REPORT NO: 62

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: btwn Sta. 113+00 and Sta. 116+32	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 879 was observed adding material to the primary dike at Sta. 138+00.
2. The primary dike near Sta. 82+00 requires approximately 2.5' of fill for it to reach final grade.
3. Neither Unit 542 nor Unit 418 performed any work during the night.
4. The spill boxes were offloaded near Sta. 119+00 yesterday (5/25).
5. Unit 542 began operating at 15:30 by excavating approximately 30' of the northern half of the OIAC between Sta. 113+00 and Sta. 116+32 and loaded 1 barge.
6. Tim Vestal (WMI) departed this afternoon.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) and Tim Vestal (WMI) performed the bird patrols this morning and afternoon. No dive bombing or bird nesting was observed.
2. Tim Vestal (WMI) stated that he and Duston French (WMI) successfully measured all the dike center line elevations between Sta. 92+12 and Sta. 111+48 as progress towards the as-built drawings.
3. Gary Johnson (WMI) stated that the night buoys for the submerged line pipe have been installed.
4. Gary Johnson (WMI) stated that Unit 542's boom was still under repair this morning and early afternoon.
5. Gary Johnson (WMI) stated that the crew of the Tom James installed 6 x 720' segments of submerged line pipe today, bringing the total number to 19 segments at 13,680'.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 26, 2006 OBSERVATION REPORT NO: 62

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Spill boxes offloaded by Unit 418 yesterday (5/25) at Sta. 121+16.

Unit 542 excavating the northern half of the OIAC near Sta. 116+32.

Unit 879 performing a lift to the primary dike at Sta. 138+00.

Grade stake placed on primary dike by Tim Vestal (WMI) near Sta 82+00. Shown at high tide.

One of the night buoys installed over the submerged pipe line.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 27, 2006 | OBSERVATION REPORT NO: 63
OBSERVER: Jonathan Rager | CONTRACT DAY: 193
ARRIVAL TIME: 11:30 | DEPARTURE TIME: 13:00
16:30 | 17:15

WEATHER CONDITIONS: Clear to Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 2'-4'
WIND SPEED AND DIRECTION: SE 5-15 mph
TEMPERATURE: 75°-85° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Sta. 113+00 & Sta. 94+00
ENDING STATION OF CANAL DREDGING: Unit 542 - Sta. 116+32 & Sta. 101+80
FILL AREA EXTENDS TO STATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — No
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   If the daily quality control report is incomplete, what is missing?
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — Yes
    Location1: Unit 542 - btwn Sta. 94+00 and Sta. 101+80 — Observation #1
    Location2: Unit 418 - btwn Sta. 90+42 and Sta. 92+12. — Observation #2
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No
14. Are borrow area overburden removal operations being conducted at this time? — N/A
15. Are the borrow area buoys in place and working properly? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Does the material appear to meet technical requirements? — N/A
18. A representative sand sample was collected at:
19. The measured width of the constructed berm was:
20. Are escarpments being leveled? — N/A
21. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:
22. Is an acceptance survey for a completed section being conducted today? — N/A
    Location:
23. Are sand fencing operations being conducted? — N/A
    Post installed to:
    Fencing attached to:
24. Is fencing being installed within 7 days of fill placement acceptance? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 27, 2006 OBSERVATION REPORT NO: 63

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes
	Location1: Unit 542 - btwn Sta. 113+00 and Sta. 116+32	
	Location2: Unit 542 - btwn Sta. 94+00 and Sta. 101+80	
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No
	Location:	
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed the second lift between Sta. 94+00 and Sta. 101+80 and raised the dike approximately 1'. It also loaded 2 barges while excavating the northern half of the OIAC between Sta. 113+00 and Sta. 116+32.

2. Unit 418 placed additional material on the primary dike between Sta. 90+42 and Sta. 92+12. The material came from the OIAC via 2 barges and raised the dike approximately 2' across the entire closure.

3. I performed a bird patrol between Sta. 7+00 and Sta. 34+04 at 12:00. No dive bombing or bird nesting was observed.

4. Neither Unit 542 nor Unit 418 performed any work during the night

5. The primary dike at Sta. 7+00, which is exposed to the opening on the west end of the project footprint, is showing cracks on its surface. There has always been steady erosion at this point, but these cracks are usually precursors to heavy erosion.

6. Ted Vestal (WMI) arrived yesterday (5/26).

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) performed a bird patrol this morning and afternoon. No dive bombing or bird nesting was observed. The middle island between Sta. 63+08 and Sta. 106+64 could not be reached due to high waters preventing a crossing at the channel between Sta. 58+23 and Sta. 63+08.

2. Ted Vestal (WMI) stated that no progress was made today on the as-built drawings.

3. Gary Johnson (WMI) stated that 4 x 720' segments of submerged line pipe were installed today bringing the total length to 23 segments at 16,560'.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 27, 2006 OBSERVATION REPORT NO: 63

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Cracks appearing on primary dike at Sta. 7+00.

Exposed side of primary dike at Sta. 7+00.

Unit 418 placing additional material on primary dike at closure between Sta. 90+42 and Sta. 92+12.

Height of primary dike at the closure between Sta. 90+42 and Sta. 92+12 after material was added today.

Unit 542 placing material from OIAC on the primary dike between Sta. 94+00 and Sta. 101+80.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 28, 2006 | OBSERVATION REPORT NO: 64
OBSERVER: Jonathan Rager | CONTRACT DAY: 194

ARRIVAL TIME:	9:45	DEPARTURE TIME:	10:30
	11:40		12:30
	16:15		17:00

WEATHER CONDITIONS:	Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 2'-4'
WIND SPEED AND DIRECTION:	SE 5-15 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 & Unit 418 - Sta. 113+00
ENDING STATION OF CANAL DREDGING:	Unit 542 & Unit 418 - Sta. 116+32
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - btwn Sta. 43+72 and Sta. 48+56		Observation #1
	Location2: Unit 418 - btwn Sta. 90+42 and Sta. 92+12.		Observation #2
	Location3: Unit 418 - btwn Sta. 72+75 and Sta. 76+00		Observation #3
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 28, 2006 OBSERVATION REPORT NO: 64

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes
	Location1: Unit 542 - btwn Sta. 113+00 and Sta. 116+32	
	Location2: Unit 418 - btwn Sta. 113+00 and Sta. 116+32	
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No
	Location:	
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed the second lift between Sta. 38+88 and Sta. 44+50 and raised the dike approximately 1'. It also loaded 1 barge while excavating the northern half of the OIAC between Sta. 113+00 and Sta. 116+32.

2. Unit 418 placed additional material on the closure and primary dike between Sta. 90+42 and Sta. 92+12. The material came from the OIAC via barge.

3. Unit 418 placed additional material on the primary dike at the Robinson Canal closure between Sta. 73+00 and Sta. 76+00. This material came from the OIAC via barge.

4. Unit 418 loaded 1 barge from the northern half of the OIAC between Sta. 113+00 and Sta. 116+32.

5. I performed a bird patrol between Sta. 111+48 and Sta. 150+19 at 10:00. No dive bombing or bird nesting was observed.

6. Neither Unit 542 nor Unit 418 performed any work during the night

7. The primary dike at Sta. 7+00, which is exposed to the opening on the west end of the project footprint, eroded a significant amount over the past 24 hours. At its narrowest point, the dike is 1' wide.

8. The temporary "Canal Closed" sign at the Robinson Canal closure (Sta. 75+00) was removed for construction.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) performed a bird patrol this morning and afternoon. No dive bombing or bird nesting was observed. The middle island between Sta. 63+08 and Sta. 106+64 could not be surveyed because the ATV for crossing the channel between Sta. 58+23 and Sta. 63+08 was taken offsite by WMI. However, a new vehicle is expected within a few days.

2. Ted Vestal (WMI) stated that no progress was made today on the as-built drawings.

3. Gary Johnson (WMI) stated that the borrow area buoys were installed today and that the Tom James will be moving to the borrow area tomorrow. The Tom James could also begin sucking the top layer of mud tomorrow.

4. Gary Johnson (WMI) stated that he plans to release a new Order of Work within the next few days.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 28, 2006 OBSERVATION REPORT NO: 64

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Significant erosion on the primary dike at Sta. 7+00.

Sinking of closure between Sta. 133+30 and Sta. 134+50.

Unit 418 placing material from the OIAC in a barge near Sta. 116+32.

Another layer of material placed by Unit 542 between Sta. 38+88 and Sta. 44+50.

Barge being moved to closure at Sta. 75+00 from OIAC.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 29, 2006 | OBSERVATION REPORT NO: 65
OBSERVER: Jonathan Rager | CONTRACT DAY: 195

ARRIVAL TIME:	7:00	DEPARTURE TIME:	7:45
	11:15		11:45
	16:30		17:00

WEATHER CONDITIONS:	Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 2'-4'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 & Unit 418 - Sta. 113+00
ENDING STATION OF CANAL DREDGING:	Unit 542 & Unit 418 - Sta. 117+00
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
3.	Did contractor make progress towards the as-built drawings and specifications?	No	
4.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
5.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Sta. 44+50 and Sta. 48+56		Observation #1
	Location2: Unit 542 - between Sta. 90+42 and Sta. 92+12		Observation #1
	Location3: Unit 418 - between Sta. 73+00 and Sta. 76+00		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 29, 2006 OBSERVATION REPORT NO: 65

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes
	Location1: Unit 542 - between Sta. 113+00 and Sta. 116+32	
	Location2: Unit 418 - between Sta. 113+00 and Sta. 116+32	
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No
	Location:	
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed the second lift between Sta. 44+50 and Sta. 48+56 and made an attempt to add material to the closure between Sta. 90+42 and Sta. 92+12. Unit 542 loaded 2 barges today with material from the northern side of the OIAC between Sta. 115+00 and Sta. 117+00.

2. Unit 418 placed additional material on the primary dike at the Robinson Canal closure between Sta. 73+00 and Sta. 76+00. This material came from the OIAC via barge.

3. Unit 418 loaded 1/2 barge from the northern half of the OIAC between Sta. 113+00 and Sta. 116+32.

4. Neither Unit 542 nor Unit 418 performed any work during the night

5. The erosion of the primary dike at Sta. 7+00, which is exposed to the opening on the west end of the project footprint, continued.

6. Tim Vestal (WMI) arrived today.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Duston French (WMI) performed a bird patrol this morning and afternoon. No dive bombing or bird nesting was observed. The middle island between Sta. 63+08 and Sta. 106+64 could not be surveyed because the ATV for crossing the channel between Sta. 58+23 and Sta. 63+08 was taken offsite by WMI. However, a new vehicle is expected within a few days.

2. Ted Vestal (WMI) stated that no progress was made today on the as-built drawings.

3. Gary Johnson (WMI) stated that the Tom James started dredging mud off of the borrow area to uncover the sand today.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 29, 2006 OBSERVATION REPORT NO: 65

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Significant erosion of the primary dike at Sta. 7+00.

Unit 418 unloading material onto the Robinson Canal closure at Sta 75+00.

Unit 542 placing material on primary dike near Sta. 44+50.

Unit 542 adding material to the closure between Sta. 90+42 and Sta. 92+12.

Unit 542 loading barge near Sta. 116+32.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 30, 2006 | OBSERVATION REPORT NO: 66
OBSERVER: Jonathan Rager | CONTRACT DAY: 196

ARRIVAL TIME:	7:30	DEPARTURE TIME:	8:15
	11:39		13:00
	16:00		16:45

WEATHER CONDITIONS:	Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 1'-3'
WIND SPEED AND DIRECTION:	E 5-15 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 115+00
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 117+00
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
	Did contractor make progress towards the as-built drawings and specifications?	No	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 418 - between Sta. 67+91 and Sta. 72+75		Observation #2
	Location2: Unit 418 - between Sta. 124+00 and Sta. 126+00		Observation #2
	Location3: Unit 879 - between Sta. 131+00 and Sta. 134+50		Observation #3
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 30, 2006 OBSERVATION REPORT NO: 66

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - between Sta. 115+00 and Sta. 116+32	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 loaded 2 barges today with material from the northern side of the OIAC between Sta. 115+00 and Sta. 117+00.

2. Unit 418 placed additional material on the primary dike between Sta. 67+91 and Sta. 72+75. Unit 418 began building the primary dike at the closure between Sta. 124+00 and Sta. 126+00. This material came from the OIAC via barge.

3. Unit 879 placed stockpiled material on the primary dike between Sta. 131+00 and Sta. 134+50.

4. Trash was seen gathered into small piles on the western island between Sta. 7+00 and Sta. 24+36.

5. Neither Unit 542 nor Unit 418 performed any work during the night

6. The erosion of the primary dike at Sta. 7+00, which is exposed to the opening on the west end of the project footprint, continued. At its narrowest, the crest of the dike is 0'.

7. Gary Johnson (WMI) departed at 17:00. He will return Thursday morning.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Tim Vestal (WMI) performed a bird patrol this morning and afternoon. No dive bombing or bird nesting was observed. The middle island between Sta. 63+08 and Sta. 106+64 could not be surveyed because the ATV for crossing the channel between Sta. 58+23 and Sta. 63+08 was taken offsite by WMI. However, a new vehicle is expected within a few days.

2. Tim Vestal (WMI) stated that no progress was made today on the as-built drawings.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 30, 2006 OBSERVATION REPORT NO: 66

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Erosion of the primary dike at Sta. 7+00.

Unit 418 unloading material onto the primary dike between Sta 67+91 and Sta. 72+75.

Unit 418 placing 1st lift on closure between Sta. 124+00 and Sta. 126+00.

Unit 879 placing material on primary dike between Sta. 131+00 and Sta. 134+50.

An example of piled trash between Sta. 7+00 and Sta. 24+36.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: May 31, 2006 | OBSERVATION REPORT NO: 67
OBSERVER: Jonathan Rager | CONTRACT DAY: 197

ARRIVAL TIME:	7:00	DEPARTURE TIME:	8:00
	11:30		13:00
	14:00		15:00
	17:15		18:00

WEATHER CONDITIONS:	Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 1'-3'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike and Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Sta. 115+00 & Sta. 98+00
ENDING STATION OF CANAL DREDGING:	Unit 542 - Sta. 117+00 & Sta. 101+80
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	
	Did contractor make progress towards the as-built drawings and specifications?	Yes	Discussion #2
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Water Discharge Area - between Sta. 103+00 and Sta. 124+40		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Sta. 98+00 and Sta. 101+80		Observation #1
	Location2: Unit 418 - between Sta. 124+00 and Sta. 126+00		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No
14.	Are borrow area overburden removal operations being conducted at this time?	N/A
15.	Are the borrow area buoys in place and working properly?	N/A

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: May 31, 2006 OBSERVATION REPORT NO: 67

Marsh Fill

25.	Is material being discharged into marsh area?	No
26.	Is the discharge pipe being moved?	N/A
27.	Does any fill appear to be stacking above the fill template?	N/A

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - between Sta. 116+32 and Sta. 118+00	Yes
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No
30.	Has required coordination with utility operators occurred?	N/A
31.	Was work performed today on canal closures?	No
32.	Have any settlement plates been installed today?	No
33.	Did any other work activities of note occur today?	No
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 loaded 4 barges today with material from the northern side of the OIAC between Sta. 115+00 and Sta. 117+00 and placed material behind the primary dike between Sta. 98+00 and Sta. 101+80.

2. Unit 418 continued performing the first lift on the primary dike at the closure between Sta. 124+00 and Sta. 126+00. This material came from the OIAC via barge.

3. Unit 878 stockpiled material for the primary dike at Sta. 7+00 from the area between Sta. 7+00 and Sta. 12+00 in front of the spoil mound.

4. Workers were observed cleaning up trash on the primary dike between Sta. 14+98 and Sta. 24+36.

5. Neither Unit 542 nor Unit 418 performed any work during the night

6. 4+ operators came onboard today.

7. The Tom James continued casting dredged material overboard.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Tim Vestal (WMI) performed a bird patrol this morning and afternoon. No dive bombing or bird nesting was observed. The middle island between Sta. 63+08 and Sta. 106+64 could not be surveyed because the ATV for crossing the channel between Sta. 58+23 and Sta. 63+08 was taken offsite by WMI. However, a new vehicle is expected within a few days.

2. Tim Vestal (WMI) stated he corrected the alignment of the primary dike as progress on the as-built drawings.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: May 31, 2006 OBSERVATION REPORT NO: 67

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 418 placing 1st lift on closure between Sta. 124+00 and Sta. 126+00.

Unit 542 loading a barge with excavated material from the northerr side of the OIAC between Sta. 115+00 and Sta. 117+00.

Unit 542 placing material from OIAC behind primary dike between Sta. 98+00 and Sta. 101+80.

Unit 878 stockpiling material for the primary dike at Sta. 7+00..

Surveyors staking the water discharge area near Sta. 111+48.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 1, 2006 | OBSERVATION REPORT NO: 68
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 198

ARRIVAL TIME:	7:00	DEPARTURE TIME:	7:45
	8:45		11:30
	15:30		17:30

WEATHER CONDITIONS:	Clear
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 1'-2', Bay: 0'-1'
WIND SPEED AND DIRECTION:	S 0-5 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Station 113+90
ENDING STATION OF CANAL DREDGING:	Unit 542 - Station 116+32
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	Observation #1
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 418 - the canal closure at Station 124+40.		Observation #3
	Location2: Unit 878 - the north-south primary dike near Station 7+00.		Observation #9
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #6
14.	Are borrow area overburden removal operations being conducted at this time?	Yes	
15.	Are the borrow area buoys in place and working properly?	Yes	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 1, 2006 OBSERVATION REPORT NO: 68

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - between Station 113+90 and Station 116+32.	Yes	Observation #2
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	Observation #3
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Weeks Marine was observed clearing debris between Station 9+84 and Station 34+04. Wood that has not been pressure treated, primarily driftwood, was separated from the other cleared materials and was piled on the beach near Station 30+00. See discussion item #1.

2. Unit 542 was observed dredging the Oil Infrastructure Access Canal near Station 113+90. The dredged material was sidecasted south of the primary dike.

3. Unity 418 was observed closing the canal near Station 124+40.

4. Jason Manthey (NOAA), Barry Richard (DNR), Brian Kendrick (CPE), and I arrived on-site at 8:30. Jason, Barry, Brian, Jonathan Rager (CPE), and I performed a site observation between 8:45 and 11:30.

5. A marsh grade stake design grade marker was missing at Station 12+26. See discussion item #5.

6. The Tom James was observed removing borrow area overburden material. The dredge pipe leading to the outfall and the outfall itself were both within the limits of the borrow area and were above the surface of the water. See discussion item #3.

7. The following equipment items were observed on the beach at Station 14+64: 4 D6R bulldozers, 1 4 passenger mule (ATV), 2 portable sanitary facilities, 2 diffusers, 1 welding machine, 1 lighting system, 1 45° elbow dredge pipe, 1 90° elbow dredge pipe, 1 Y-valve, and a dump shack.

8. The subline was observed coming ashore at Station 29+20.

9. Marsh Buggy Unit 878 was observed pulling material westward from the north side of the canal near Station 7+00 to construct the primary dike running north to south that closes the project footprint to the west.

10. A D6R bulldozer was observed on high ground in-line with the primary dike near Station 77+60. The vegetation in the area has been cleared for a equipment roadway and staging ground.

11. A barge load of dredge pipe arrived on-site at 17:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the disposal of cleared debris, specifically the burning of the cleared wood. Gary stated that the Plaquemines Parish Government offered to write a letter of no objection; however, the appropriate authority needs to issue a permit due to air quality concerns. Gary said that he is seeking a permit with the Louisiana Department of Environmental Quality to enable Weeks Marine to burn the non-pressure treated wood debris.

2. Jonathan Rager (CPE) spoke with Tim Vestal (WMI) about the as-built drawings. Tim stated that he has updated the as-built drawings to show the primary dike and the primary dike realignment locations that have been completed. Tim said that the completed areas per the original plans are shown in green and the dike realignments, and other construction activities performed per an RFI, are shown in red.

DATE: June 1, 2006 OBSERVATION REPORT NO: 68

3. I spoke with Frank Gill (WMI) about the removal of borrow area overburden material. Frank stated that enough overburden material will be removed by either Sunday or Monday to begin pumping sand on the beach.

4. Gary Johnson (WMI), Tim Vestal (WMI), JM Fail (WMI), Paul Stewart (WMI), Jason Manthey (NOAA), Brian Kendrick (CPE), Jonathan Rager (CPE) and I participated in the bi-weekly meeting. Items discussed included: the Field Adjustment Reports GGT-002 and GGT-003, the deduct cost proposal for RFI Number 006 - Sand Fencing Material Specifications, the updated construction schedule, the as-built drawings, Tennessee Gas Pipeline Company access to the Oil Infrastructure Access Canal, the review of the contract time extension request, the upcoming hold point inspections scheduled for June 7th, pay application number four, the cost proposal due to changes to the origional contract drawings, the upcoming CWPPRA dedication on June 16th, and the initial pumping to close the breach between Station 34+04 and Station 48+56. All these items are discussed further in the bi-weekly meeting minutes.

5. I spoke with Gary Johnson (WMI) about the marsh grade stake with the missing grade marker observed near Station 12+26. Gary stated that the problem will be remedied.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 418 constructing the primary dike near Station 125+00.

Unit 542 dredging the Oil Infrastructure Access Canal near Station 100+00.

Gulf of Mexico wave conditions.

Marsh grade stake with missing white design grade marker.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: June 1, 2006 OBSERVATION REPORT NO: 68

Borrow area overburden material discharge.

Bulldozers staged on the beach near Station 14+64.

Marsh Buggy Unit 878 constructing the primary dike near Station 7+00.

Wood debris in a burn pile near Station 30+00.

Bulldozer on the high ground in-line with the primary dike near Station 77+60.

Barge load delivery of dredge pipe.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 2, 2006 | OBSERVATION REPORT NO: 69
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 199

ARRIVAL TIME:	7:30	DEPARTURE TIME:	8:00
	9:30		11:30
	15:30		17:45

WEATHER CONDITIONS:	Clear, Thunderstorms (late afternoon)
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: SW 0'-1', Bay: 0'-1'
WIND SPEED AND DIRECTION:	SW 5-10 mph increasing to SW 10-15 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Station 111+48
ENDING STATION OF CANAL DREDGING:	Unit 542 - Station 118+74
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Station 34+04 and Station 53+40.		
	Location2: Unit 542 - between Station 63+08 and Station 82+44.		
	Location3: Unit 542 - canal closure between Station 90+42 and Station 92+12.		
	Location4: Unit 542 - between Station 111+48 and Station 113+90.		
	Location5: Unit 418 - canal closure between Station 124+40 and Station 126+00.		
	Location6: Unit 879 - between Station 5+00 and Station 9+84.		Observation #3
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes
14.	Are borrow area overburden removal operations being conducted at this time?	Yes
15.	Are the borrow area buoys in place and working properly?	Yes

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 2, 2006 OBSERVATION REPORT NO: 69

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	
	Location: Unit 542 - between Station 111+48 and Station 118+74.		Observation #1
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	Yes	
	Dredge pipe was being moved from the barge to the staging area near Station 14+98.		Observation #2
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 was observed dredging the Oil Infrastructure Access Canal near Station 116+32. The dredged material was placed in the mud barge.

2. A barge with dredge pipe on-board was staged near Station 53+40. Unit 622 was observed off loading the dredge pipe to the beach in the vicinity of Station 14+64.

3. Unit 879 was observed pulling material westward from the north side of the canal near Station 7+00 to construct the primary dike running north to south that closes the project footprint to the west.

4. The skiff dedicated for the observer and Gary Johnson (WMI) was experiencing throttle problems and as a result traveled slowly. See discussion item #4.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Jason Manthey (NOAA) about the geotextile planned to be used to protect the eroding primary dike near Station 7+00. Jason asked me to take a look at the geotextile and find information that describes the product. I spoke with Gary Johnson (WMI) about the geotextile fabric. Gary stated that the geotextile is located near the eroding dike. Gary said that he will inform Tim Vestal (WMI) to bring the product information out to the project site on Monday when he returns.

2. I spoke with Tim Vestal (WMI) about his weekend leave. Tim stated that he will be returning on Monday and that in his absence DJ Johnston (WMI) will be completing the WMI DQCR.

3. I spoke with Tim Vestal (WMI) about the submission of the DQCR. Tim stated that he first completes the sections pertaining to the primary dike construction and canal closures and then forwards the report to DJ Johnston (WMI) to complete. Tim said that DJ will be submitting the reports to CPE.

4. I spoke with Gary Johnson (WMI) about the skiff throttle problems. Gary stated that the skiff has been experiencing these problems on and off lately. Gary said that he has attempted fixing the problem with the skiff and was unsuccessful. Gary stated that the skiff needs to be brought in for repairs.

5. I spoke with Gary Johnson (WMI) about the dredging progress of the Tom James. Gary stated that the Tom James was removing borrow area overburden material and that the removed material was sidecasted within the borrow area.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 2, 2006 OBSERVATION REPORT NO: 69

Unit 542 dredging the Oil Infrastructure Access Canal near Station 116+32.

Unit 542 filling the mud barge with material dredged from the Oil Infrastructure Access Canal.

Loading dredge pipe onto Unit 622.

Removing the dredge pipe from Unit 622 and placing it on the beach in the staging area near Station 14+64.

Gulf of Mexico wave conditions near Station 9+84 at 15:30.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 3, 2006 | OBSERVATION REPORT NO: 70
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 200

ARRIVAL TIME:	9:00	DEPARTURE TIME:	11:30
	14:00		17:15
	19:00		20:00

WEATHER CONDITIONS:	Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: SW 0'-1', Bay: 0'-1'
WIND SPEED AND DIRECTION:	WSW 5-10 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Station 113+90
ENDING STATION OF CANAL DREDGING:	Unit 542 - Station 118+74
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	If the daily quality control report is incomplete, what is missing?	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - between Station 113+90 and Station 116+32.		Observation #1
	Location2: Unit 542 - between Station 29+20 and Station 34+04.		Observation #8
	Location3: Unit 542 - between Station 72+75 and Station 77+60.		
	Location4: Unit 542 - canal closure between Station 90+42 and Station 92+12.		
	Location5: Unit 418 - between Station 126+00 and Station 130+84.		Observation #2
	Location6: Unit 418 - between Station 121+16 and Station 124+40.		Observation #7
	Location7: Unit 879 - between Station 5+00 and Station 9+84.		Observation #5
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes
14.	Are borrow area overburden removal operations being conducted at this time?	Yes
15.	Are the borrow area buoys in place and working properly?	Yes

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Does the material appear to meet technical requirements?	N/A
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 3, 2006 OBSERVATION REPORT NO: 70

23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	
	Location: Unit 542 - between Station 113+90 and Station 118+74.		Observation #1
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	Yes	
	Dredge pipe was being moved from the barge to the staging area near Station 14+98.		Observation #4
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 was observed dredging the Oil Infrastructure Access Canal near Station 113+90 and near Station 116+32. The dredged material was sidecast south of the primary dike.

2. Unit 418 was observed unloading the mud barge to construct the primary dike near Station 130+84.

3. Two bulldozers, a D6R and a D6H, were staged near Station 77+60 in-line with the primary dike and on top of the existing high ground. The high ground has been graded to create an equipment access road.

4. Unit 622 transferred the shore pipe from the barge moored at Station 53+40 to the beach at Station 12+26. Three D6R bulldozers moved the off loaded shore pipe to a location closer to the Gulf of Mexico and the dump shack located at Station 12+26. Approximately fifty 50-foot dredge pipes were observed at this location.

5. Unit 879 was observed excavating material from the north side of the canal near Station 7+00 to construct the primary dike near Station 5+00, which runs north-south and encloses the west end of the marsh fill.

6. I observed Gary Johnson (WMI) perform a bird patrol between Station 116+32 and Station 10+19 around 17:00.

7. Unit 418 was observed sidecasting material dredged from the Oil Infrastructure Access Canal near Station 124+40, in front of the Hunt Petroleum infrastructure, to build the primary dike.

8. Unit 542 was observed sidecasting material on the south side of the canal that was dredged near Station 29+20.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the Tom James progress of removing the overburden material from the borrow area. Gary stated that the Tom James will continue to remove the overburden material until the beach is prepared for fill. Gary said that he anticipates the beach preparation will be completed tomorrow and that pumping will begin on Monday morning.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 3, 2006 OBSERVATION REPORT NO: 70

Unit 542 dredging the Oil Infrastructure Access Canal near Station 113+90.

Unit 542 sidecasting dredged material to construct the primary dike near Station 113+90.

Unit 418 unloading the mud barge.

Unit 418 closing the canal near Station 124+40.

Bulldozers staged near Station 77+60 in-line with the primary dike and on top of the existing high ground.

D6R bulldozer moving dredge pipe to a location closer to the dump shack near Station 12+26.

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CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: June 3, 2006 OBSERVATION REPORT NO: 70

Unit 879 constructing the primary dike near Station 7+00.

Beach staging area near Station 12+26.

Unloading dredge pipe from the barge onto Unit 622.

Gulf of Mexico wave conditions near Station 58+23 at 14:30.

Unit 418 dredging the Oil Infrastructure Access Canal near Station 124+40 in front of the Hunt Petroleum infrastructure.

Unit 542 dredging near Station 29+20

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 4, 2006 | OBSERVATION REPORT NO: 71
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 201

ARRIVAL TIME:	10:00	DEPARTURE TIME:	11:45
	13:30		15:00
	16:00		17:45

WEATHER CONDITIONS:	Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: SW 0'-1', Bay: 0'-1'
WIND SPEED AND DIRECTION:	SW 5-10 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Station 96+96
ENDING STATION OF CANAL DREDGING:	Unit 542 - Station 106+64
FILL AREA EXTENDS TO STATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 878 - near Station 130+84.		Observation #1
	Location2: Unit 418 - between Station 121+16 and Station 124+40.		Observation #9
	Location3: Unit 542 - between Station 96+96 and Station 106+64.		Observation #10
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	Yes	
15.	Are the borrow area buoys in place and working properly?	Yes	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 4, 2006 OBSERVATION REPORT NO: 71

23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	
	Location: Unit 542 - between Station 96+96 and Station 106+64.		Observation #10
29.	Was work performed on excavation/maintenance of Robinson Canal access channel?	No	
	Location:		
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	Yes	
	A dredge pipe stabilization mound was built near the exposed subline.		Observation #8
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 878 was observed constructing the primary dike near Station 130+84.

2. The Quarters Barge anchors were reset to facilitate docking and boat traffic around the Quarters Barge.

3. An empty mud barge was observed near Station 90+42.

4. A diesel fuel storage container was staged near Station 77+60 in-line with the primary dike on top of the existing high ground.

5. The barge with dredge pipe aboard was moved to a location near Station 55+00 on the northwest side of the canal. It appears that half of the dredge pipe has been unloaded; approximately 100 to 150 dredge pipes remain on the barge.

6. The dike oriented in a north to south direction near Station 7+00 has a canal closure sign mounted on the center of the dike and faces west. The dike has been built to the design grade but has a crest width of approximately 2 feet on the south side.

7. Approximately 150 sections of dredge pipe are staged on the beach near Station 12+26 and 16 sections of dredge pipe are staged on the beach between Station 26+78 and Station 29+20.

8. Two D6R bulldozers were observed grading the beach and building a dredge pipe stabilization mound near the exposed subline located at Station 29+20.

9. Unit 418 was observed sidecasting material dredged southeast of the Oil Infrastructure Access Canal exit near Station 124+40, in front of the Hunt Petroleum infrastructure. The sidecast material was used to build the primary dike.

10. Unit 542 was observed sidecasting material dredged from the Oil Infrastructure Access Canal near Station 96+96. The sidecast material was used to build the primary dike.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the dredge xyz data. Gary said that he wanted to increase the one second sampling interval to the maximum allowable. As per Technical Provision 22.1, I stated that the maximum allowable sampling interval is two minutes. Gary stated that he would use a sampling interval of one minute.

DATE: June 4, 2006 OBSERVATION REPORT NO: 71

2. I spoke with Gary Johnson (WMI) about the WMI borrow area survey. Gary stated that a full survey of the borrow area, as detailed in Technical Provision 37, was not completed prior to dredging since it was not required per the project specifications. Gary said that a coarse survey was completed to check the borrow area survey performed by CPE. Gary stated that he will provide the data for the survey that was completed by WMI.

3. I spoke with DJ Johnston (WMI) about the beach grade staking. DJ asked if the upper and lower tolerances needed to be delineated on the beach grade stakes as they were on the marsh grade stakes. I stated that I could not find information about beach grade stake requirements in the specifications and that I would follow-up with him tomorrow after speaking with Gordon Thomson (CPE). Gordon stated that WMI is required to stake the beach in such a way that the placed fill meets the design grade requirement.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Unit 878 constructing the primary dike near Station 130+84.

Unit 542 dredging the Oil Infrastructure Access Canal near Station 96+96.

Unit 542 building the primary dike near Station 96+96.

Canal closure sign centered on the primary dike near Station 7+00 that faces west.

DATE: June 4, 2006 OBSERVATION REPORT NO: 71

Bulldozer building a dredge pipe stabilization mound near the exposed subline located at Station 29+20.

Unit 418 dredging in front of the Hunt Petroleum Infrastructure. near Station 124+40.

Unit 418 constructing the primary dike near Station 124+40.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 5, 2006 | OBSERVATION REPORT NO: 72
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 202
ARRIVAL TIME: 10:00 DEPARTURE TIME: 11:45
18:15 20:15

WEATHER CONDITIONS: Clear
ESTIMATED WAVE HEIGHT AND DIRECTION: GOM: S 0'-1', Bay: 0'-1'
WIND SPEED AND DIRECTION: NNW 10-15 mph
TEMPERATURE: 80°-90° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, OIAC, Breach Fill and Canal
STARTING STATION OF CANAL DREDGING: Unit 542 - Station 113+90
ENDING STATION OF CANAL DREDGING: Unit 542 - Station 116+32
LOCATION OF BEACH OUTFALL: Station 30+00
FILL AREA EXTENDS TO STATION: No Observable Fill Progress

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach grade staking between Station 7+42 and Station 26+78.		Observation #3

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location1: Unit 542 - canal closure between Station 90+42 and Station 92+12.		Observation #2
	Location2: Unit 542 - canal closure near Station 53+40.		Observation #5
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	Yes	
15.	Are the borrow area buoys in place and working properly?	Yes	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Does the material appear to meet technical requirements?	N/A	
18.	A representative sand sample was collected at:		
19.	The measured width of the constructed berm was:		
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 5, 2006 OBSERVATION REPORT NO: 72

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - between Station 113+90 and Station 116+32.	Yes	Observation #2
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	Observation #2
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was discharged to the beach. The outfall was located at Station 30+00. The fill material was very fine (roughly 0.1 mm) and flowed approximately150 feet east of the outfall where it then flowed seaward. The discharge color appeared dark gray; the munsell color was not obtained as the discharge area appeared dangerous to walk on. Two bulldozers attempted to create a containment dike but were unsuccessful. See discussion item #1.

2. Unit 542 was observed dredging the Oil Infrastructure Access Canal between Station 113+90 and Station 116+32. The dredged material was placed in the mud barge and was used to close the canal between Station 90+42 and Station 92+12.

3. WMI surveyors were observed staking the beach at Station 19+52. The beach grade stake on the northern limit of the dune crest was delineated with a white marker near the top of the grade stake. See discussion item #3.

4. The dump shack, Y-valve, diesel fuel tank, and a sanitary facility are located near Station 28+00.

5. Unit 542 dredged the south side of the canal near Station 53+40. The dredged material was sidecast onto a stockpile in preparation for the canal closure between Station 53+40 and Station 28+23.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the beach fill and breach closure. Gary stated that pumping began at 9:30 today and that it should take approximately 5 days to close the breach. Gary said that since the bulldozers are not able to effectively create the containment dike the marsh buggy will be used to create the containment dike and a ditch that will lead toward the breach. Gary stated that the material is very fine and needs to be contained and directed toward the breach.

2. I spoke with Gordon Thomson (CPE) about the sand pumped on the beach. Gordon stated that as soon as the beach created by the pumped sand reaches an observable elevation of roughly +2 NAVD a sand sample should be taken. Gordon said that the sample should be placed in a 1 quart freezer bag with the sample name (CHSS001), date, time, geographic location, elevation, and range marked on the bag. Gordon stated that the sample should be double bagged and sent to the CPE office for a sieve analysis. Gordon said to send the sample via Federal Express through WMI and to bill the recipient.

3. I spoke with DJ Johnston (WMI) about the beach grade staking. DJ stated that the beach was staked between Station 7+42 and Station 26+78. DJ said that intermediate stakes were placed between the northern beach crest and the southern extent of the marsh with the linearly interpolated elevation marked. DJ stated that the southern extent of the beach grade staking was governed by the depth of the water so that placed grade stakes will not be adversely impacted by storm waves. DJ said that as the beach is filled WMI will extend the beach grade staking further south.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

DATE: June 5, 2006 OBSERVATION REPORT NO: 72

The outfall located at Station 30+00.

A bulldozer attempting to construct a containment dike near Station 31+00.

Unit 542 closing the canal between Station 90+42 and Station 92+12.

WMI surveyors placing a beach grade stake at Station 19+52.

Unit 542 dredging the south side of the canal near Station 53+40.

Unit 542 sidecasting dredge material onto a stockpile near Station 53+40.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 6, 2006 | OBSERVATION REPORT NO: 73
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 203
ARRIVAL TIME: 11:45 | DEPARTURE TIME: 13:30
16:30 | 17:30
19:00 | 20:15

WEATHER CONDITIONS:	Clear
ESTIMATED WAVE HEIGHT AND DIRECTION:	GOM: S 0'-1', Bay: 0'-1'
WIND SPEED AND DIRECTION:	NE 10-15 mph
TEMPERATURE:	80°-85° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Containment Dikes
STARTING STATION OF CONTAINMENT DIKE:	North - Station 30+00, South - Station 36+00
ENDING STATION OF CONTAINMENT DIKE:	North - Station 34+00, South - Station 40+00
LOCATION OF BEACH OUTFALL:	Station 30+00
FILL AREA EXTENDS TO STATION:	Station 40+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach between Station 53+40 and Station 65+49.		Discussion #5

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	Yes
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	Yes

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes
17.	Does the material appear to meet technical requirements?	Yes
18.	A representative sand sample was collected at: Station 34+04: Range -0+25	
19.	The measured width of the constructed berm was: Station 34+04: Approx. 200 feet	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 6, 2006 OBSERVATION REPORT NO: 73

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	Observation #4
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was discharged on the beach. The discharge was located at Station 30+00 and pointed northeast. The material was very fine (approximately 0.1 mm) and flowed north into the southern canal. Two bulldozers constructed the south containment dike near the outfall. A marsh buggy was building the southern containment dike near the eastern extent at Station 36+00. The southern containment dike had an elevation of approximately 6 feet relative to the fill near the outfall and gradually decreased to 4 feet at the eastern end. The beach was to design grade between Station 30+00 and Station 36+00 with a berm width of approximately 200 feet. A sand sample was collected 10 feet north of the containment dike near Station 34+04 at 11:45. It had a Munsell color of 5Y-4/1 (dark gray). See discussion item #1.

2. Two bulldozers were constructing the containment dikes; one bulldozer constructed the north containment dike and one bulldozer constructed the south and west containment dikes. A marsh buggy was building the south containment dike near Station 37+00. The elevation of the north containment dike relative to the fill was approximately 2 feet and the elevation of the south containment dike relative to the fill was approximately 5 feet. A north to south running containment dike was built approximately 10 feet west of the outfall and had an elevation relative to the fill of roughly 4 feet. The material flowed into the breach on both the north and south sides of the exsting beach. A channel, which extended from Station 31+60 to Station 34+00, was used to direct the flow into the breach on the north side of the beach between the dune crest and marsh at a range of approximately 320 feet. The fill extended to Station 42+00. Observed at 16:30.

3. The position of the Hunt Petroleum riser near the eastern extent of the project footprint was taken. The geographic position was 29°18.585' N 89° 44.648' W with an error of 10.9 feet. See discussion item #4.

4. The canal closure between Station 53+40 and Station 58+23 was partially closed. The opening in the center of the canal is approximately 100 feet wide to allow boat traffic to travel through.

5. The wood debris pile planned to be burned has been moved to Station 12+50.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with the marsh buggy operator, Kenny Barnes (WMI), about the morning fill. Kenny stated that earlier this morning the fill flowed east next to the southern containment dike. The flow caused the southern containment dike to erode so the flow was redirected north to enable the marsh buggy to build up the eroding southern containment dike.

3. I spoke with Gary Johnson (WMI) about the next bi-weekly meeting and upcoming CWPPRA dedication. Gary stated that he will be missing both events as he will be leaving for a one week vacation this Friday.

4. I spoke with Barry Richard (DNR) about the Hunt Petroleum riser near the eastern extent of the project footprint. Barry asked that I take a GPS reading of its location to determine whether it is inside or outside of the project footprint. Barry also asked that I plot this position on in AutoCAD.

DATE: June 6, 2006 OBSERVATION REPORT NO: 73

5. I spoke with DJ Johnston (WMI) about the beach grade staking. DJ stated that the beach was staked between Station 53+40 and Station 65+49. I asked DJ about blue markers observed on the beach grade stakes near the outfall. DJ said that the beach grade stakes with the blue markers let the equipment operators know where to build the southern containment dike. DJ said that the blue markers will be only be used for this purpose between Station 30+00 and Station 48+56 while filling in the breach.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Outfall at Station 30+00 looking east.

Outfall at Station 30+00 looking northeast.

Marsh buggy building southern containment dike near Station 36+00.

Canal closure between Station 53+40 and Station 58+23 with boat traffic opening.

DATE: June 6, 2006 OBSERVATION REPORT NO: 73

Bulldozer building northern containment dike near Station 30+00.

Fill channel 15-feet north of the dune crest looking east from Station 31+60.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 7, 2006 | OBSERVATION REPORT NO: 74

OBSERVER: Andrew Wycklendt | CONTRACT DAY: 204

ARRIVAL TIME: 11:00, 13:00, 15:00 | DEPARTURE TIME: 12:15, 14:00, 16:30

WEATHER CONDITIONS:	Partly Cloudy
ESTIMATED WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	SW 5-10 mph
TEMPERATURE:	80°-90° F
OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Containment Dikes, Canal Closures
STARTING STATION OF CONTAINMENT DIKE:	North - Station 34+00, South - Station 40+00
ENDING STATION OF CONTAINMENT DIKE:	North - Station 35+00, South - Station 41+00
LOCATION OF BEACH OUTFALL:	Station 30+00
FILL AREA EXTENDS TO STATION:	Station 43+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		Discussion #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	Observation #6
9.	Was any staking and layout performed today?	Yes	
	Location: Beach between Station 65+49 and Station 77+60.		Discussion #7

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location: Unit 418 - canal closure between Station 124+40 and Station		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #1

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes
14.	Are borrow area overburden removal operations being conducted at this time?	No
15.	Are the borrow area buoys in place and working properly?	Yes

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes
17.	Does the material appear to meet technical requirements?	Yes
18.	A representative sand sample was collected at:	
19.	The measured width of the constructed berm was:	
20.	Are escarpments being leveled?	N/A
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
22.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
23.	Are sand fencing operations being conducted?	N/A
	Post installed to:	
	Fencing attached to:	
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 7, 2006 OBSERVATION REPORT NO: 74

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - between Station 111+48 and Station 116+32.	Yes	Observation #5
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	Observation #5
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #2

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Brian Kendrick (BKE) and Barry Richard (DNR) arrived on-site for the primary dike and beach grade staking hold point inspections at 10:15. During the hold point inspection, all primary dikes, beach grade staking between Station 5+00 and Station 77+60, and marsh grade staking between Station 104+22 and Station 126+00, the water discharge area on the previous construction plans, were observed. The primary dike is one hundred percent (100%) complete; the primary dike near Station 72+75 may need another lift in the future and will be checked again during the next bi-weekly meeting planned for June 15, 2006. The beach has been properly staked between Station 7+50 and Station 34+04 and between Station 53+40 and Station 77+60; the northern extent of the dune crest and the centerline of the dune crest have been staked, the areas further south have not been staked due to the water depth and the possiblity of storm waves knocking down placed beach grade stakes. Additionally, the west beach has been properly grubbed. The previous water discharge area between Station 104+22 and Station 126+00 has been properly staked for marsh fill. See discussion item #4.

2. Sand was discharged on the beach. The discharge was located at Station 30+00 and pointed northeast. The material was very fine (approximately 0.1 mm) and flowed into the breach between Station 43+72 and Station 48+56 along the centerline and northern extent of the dune crest; the fill extended to Station 43+00. Two bulldozers were constructing the northern and southern containment dikes. A marsh buggy was building the southern containment dike near Station 41+00. The northern containment dike elevation was approximately 3 feet relative to the fill and extended from Station 30+00 to Station 35+00. The southern containment dike elevation was approximately 5 feet relative to the fill and extended from Station 30+00 to Station 41+00. The western containment dike elevation was approximately 6 feet relative to the fill and extended from the outfall to the northern extent of the dune crest. A localized turbidity plume was observed in the Gulf of Mexico near Station 43+00.

3. A hole with shimmering liquid was observed in the vicinity of cut flowlines on the beach near Station 14+64 approximately 100 feet south of the canal.

4. The piling for the canal closure sign on the west end of the project footprint has been installed at roughly Station 7+00 and Range -8+50. No sign was connected to the piling.

5. Unit 418 was observed dredging the Oil Infrastructure Access Canal between Station 111+48 and Station 116+32. The dredged material was placed in the mud barge. Unit 418 unloaded the mud barge and used the material to construct the canal closure between Station 124+40 and Station 126+00.

6. Trash was removed from the beach between Station 48+56 and Station 77+60.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 7, 2006 OBSERVATION REPORT NO: 74

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Jason Manthey (NOAA) about WMI's pay application for the primary dike. Jason stated that Gary Johnson (WMI) submitted a pay application for one hundred percent (100%) of the completed dike. As per Technical Provision 10.2, sixty percent (60%) of the contract linear footage will be paid to the CONTRACTOR for dikes installed on a monthly basis and the remaining forty percent (40%) will be included in the final payment. After following-up, Jason said that Gary understood and will submit a pay application for the dikes completed per Technical Provision 10.2.

2. I spoke with Jason Manthey (NOAA) and Gordon Thomson (CPE) about the hold point inspections conducted today. I informed both Jason and Gordon what was observed during the inspection.

3. I spoke with Tim Vestal (WMI) about the primary dike payment requirements. As a basis for payment, Technical Provision 10.2 states that the CONTRACTOR shall survey the centerline of the primary dike along the lines shown in the plans. Tim stated that survey data for all constructed dikes has been submitted. I asked Tim if a survey was taken and data was resubmitted for the primary dike between Station 19+32 and Station 53+40 after the primary dike was breached during a storm. Tim said that the dike in that location was surveyed after the breach was fixed and the data was resubmitted.

4. I spoke with Tim Vestal (WMI) about the use of geotextile to protect the canal closure work that has been completed between Station 53+40 and Station 58+23. Tim stated that the portion of the closure that has been completed is quickly eroding due to strong tidal currents. Tim supplied technical information for the geotextile on-site which was forwarded to Jason Manthey (NOAA) via fax and standard mail.

5. I spoke with Brian Kendrick (BKE) about the upcoming CWPPRA dedication of June 16, 2006. Brian stated that CPE should make sure that the necessary safety equipment, such as personal floatation devices, is available for all who plan on visiting the site.

6. I spoke with Gary Johnson (WMI) about the WMI Daily Quality Control Reports that have been submitted since June 5, 2006. I said that the WMI DQCR submitted since the beginning of pumping sand all state the location of the discharge is not applicable (NA). Gary stated that he would correct the reports.

7. I spoke with DJ Johnston (WMI) about the beach grade staking. DJ stated that the beach was staked between Station 65+49 and Station 77+60. DJ said that the northern extent of the dune crest and the dune centerline were staked between these locations.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Outfall at Station 30+00 looking northeast.

Outfall at Station 30+00 looking east and southern containment dike construction.

DATE: June 7, 2006 OBSERVATION REPORT NO: 74

Marsh buggy constructing the southern containment dike near Station 41+00.

Bulldozer constructing the northern containment dike near Station 35+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 8, 2006 | OBSERVATION REPORT NO: 75
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 205
ARRIVAL TIME: 12:45 | DEPARTURE TIME: 15:00
18:30 | 20:30

WEATHER CONDITIONS: Clear
ESTIMATED WAVE HEIGHT AND DIRECTION: SSE 0'-1'
WIND SPEED AND DIRECTION: S 5-10 mph
TEMPERATURE: 80°-95° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Beach Fill, Containment Dikes
STARTING STATION OF CONTAINMENT DIKE: North - Station 35+00, South - Station 41+00
ENDING STATION OF CONTAINMENT DIKE: North - Station 36+46, South - Station 45+00
LOCATION OF BEACH OUTFALL: Station 30+00
FILL AREA EXTENDS TO STATION: Station 48+56

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #8
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach staking between Station 48+56 and Station 53+40.		Discussion #5

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	Observation #9
	Location: Unit 418 - between Station 72+75 and Station 77+60.		
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	No	
15.	Are the borrow area buoys in place and working properly?	Yes	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Does the material appear to meet technical requirements?	Yes	Observation #4
18.	A representative sand sample was collected at: Station 31+62, Range -1+75		Observation #4
19.	The measured width of the constructed berm was: N/A		Observation #3
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 8, 2006 OBSERVATION REPORT NO: 75

Marsh Fill

25.	Is material being discharged into marsh area?	No	
26.	Is the discharge pipe being moved?	N/A	
27.	Does any fill appear to be stacking above the fill template?	N/A	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - between Station 111+48 and Station 116+32.	Yes	Observation #9
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	Yes	Observation #9
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was being discharged to the beach and was flowing east towards the breach. The slurry flowed along the southern containment dike from the discharge, which was located at Station 30+00. The fill between the north and south containment dikes at Station 30+00 was approximatlely 4 feet NAVD. The marsh buggy was digging a flow channel near Station 34+04 and was sidecasting the dredged material to build the south containment dike. The southern containment dike had an elevation of approximately 6 feet NAVD and extended from Station 30+00 to Station 45+00. The northern containment dike extended from Station 30+00 to Station 36+46 and had an elevation that linearly decreased from 5 feet NAVD near Station 30+00 to 4 feet near Station 36+46. The dune crest at Station 36+46 had an elevation of approximately 2.5 feet NAVD and extended from the centerline of the dune crest to the marsh. The fill extended to Station 48+56 where it entered the breach near the southern extent of the marsh. Beach grade stakes extended to Station 48+56. A bulldozer was observed building the containment dike around the outfall.

2. Cutterhead xyz data, supplied by Weeks Marine, showed that the cutterhead was overdredging between 10:43 and 22:03. The cutterhead was an average of 5.3 feet below the allowable cut depth and a maximum of 6.8 feet below the maximum allowable cut depth.

3. A bulldozer was constructing a the center containment dike near the northern extent of the dune crest at Station 31+62. The center dike extended from Station 30+00 to Station 33+00 and had an elevation of 6 feet NAVD. The flow channel near the southern containment dike did not allow for the constructed berm to be measured.

4. Sand sample CH001 was taken at Station 31+62 at a Range of -1+75 (N 29.3127° W 89.7750°). The Munsell color of the representative sand sample at this location was 2.5Y-4/1 (dark gray).

5. WMI surveyors placed grade in the breach between Station 48+56 and Station 53+40.

6. Unit 622 loaded 3 dredge pipe supporting pontoons onto a barge in preparation for transport to the fill area.

7. During low tide pilings were observed in the Gulf of Mexico near the southern extent of the dune crest, 150 feet south of the dune crest centerline, at Station 29+00; the low tide observed today was the lowest seen during the project. This area will be observed again during a normal tide event to determine whether the pilings were exposed due to the low tide or if they were exposed due to scour from the dredge pipe.

8. The progress summary chart within the WMI Daily Quality Control Report (DQCR), item number 8, was not completed for the Tom James. Item number 12 within the WMI DQCR was misleading as the hold point inspection conducted by CPE did not verify the beach/dune layout between Station 34+04 and Station 53+40. The Tom James operating time in the DQCR and the Daily Dredge Report did not match.

9. Unit 542 filled the mud barge with material dredged from the Oil Infrastructure Access Canal between Station 111+48 and Station 116+32. Unit 418 unloaded material from the mud barge to construct the primary dike and close the canal between Station 72+75 and Station 77+60.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 8, 2006 OBSERVATION REPORT NO: 75

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the skiff dedicated for the observer and himself. Gary stated that the skiff was taken to the mainland for repairs and should be back on-site shortly. While the skiff is off-site, a survey boat is available for Gary and the observer to use.

2. I spoke with Greg Grandy (DNR) about a site visit. Greg stated that he would be flying out to the project site with a photographer tomorrow morning to perform a site visit and take both aerial and land-based pictures. Greg said that he would be landing near the southern extent of Robinson Canal around 7:30 tomorrow morning. I stated that I would meet Greg and his photographer at 7:30 at the landing and take them on a site tour.

3. I spoke with Jason Manthey (NOAA) about the WMI Daily Quality Control Reports. Jason stated that the reports since sand pumping started state that the discharge location is N/A. I said that I made this observation yesterday and informed Gary Johnson (WMI) of the missing information and that Gary stated that it would be taken care of.

4. I spoke with Jason Manthey (NOAA) about the overdredging observed on 6/5 and 6/6. I stated that I would further analyze the data to determine the extent of overdredging. Jason stated that he plans on issuing a non-compliance as the overdredging is in violation of the permit.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. See observation #2. As per Technical Provision 24.2.2, "All excavation shall be performed within the horizontal and vertical limits of the borrow areas shown in the plans."

Three dredge pipe supporting pontoons were loaded onto a barge in preparation for transport to the fill area.

The discharge at Station 30+00 looking east.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

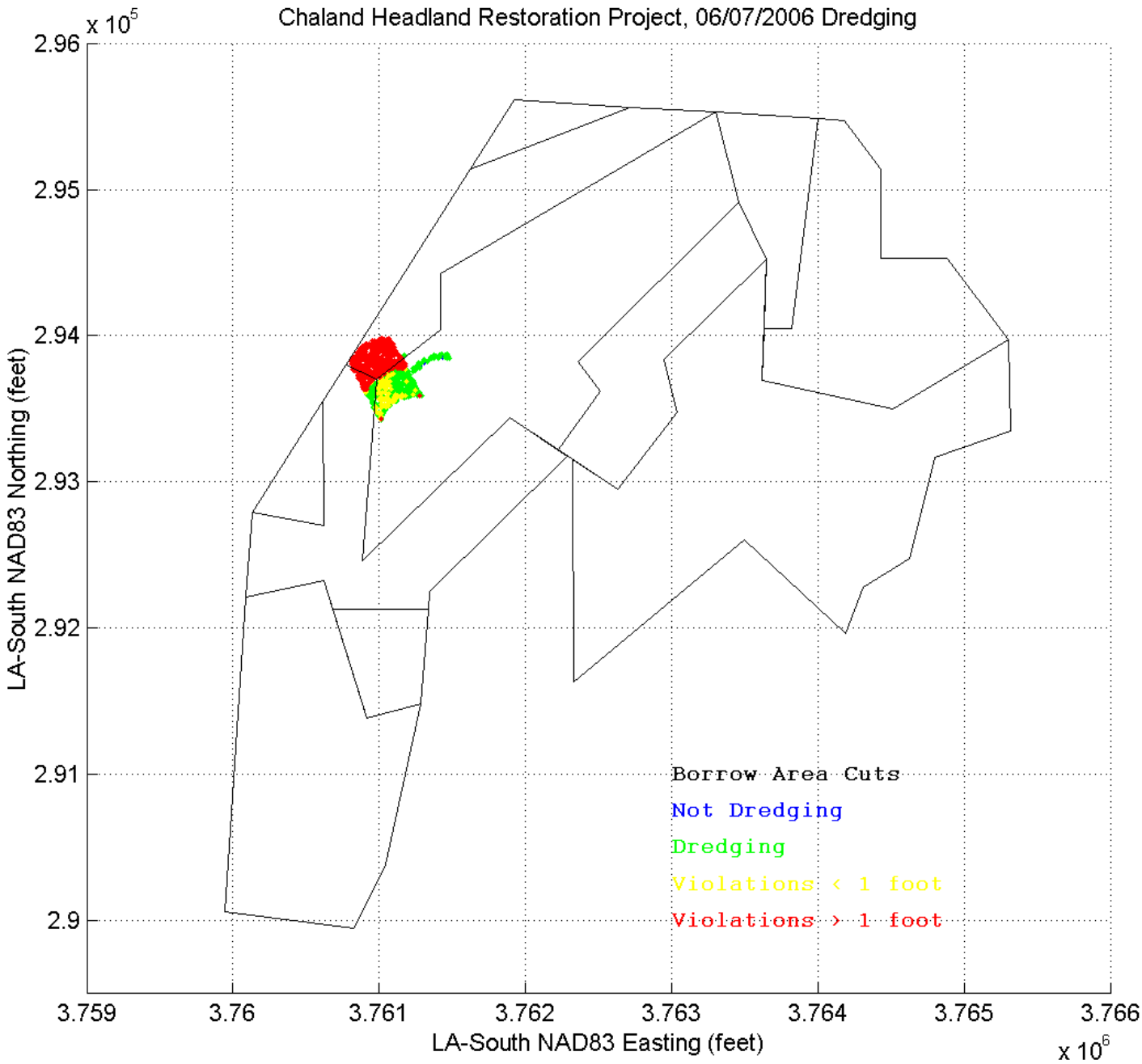
DATE: June 8, 2006 OBSERVATION REPORT NO: 75

Marsh buggy constructing the southern containment dike near Station 34+04.

Pilings near the southern extent of the dune crest at Station 29+00 and the Gulf of Mexico wave conditions.

Bulldozer building up material around the outfall near Station 30+00.

Bulldozer constructing the center containment dike near Station 31+62.


Chaland Headland Restoration Project, 06/07/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 9, 2006 | OBSERVATION REPORT NO: 76
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 206
ARRIVAL TIME: 8:00 | DEPARTURE TIME: 10:15
16:30 | 18:45

WEATHER CONDITIONS: Clear
ESTIMATED WAVE HEIGHT AND DIRECTION: SW 0'-1'
WIND SPEED AND DIRECTION: WNW 0-5 mph
TEMPERATURE: 85°-95° F

OVERVIEW OF CONSTRUCTION ACTIVITY: Beach Fill, Containment Dikes, Canal Closures
STARTING STATION OF CONTAINMENT DIKE: North - Station 36+46, South - Station 45+00
ENDING STATION OF CONTAINMENT DIKE: North - Station 36+46, South - Station 45+00
FILL AREA EXTENDS TO STATION: Station 48+56

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #6
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	No	
15.	Are the borrow area buoys in place and working properly?	Yes	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Does the material appear to meet technical requirements?	Yes	
18.	A representative sand sample was collected at: Station 34+04, Range -1+75		Observation #5
19.	The measured width of the constructed berm was: N/A		Observation #3
20.	Are escarpments being leveled?	N/A	
21.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
22.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
23.	Are sand fencing operations being conducted?	N/A	
	Post installed to:		
	Fencing attached to:		
24.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 9, 2006 OBSERVATION REPORT NO: 76

Marsh Fill

25.	Is material being discharged into marsh area?	Yes	Observation #3
26.	Is the discharge pipe being moved?	No	
27.	Does any fill appear to be stacking above the fill template?	No	

Other

28.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Unit 542 - near Station 113+90.	Yes	Observation #1
29.	Was work performed on excavation/maintenance of Robinson Canal access channel? Location:	No	
30.	Has required coordination with utility operators occurred?	N/A	
31.	Was work performed today on canal closures?	No	
32.	Have any settlement plates been installed today?	No	
33.	Did any other work activities of note occur today?	No	
34.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Greg Grandy (DNR) arrived on-site around 8:00 with a photographer. Greg, the photographer, Gary Johnson (WMI), Paul Stewart (WMI), and I toured the project site. The project fill area on the beach near Station 30+00 and Unit 542 were both visited. During the beach visit sand was pumped on the beach. During the Unit 542 visit, dredging of the Oil Infrastructure Access Canal near Station 113+90 was observed; the material dredged from the Oil Infrastructure Access Canal was placed in the mud barge. Greg left the project site around 9:00.

2. Sand was discharged to the beach. The outfall was located at Station 30+00 and pointed northeast. The fill area was covered with water. Pumping ceased to change the diffuser; the diffuser was replaced with a 90° dredge pipe that points the discharge upward to facilitate mushroom dredging. Two bulldozers pushed material into the hole that the discharge has created.

3. Sand was discharged to the beach. The slurry flowed northeast toward the northern containment dike at the interface between the beach and the marsh near Station 38+88 and Range -3+00 from the discharge, which was located at Station 30+00. The slurry flowed along the marsh interface at Range -3+00 between Station 38+88 and Station 41+30 and made a sharp turn north and flowed to Range -8+00 where it turned east and entered the breach at Station 48+56 at Range -8+00. The fill extends to Station 48+56 with an elevation of 1 foot NAVD between Range -8+00 and Range 0+00. The fill at Station 30+00 has an elevation of 4 feet NAVD between Range 0+00 and Range -3+00 and 1.5 feet NAVD between Range -3+00 and Range -6+50. No observable changes were made to the containment dikes. The slurry flow channel dike did not allow for the constructed berm to be measured. See discussion item #5.

4. Sand sample CH001, taken at Station 31+62 and Range -1+75 (N 29.3127° W 89.7750°), was given to Gary Johnson (WMI) to send to the CPE office in Boca Raton, FL. See discussion item #1.

5. Sand sample CH002 was taken at Station 34+04 at Range -3+00 (N 29.3127° W 89.7750°). The Munsell color of the representative sand sample at this location was 5Y-4/1 (dark gray). A sand sample of the discharge was taken at the outfall at 17:25 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1-hour marks. The discharge sample suggested that there was little silt in the discharge.

6. Cutterhead xyz data for 6/8, supplied by Weeks Marine, showed that the cutterhead was overdredging. Between 5:06 and 14:35 the cutterhead was an average of 5.5 feet below the allowable cut depth and a maximum of 6.8 feet below the allowable cut depth. Between 18:05 and 20:19 the cutterhead was an average of 0.6 feet below the allowable cut depth and a maximum of 3.5 feet below the allowable cut depth.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 9, 2006 OBSERVATION REPORT NO: 76

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the sand sample Federal Express delivery to the CPE office in Boca Raton, FL. Gary stated that he did not have boxes to ship the material in, but would stop at the Federal Express in Houma to obtain a box and ship the package. Gary stated that the package will most likely be shipped on Monday. I gave Gary instructions to place the Sender's Copy of the Federal Express shipping form in the package with the sand sample.

2. I spoke with Jason Manthey (NOAA) about the construction plans. Jason questioned the toe location of the beach fill at Station 82+44 where the toe of the dune extends north and is covered by the marsh fill. I stated that the dune toe extends further north at this location because the water depth in the canal at this location is deeper than the surrounding area requiring the toe to extend further out to intersect with the bottom of the canal. I said that this is required since the slope of the dune remains constant. I stated that although the toe extends further north, the southern extent of marsh fill remains the same and that the marsh fill will cover more of the dune slope at this location.

3. I spoke with Gary Johnson (WMI) about the project superintendent that will be taking his place during his absence. Gary stated that Paul Stewart (WMI) will be the project superintendent in his absence. I asked Gary if he had sent an email to Jason Manthey (NOAA), Rachel Sweeney (NOAA), Gordon Thomson (CPE), Brian Kendrick (BKE), and myself stating when he would be off-site and who would be the project superintendent in his absence. Gary stated that he has not. Gary said that Paul was on his substitute superintendent list previously submitted. I said that an email should still be sent to the project team to inform them of your absence and who will be the project superintendent while you are gone. Gary stated that he would follow-up with an email.

4. I spoke with Gordon Thomson (CPE) about the overdredging that occurred on June 7. Gordon stated that the overdredging was significant and that an overdredging non-compliance will be issued to Weeks Marine. I spoke with Paul Stewart (WMI) about the overdredging and stated that the government has requested that Weeks Marine stop overdredging. A non-compliance was issued for the overdredging observed on 6/5, 6/6, and 6/7.

5. I spoke with the WMI dump shack foreman about the beach fill running into the marsh. He stated that his plan is to extend the northern containment dike further east to direct the flow southeasterly.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. See observation #6. As per Technical Provision 24.2.2, "All excavation shall be performed within the horizontal and vertical limits of the borrow areas shown in the plans."

Unit 542 filling the mud barge with material dredged from the Oil Infrastructure Access Canal near Station 113+90.

Discharge prior to removing the diffuser and changing to a 90° dredge pipe that points the discharge upward

DATE: June 9, 2006 OBSERVATION REPORT NO: 76

WMI changing to a 90° dredge pipe that points the discharge upward to facilitate a mushroom discharge.

Bulldozers pushing material into the hole in front of the outfall that the discharge has created.

Mushroom discharge looking northeast.

Mushroom discharge with slurry contained in a self-created channel flowing northeast.

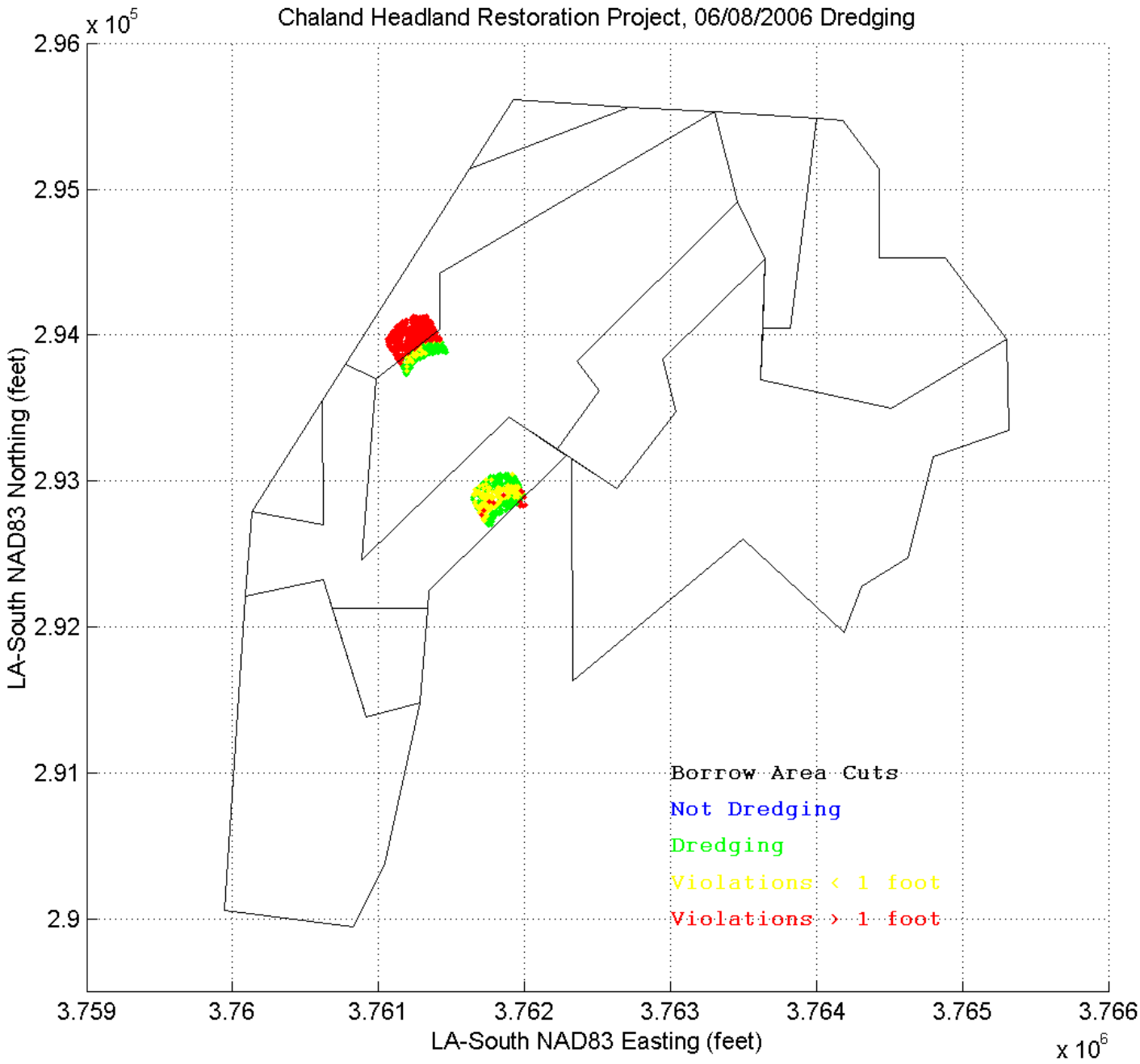
Slurry channel looking southwest near Station 45+00 at a Range of -3+00.

Gulf of Mexico wave conditions looking south from Station 30+00 at 10:00.

DATE: June 9, 2006 OBSERVATION REPORT NO: 76

Discharge sample after settling for 15 minutes.

Discharge sample after settling for 1 hour.


Chaland Headland Restoration Project, 06/08/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 10, 2006 | OBSERVATION REPORT NO: 77
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 207
ARRIVAL TIME: 14:30 | DEPARTURE TIME: 16:30
19:00 | 20:15

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SSE 0'-1'
WIND SPEED AND DIRECTION: SSE 0-5 mph, SE 5-10 mph
TEMPERATURE: 90°-100° F, 80°-85° F

CONSTRUCTION ACTIVITY: Beach Fill, Containment Dikes, Dredge Pipe Advance
OUTFALL LOCATION: Station 30+00, Station 33+50
NORTH CONTAINMENT DIKE LOCATION: Station 43+72
SOUTH CONTAINMENT DIKE LOCATION: Station 43+72
OTHER CONTAINMENT DIKE LOCATION: Station 34+04
BEACH FILL AREA EXTENT LOCATION: Station 48+56
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #6
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach staking between Station 31+00 and Station 47+00.		Observation #4

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	No	
15.	Are the borrow area buoys in place and working properly?	Yes	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a discharge sample been collected?	Yes	Observation #2
20.	Has a representative sand sample been collected?	Yes	Observation #3
	Location: CH003, Sta. 36+46 Ra. -3+00 (N29.3128° W89.7734°), 15:00		
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

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23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 30+00 Range -0+75. Pumping ceased and two bulldozers added dredge pipe to extend the outfall further east. The north containment dike extended from Station 30+00 to Station 43+72 at Range -3+00. The north containment dike had a crest elevation of 2 feet NAVD between Station 38+88 and Station 43+72 and a crest elevation between 4 feet NAVD and 5 feet NAVD between Station 30+00 and Station 38+88. The south containment dike extended from Station 30+00 to Station 43+72 at Range -0+50. The south containment dike had a crest elevation of 4 feet NAVD between Station 38+88 and Station 43+72 and a crest elevation between 6 feet NAVD and 8 feet NAVD between Station 30+00 and Station 38+88. The center containment dike extended from Station 30+00 to Station 34+04 at Range -1+50. The center containment dike had a crest elevation of 4 feet NAVD. The beach fill extended to Station 48+56 and was was 6 feet NAVD near Station 30+00 and decreased to 2 feet NAVD near Station 48+56.

2. A sample of the discharge from the outfall was taken at 14:50 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1-hour marks. The discharge sample suggested that there was little silt in the discharge.

3. Sand sample CH003 was taken at Station 36+46 Range -3+00 (N29.3128° W89.7734°). The munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

4. Additional beach grade stakes were placed on the beach. The grade stakes were spaced at 100 foot station intervals at the northern dune crest, 100 feet south of the dune crest, and midway between the northern extent of the dune crest and the beginning of the marsh. The upper quarter of the beach grade stakes were painted orange. See discussion item #2.

5. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 33+50 Range -1+00 and pointed east. A marsh buggy constructed the south containment dike near Station 43+72.

6. Cutter head xyz data, supplied by Weeks Marine, showed that the cutter head was over dredging. Between 5:00 and 15:34 the cutter head was an average of 0.4 feet below the allowable cut depth and a maximum of 4.0 feet below the allowable cut depth.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 10, 2006 OBSERVATION REPORT NO: 77

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI), DJ Johnston (WMI), and Jerry Keller (WMI) about over dredging. Paul, DJ, and Jerry stated that the borrow area template used by Weeks Marine was incorrectly input into WMI's dredge control system. Paul said that the borrow area cut depth where over dredging occurred was set to a -32 foot bathymetric contour depth shown within the borrow area. Paul stated that the cut depths within the borrow area were corrected at 15:30 on 6/9. Paul said that WMI will be more prudent in checking the dredge data both on the dredge and in the office aboard the Quarters Barge.

2. I spoke with DJ Johnston (WMI) about the beach grade staking. DJ stated that the beach grade staking has been tightened to a 100 foot spacing between Station 31+00 and Station 47+00 to assist the bulldozers in achieving a continuously level grade. DJ said that the upper portion of the beach grade stakes have been painted orange so that the bulldozer operators will be able to see the grade stakes at night.

3. I spoke with Paul Stewart (WMI) about the order of work. Paul stated that the large breach needs to be closed first. Paul said that closing this breach will provide the bulldozers access to the central beach so that they can begin building the roadway across the canal near Station 77+60. Paul said that WMI plans on achieving an elevation of around 4 feet NAVD across the breach so that the second smaller breach between Station 58+23 and Station 67+90 can be closed quicker. Paul said that both breaches need to be closed before the overburden material can be placed in the marsh north of the constructed dune. Paul stated that if both breaches are not closed before having to strip overburden material the overburden material will have to be side cast because it would likely not stay within the fill template with either of these present breaches open.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. See observation #7. As per Technical Provision 24.2.2, "All excavation shall be performed within the horizontal and vertical limits of the borrow areas shown in the plans."

Discharge sample after settling for 15 minutes.

Discharge sample after settling for 1 hour.

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CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: June 10, 2006 OBSERVATION REPORT NO: 77

Mushroom discharge at Station 30+00 looking northeast.

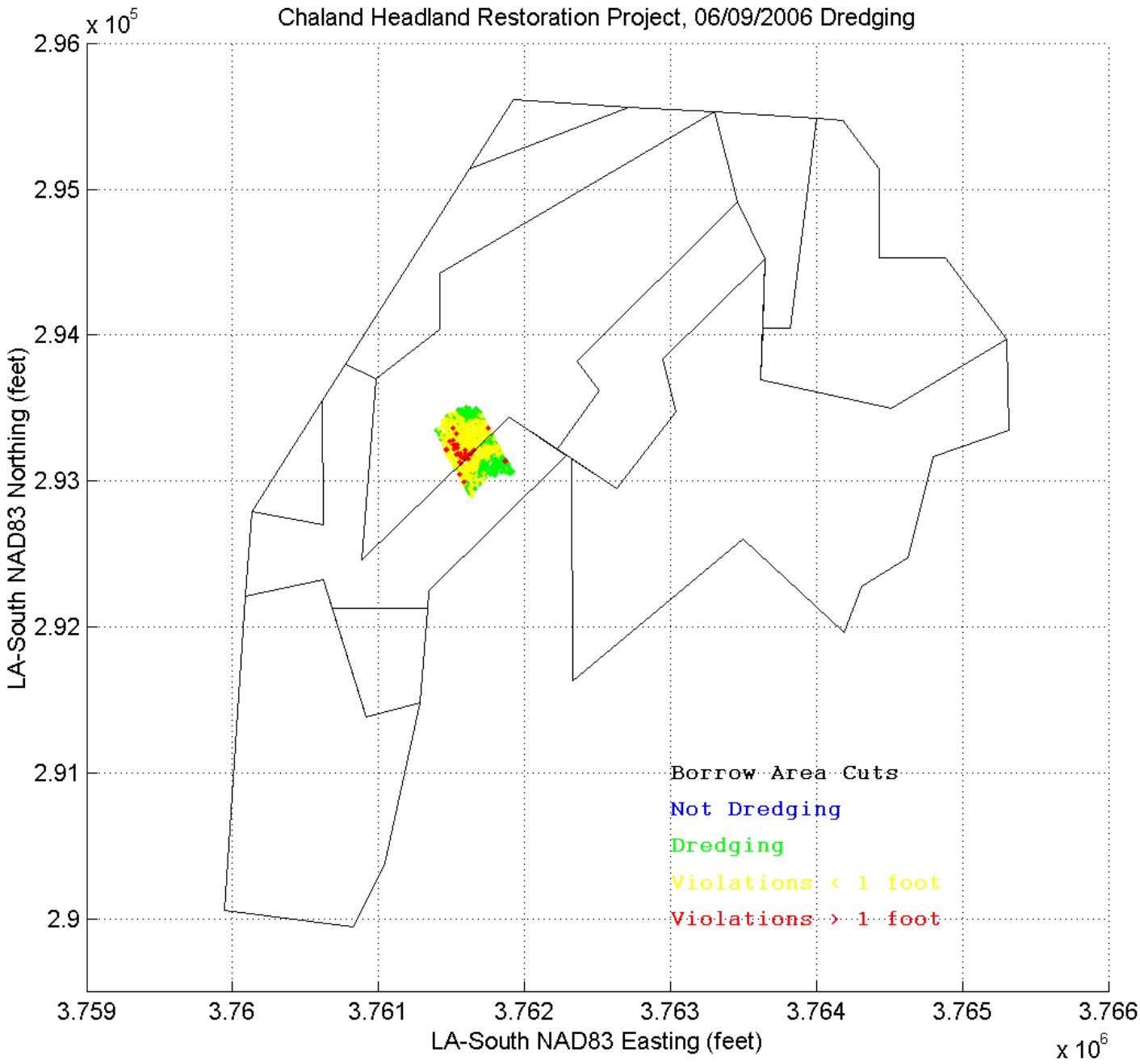
Bulldozers preparing to add additional dredge pipes to extend the outfall east.

Bulldozer adding additional dredge pipe.

Mushroom discharge at Station 33+50.

Marsh buggy building the south containment dike near Station 43+72.

Gulf of Mexico wave conditions at 15:00.


Chaland Headland Restoration Project, 06/09/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 11, 2006 | OBSERVATION REPORT NO: 78
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 208
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:30
16:15 | 18:15

WEATHER CONDITIONS: Clear, Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 1'-2', SE 3'-4'
WIND SPEED AND DIRECTION: NE 0-5 mph, NE 10-15 mph
TEMPERATURE: 80°-90° F, 85°-95° F

CONSTRUCTION ACTIVITY: Beach Fill, Containment Dikes
OUTFALL LOCATION: Station 33+75, Station 36+00
NORTH CONTAINMENT DIKE LOCATION: Station 44+50, Station 46+50
SOUTH CONTAINMENT DIKE LOCATION: Station 46+14, Station 47+00
OTHER CONTAINMENT DIKE LOCATION: Station 34+04
BEACH FILL AREA EXTENT LOCATION: Station 48+56, Station 49+50
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		Observation #9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach staking between Station 43+00 and Station 48+00.		Discussion #1

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	No	
15.	Are the borrow area buoys in place and working properly?	Yes	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a discharge sample been collected?	Yes	Observation #4
20.	Has a representative sand sample been collected?	Yes	Observation #5
	Location: CH004, Sta. 37+00 Ra. -1+60 (N29.3125° W89.7732°), 16:50		
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 11, 2006 OBSERVATION REPORT NO: 78

26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #8

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 33+75 Range -1+00 and pointed east. The slurry flowed east along both the north and south containment dikes and entered the breach at the extent of the beach fill near Station 48+56. The beach fill had an elevation of approximately 4 feet NAVD near the outfall and decreased to 1 foot NAVD at Station 48+56. The north containment dike extended to Station 44+50 at Range -3+00 and had a crest elevation of approximately 5 feet NAVD. The south containment dike extended to Station 46+14 at Range -0+50 and had a crest elevation of approximately 6 feet NAVD. The center containment dike extended to Station 34+04 at Range -1+50 and had a crest elevation of approximately 5 feet NAVD.

2. Two marsh buggies excavated material from the slurry flow channel north of the south containment dike near Station 43+50 and near Station 46+00. The excavated material was side cast on the south containment dike.

3. The WMI survey crew placed duck tape on the beach grade stakes that marked the northern extent of the dune crest. The spacing of the beach grade stakes with duck tape markers was set to 100 feet. The Station number was written on one side and the letters NC (Northern Crown) were written on the opposite side of the duck tape flap placed near the top of the grade stake.

4. A sample of the discharge from the outfall was taken at 16:37 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1-hour marks. The discharge sample suggested that there was more silt in the discharge relative to previous samples.

5. Sand sample CH004 was taken at Station 37+00 Range -1+60 (N29.3125° W89.7732°). The munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. Additional beach grade stakes were placed on the beach. The grade stakes were spaced at 100 foot station intervals at the northern dune crest, 100 feet south of the dune crest, and midway between the northern extent of the dune crest and the beginning of the marsh. The upper quarter of the beach grade stakes were painted orange. See discussion item #2.

7. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 36+00 Range -1+00 and pointed east. The slurry flowed east along both the north and south containment dikes and turned southeast near Station 45+00. The slurry entered the Gulf of Mexico near Station 48+56 and entered the breach at the eastern fill extent near Station 49+50.

8. A turbidity plume was observed in the turbulence (white water) created by the waves breaking in the Gulf of Mexico between Station 46+00 and Station 49+00.

9. Cutter head xyz data for 6/10 was not provided by Weeks Marine per Technical Provision 22.1. See discussion item #3.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 11, 2006 OBSERVATION REPORT NO: 78

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with DJ Johnston (WMI) about the beach grade staking. DJ stated that the beach grade staking has been tightened to a 100 foot spacing between Station 43+00 and Station 48+00 to assist the bulldozers in achieving a continuously level grade. DJ said that the beach grade markers placed on the northern extent of the dune crest were wrapped with duck tape near the top of the marker. DJ stated that the Station number was written on one side of tape marker and the letters NC for Northern Crown was written on the other side. DJ said that the duck tape was used because blowing sand has the tendency to strip writing off the metal conduits.

2. I spoke with Paul Stewart (WMI) about the increasing wave conditions. Paul stated that the Tom James had to shut down around 18:00 and returned to Grand Isle. Paul said that the operation was shut down because the wave activity experienced in the borrow area could cause a spud to break.

3. I spoke with DJ Johnston (WMI) about the cutter head xyz data for 6/10. DJ stated that the dredge supplied the xyz data for the wrong day.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. See observation #9. As per Technical Provision 22.1, "The GOVERNMENT shall have unrestricted access to the bridge GPS and depth recording units to enable onboard real time review at anytime during construction. Plotters shall also continuously record the X, Y, Z (with respect to NAVD) position of the dredge's excavator. Such fixes, and the accompanying plots, shall be furnished to the GOVERNMENT daily in an electronic format as part of the Quality Control Reports. The Quality Control Reports will be provided to the GOVERNMENT the next day."

Mushroom discharge at Station 33+75 looking east.

Marsh buggy building the south containment dike near Station 46+00.

Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.

Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.

DATE: June 11, 2006 OBSERVATION REPORT NO: 78

Gulf of Mexico wave conditions near Station 36+00 at 16:20.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 12, 2006 | OBSERVATION REPORT NO: 79
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 209
ARRIVAL TIME: 16:30 DEPARTURE TIME: 17:45

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SE 2'-3'
WIND SPEED AND DIRECTION: E 10-15 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: N/A
OUTFALL LOCATION: Station 38+00
NORTH CONTAINMENT DIKE LOCATION: Station 46+14
SOUTH CONTAINMENT DIKE LOCATION: Station 45+75
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 48+56
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #4
	If the daily quality control report is incomplete, what is missing?		Discussion #3
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
14.	Are borrow area overburden removal operations being conducted at this time?	N/A	
15.	Are the borrow area buoys in place and working properly?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a discharge sample been collected?	N/A	
20.	Has a representative sand sample been collected?	No	
	Location:		
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	No	Observation #2
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 12, 2006 OBSERVATION REPORT NO: 79

26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	WMI surveyors performed a check survey between Station 29+20 and Station 48+56.		Observation #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was not discharged to the beach. The outfall was located at Station 38+00 Range -1+00 and pointed east. The beach fill extended to Station 48+56. The beach fill had an elevation of approximately 4 feet NAVD near the outfall and decreased to 1 foot NAVD at Station 48+56. The north containment dike extended to Station 46+14 at Range -2+50 and had a crest elevation of approximately 6 feet NAVD. The south containment dike extended to Station 45+75 at Range -0+50 and had a crest elevation of approximately 6 feet NAVD.

2. Three foot escarpments were observed along the entirety of the south containment dike.

3. The WMI survey crew performed a check survey between Station 29+20 and Station 48+56. See discussion item #2.

4. Cutter head xyz data, supplied by Weeks Marine, showed that the cutter head was over dredging on 6/11. Between 14:02 and 14:32 the cutter head was an average of 1.1 feet below the allowable cut depth and a maximum of 3.4 feet below the allowable cut depth. Between 17:19 and 17:48 the cutter head was an average of 0.5 feet below the allowable cut depth and a maximum of 1.5 feet below the allowable cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the Tom James dredging status. Paul stated that a boat will be taken out tomorrow morning to check the wave conditions and determine whether dredging can resume.

2. I spoke with DJ Johnston (WMI) about the check survey performed by WMI. I asked if I could look at the profiles generated from the data. DJ stated that he would provide the xyz survey data.

3. I spoke with Jason Manthey (NOAA) about the WMI Daily Quality Control Reports (DQCR). I stated that the location of the discharge is incorrect in the WMI DQCR for 6/11 and that the discharge location, length of advance, and anchor movement times within the WMI DQCR for 6/10 did not agree with the values stated in the WMI Daily Dredge Report. I also stated that the column formatting did not print properly for these two days. Jason stated that he would add this item to the Bi-Weekly Progress Meeting Agenda. Jason asked me to speak with DJ Johnston (WMI) about these issues. I informed DJ of the discrepancies and he stated that he would correct them and submit revised DQCR for 6/10 and 6/11 tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. See observation #4. As per Technical Provision 24.2.2, "All excavation shall be performed within the horizontal and vertical limits of the borrow areas shown in the plans."

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 12, 2006 OBSERVATION REPORT NO: 79

Outfall near Station 38+00 looking east.

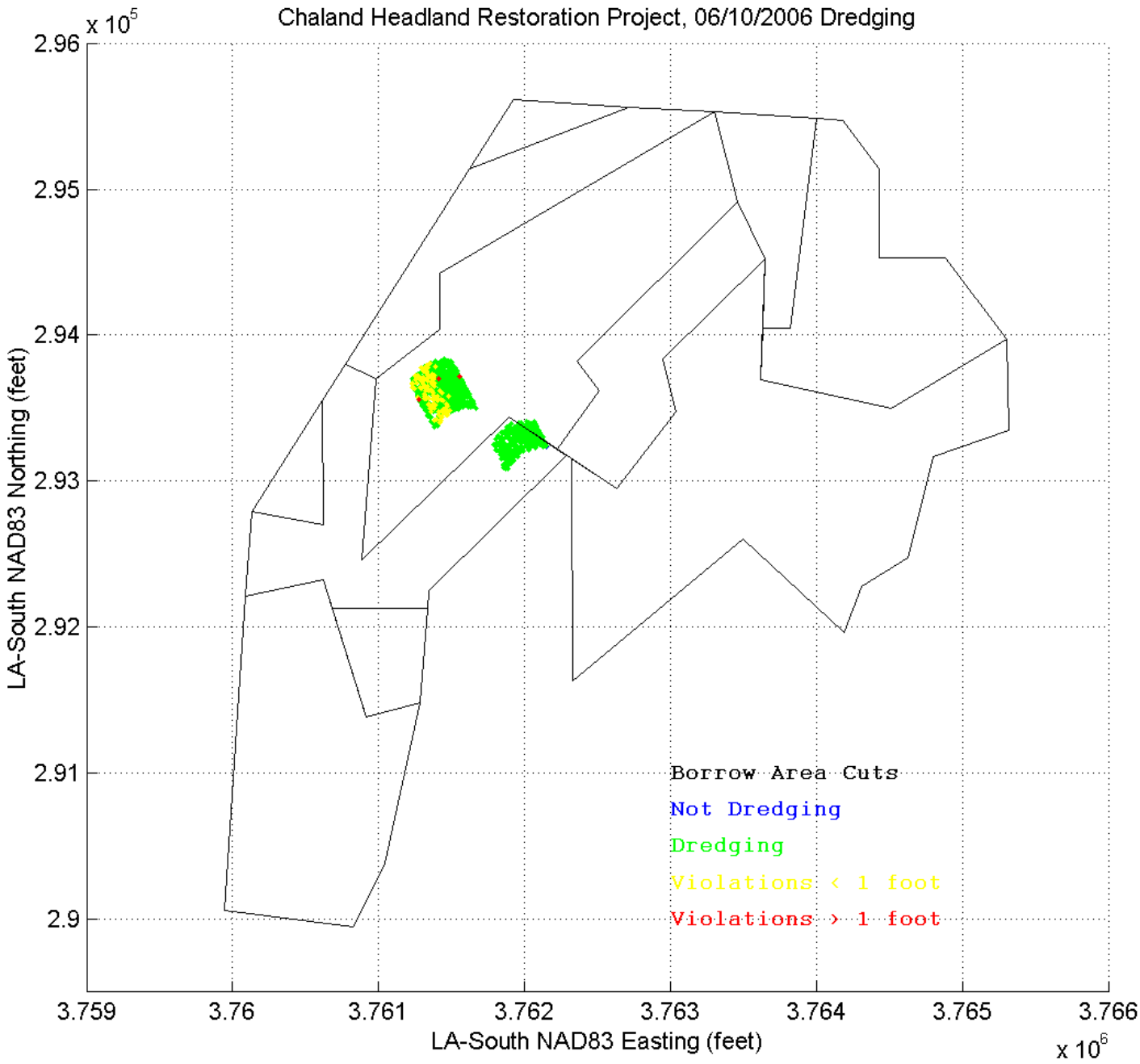
WMI performing a check survey at Station 34+04.

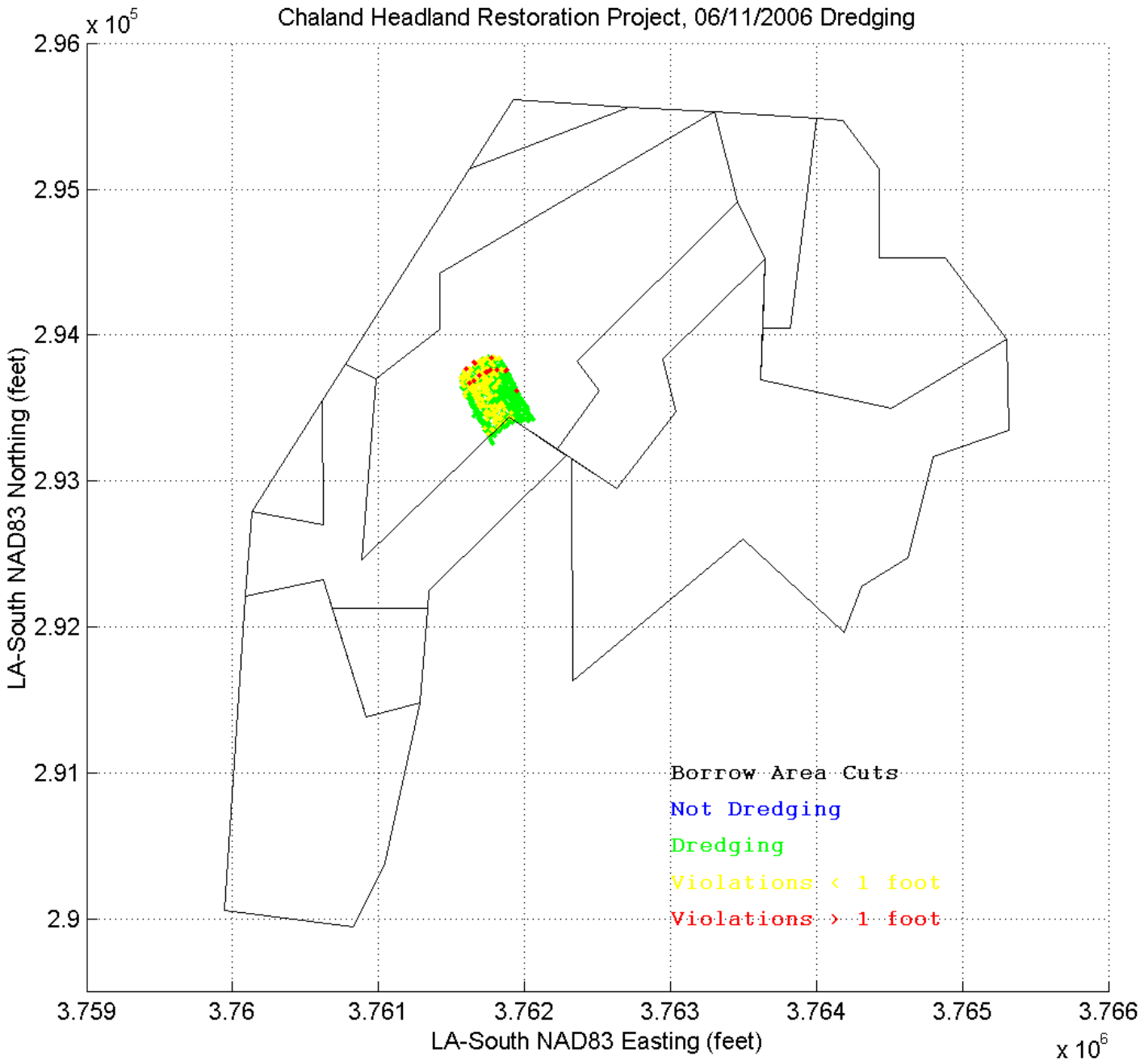
Escarpments near Station 38+00 looking west.

Escarpments near Station 38+00 looking east.

Fill area looking west from Station 47+00 at the northern extent of the dune crest.

Gulf of Mexico wave conditions near Station 38+00 at 17:15.


Chaland Headland Restoration Project, 06/10/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot


Chaland Headland Restoration Project, 06/11/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 13, 2006 | OBSERVATION REPORT NO: 80
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 210
ARRIVAL TIME: 14:15 | DEPARTURE TIME: 16:15
19:00 | 20:15

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SE 2'-3', SE 1'-2'
WIND SPEED AND DIRECTION: N 10-15 mph, NNE 5-10 mph
TEMPERATURE: 85°-95° F, 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill, Containment Dikes
OUTFALL LOCATION: Station 38+00
NORTH CONTAINMENT DIKE LOCATION: Station 46+00
SOUTH CONTAINMENT DIKE LOCATION: Station 46+00
OTHER CONTAINMENT DIKE LOCATION: Station 38+00
BEACH FILL AREA EXTENT LOCATION: Station 48+56, Station 49+50
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #1
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	No	
15.	Are the borrow area buoys in place and working properly?	Yes	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a discharge sample been collected?	Yes	Observation #5
20.	Has a representative sand sample been collected?	Yes	Observation #6
	Location: CH005, Sta. 38+00 Ra. -1+60 (N29.3125° W89.7729°), 15:20		
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	No	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 13, 2006 OBSERVATION REPORT NO: 80

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Obtained revised WMI Daily Quality Control Reports (DQCR) for 6/10 and 6/11 along with the WMI DQCR for 6/12. Inconsistencies were found in all reports obtained. Inconsistencies included outfall location, outfall advance, and survey activities performed while conducting the daily bird patrol. On the 6/12 WMI DQCR it was stated that the borrow area buoys were checked when the dredge was not on-site due to rough wave conditions. Additionally, the format of the reports misplaced descriptive items or did not show them at all. See discussion item #1.

2. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 38+00 Range -1+00 and pointed east. The slurry flowed east along the south containment dike and entered the breach at the extent of the beach fill near Station 49+50. The beach fill had an elevation of approximately 4 feet NAVD near the outfall and decreased to 1 foot NAVD at Station 49+50. The north containment dike extended to Station 46+00 at Range -3+00 and had a crest elevation of approximately 6 feet NAVD. The south containment dike extended to Station 46+00 at Range -0+60 and had a crest elevation of approximately 6 feet NAVD. The center containment dike extended to Station 38+00 at Range -1+60 and had a crest elevation of approximately 5 feet NAVD.

3. The dune crest between the north and south containment dikes between Station 30+00 and Station 38+00 had a crest elevation of 5 feet NAVD. Two low lying areas with standing water were observed on both sides of the shore pipe. The low lying area on the south side of the shore pipe extended from Station 32+00 to Station 33+00. The low lying area on the north side of the shore pipe extended from Station 30+75 to Station 32+50. No shore pipe leaks were observed in this location.

4. A bulldozer was building the center containment dike near Station 38+50. A marsh buggy excavated material from the slurry flow channel north of the south containment dike near Station 40+00. The excavated material was side cast on the south containment dike.

5. A sample of the discharge from the outfall was taken at 13:55 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. The discharge sample suggested that there was more silt in the discharge relative to the sample taken on 6/10.

6. Sand sample CH004 was taken at Station 38+00 Range -1+60 (N29.3125° W89.7729°), 15:20. The munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

7. Three foot escarpments were observed along the entirety of the south containment dike.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 13, 2006 OBSERVATION REPORT NO: 80

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Jason Manthey (NOAA) about the WMI Daily Quality Control Reports (DQCR). I described the DQCR issues stated in observation #1. Jason stated that the quality of the WMI DQCR has been going downhill since dredging began. I concurred. Jason said that a non-compliance should be issued as the information within the WMI DQCR is inconsistent with the construction activities taken place. I spoke with Gordon Thomson (CPE) about the inconsistencies observed in the WMI DQCR. Gordon stated that he will issue a non-compliance to WMI for the quality of the WMI DQCR.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. See observation #1. As per General Condition 18.9, "If reoccurring deficiencies in an item or items indicate that the quality control system is not adequate, or reports are not being provided in a timely manner, the CONTRACTOR shall undertake such corrective actions as directed by the GOVERNMENT."

Mushroom discharge at Station 38+00 looking east.

Gulf of Mexico wave conditions near Station 38+00 at 15:15.

Bulldozer building the center dike near Station 38+00.

Marsh buggy building the south dike near Station 40+00.

DATE: June 13, 2006 OBSERVATION REPORT NO: 80

Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.

Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.

Low lying area on the south side of the shore pipe between Station 32+00 and Station 33+00.

Low lying area on the north side of the shore pipe between Station 30+75 and Station 32+50.

Three foot escarpments observed along the south containment dike looking west from Station 38+00.

Three foot escarpments observed along the south containment dike looking east from Station 38+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 14, 2006 | OBSERVATION REPORT NO: 81
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 211
ARRIVAL TIME: 12:30 | DEPARTURE TIME: 14:30
15:45 | 17:45

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S 2'-3', S 1'-2'
WIND SPEED AND DIRECTION: SE 5-10 mph, SE 10-15 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Beach Fill, Containment Dikes
OUTFALL LOCATION: Station 41+50, Station 43+50
NORTH CONTAINMENT DIKE LOCATION: Station 48+50, Station 51+00
SOUTH CONTAINMENT DIKE LOCATION: Station 48+00, Station 49+50
OTHER CONTAINMENT DIKE LOCATION: Station 41+50, Station 44+00
BEACH FILL AREA EXTENT LOCATION: Station 49+50, Station 50+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach staking between Station 106+64 and Station 147+77.		Discussion #3

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #4

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	No	
15.	Are the borrow area buoys in place and working properly?	Yes	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a discharge sample been collected?	Yes	Observation #7
20.	Has a representative sand sample been collected?	Yes	Observation #8
	Location: CH006, Sta. 43+00 Ra. -1+50 (N29.3123° W89.7048°), 16:40		
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	No	Observation #9
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 14, 2006 OBSERVATION REPORT NO: 81

26.	Are sand fencing operations being conducted?	N/A
	Post location:	
	Fence location:	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I was unable to perform a morning observation as there was no boat available for the observer. See discussion item #1.

2. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 41+50 Range -1+00 and pointed east. The slurry flowed east along both the north and south containment dikes and entered the breach at the extent of the beach fill near Station 49+50. The beach fill had an elevation of approximately 4 feet NAVD near the outfall and decreased to 2 foot NAVD at Station 49+50. The north containment dike extended to Station 48+50 at Range -3+00 and had a crest elevation of approximately 6 feet NAVD. The south containment dike extended to Station 48+00 at Range -0+60 and had a crest elevation of approximately 6 feet NAVD. The center containment dike extended to Station 41+50 at Range -1+60 and had a crest elevation of approximately 5 feet NAVD.

3. Waves from the Gulf of Mexico and the slurry flow was rapidly eroding the east end of the south containment dike near Station 44+00. Later in the day two bulldozers were building the south containment dike near Station 44+00 to protect it from breaching.

4. The north to south running primary dike at Station 7+00 was breached resulting in a 50 foot gap between Range -8+75 and Range -9+25. The width was also compromised as it was roughly 2 to 4 feet wide between Range -8+00 and Range -8+75. See discussion item #2.

5. Two bulldozers added dredge pipe to extend the outfall to Station 43+50.

6. A marsh buggy was constructing the north containment dike on the east side of the breach near Station 51+00. The breach has been closed and the fill extends to Station 50+00.

7. A sample of the discharge from the outfall was taken at 16:30 in a 2-liter bottle to determine the relative silt content; a documentary photograph was taken at the 15 minute mark. The discharge sample suggested that the relative silt content was similar to that observed on 6/13.

8. Sand sample CH004 was taken at Station 43+00 Range -1+50 (N29.3123° W89.7048°) at 16:40. The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

9. Three foot escarpments were observed along the entire length of the south containment dike.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the lack of transportation for the observer. I showed Paul General Condition 24.3 which states, "At the GOVERNMENT's request, the CONTRACTOR shall provide dedicated boat transportation for the observer to access the work from Grand Isle or the CONTRACTOR's boarding facilities (if not located on the island). After reading General Condition 24.3 Paul provided boat transportation in a timely manner.

DATE: June 14, 2006 OBSERVATION REPORT NO: 81

2. I spoke with Paul Stewart (WMI) about the primary dike near Station 7+00 that has been breached. Paul stated that the breach was observed yesterday. Paul said that the wave action caused the breach and that is the reason why WMI requested to use the geotextile to protect the primary dike in that location. Paul said that it will be fixed when the proper equipment is available.

3. I spoke with DJ Johnston (WMI) about the beach grade staking. DJ stated that the beach grade staking is complete for all CG and CM profile lines, staking between Station 106+64 and Station 147+77 today; the northern extent of the dune crest and intermediate locations 100 feet south were staked. DJ said that intermediate locations between the northern extent of the dune crest and the beginning of the marsh have also been staked. DJ stated that the northern extent, and southern extent when water depths allow, of the dune crest is noted with a white marker near the top of the metal conduit. DJ said that WMI surveyors also placed duck tape on beach grade stakes between Station 53+40 and Station 106+64 that mark the northern extent of the dune crest. The station number and the letters NC, for Northern Crown, are written on the duck tape.

4. I spoke with Paul Stewart (WMI) about tomorrows boat schedule. I stated that visitors will be waiting at the dock to be picked-up at 7:30. Paul stated that the boat captain is spending the night at the dock tonight and will wait for all to arrive before leaving the dock. Paul said that he informed that boat captain that the visitors are expecting a 7:30 departure.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Mushroom discharge at Station 41+50 looking east.

Breach in the primary dike near Station 7+00.

Bulldozer adding 90° elbow dredge pipe to facilitate a mushroom discharge.

Bulldozers constructing the west containment dike after advancing the dredge pipe.

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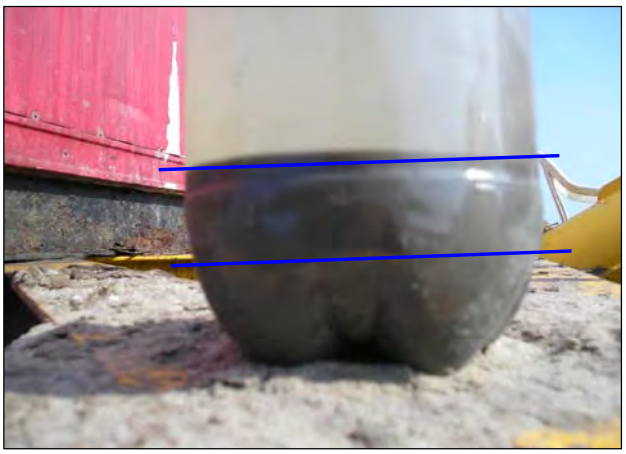
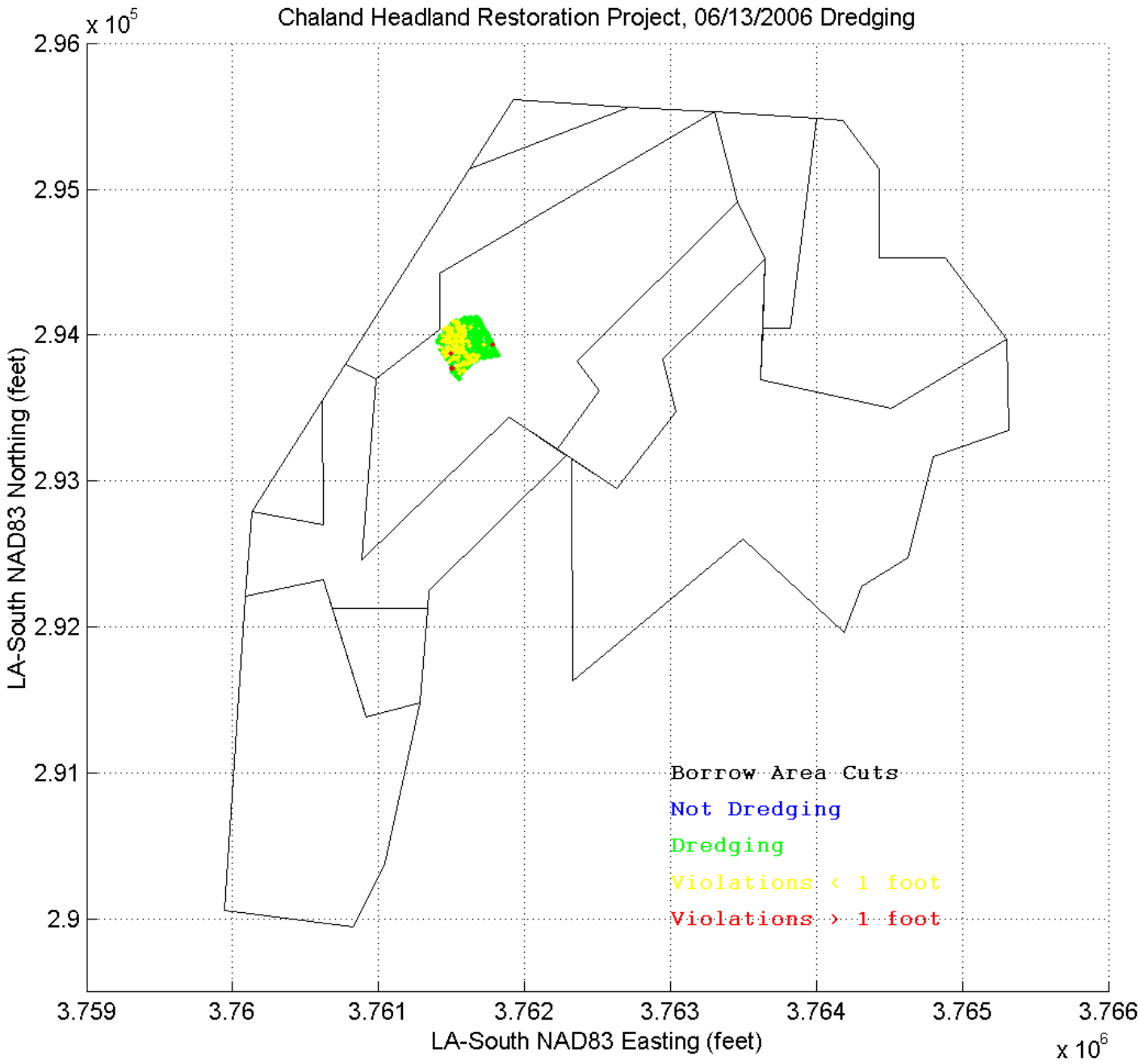
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: June 14, 2006 OBSERVATION REPORT NO: 81

The closed breach between Station 34+04 and Station 53+40.



Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 06/13/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 15, 2006 | OBSERVATION REPORT NO: 82
OBSERVER: Jonathan Rager | CONTRACT DAY: 212
ARRIVAL TIME: 9:40 | DEPARTURE TIME: 12:15
14:40 | 15:30
18:40 | 19:40

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 1-3'
WIND SPEED AND DIRECTION: S 5-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill, Containment Dikes, Primary Dike Construction
OUTFALL LOCATION: Sta. 44+75
NORTH CONTAINMENT DIKE LOCATION: Sta. 44+50 to Sta. 51+30
SOUTH CONTAINMENT DIKE LOCATION: Sta. 44+50 to Sta. 53+30
OTHER CONTAINMENT DIKE LOCATION: Sta. 44+50
BEACH FILL AREA EXTENT LOCATION: Sta. 53+80
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	Observation #12
	Location: between Sta. 90+42 and Sta. 92+12		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #6

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
14.	Are borrow area overburden removal operations being conducted at this time?	No	
15.	Are the borrow area buoys in place and working properly?	Yes	
16.	Is overdredging within the borrow area occurring?	Yes	Observation #7

Beach Fill

17.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #3
18.	Are grade stakes in place for the fill location?	Yes	
19.	Has debris been removed prior to placement of fill?	Yes	
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Has a representative sand sample been collected?	Yes	Observation #5
	Location: Sta. 41+50		
22.	Does the material appear to meet technical requirements?	Yes	
23.	Were the constructed berms measured?	No	
	Measurement:		
24.	Are escarpments being leveled?	No	
25.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		
26.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 15, 2006 OBSERVATION REPORT NO: 82

27.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
28.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
29.	Is material being discharged into marsh area?	No	
30.	Is the discharge pipe being moved?	N/A	
31.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
32.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	
	Location: between Sta. 116+32 and Sta. 121+16		
33.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
34.	Has required coordination with utility operators occurred?	N/A	
35.	Was work performed today on canal closures?	Yes	Observation #12
36.	Have any settlement plates been installed today?	No	
37.	Did any other work activities of note occur today?	No	
38.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Thomas Campbell (CPE), Russ Joffrion (DNR), Jason Manthey (NOAA), Jonathan Rager (CPE), Barry Richard (DNR), and Gordon Thomson (CPE) arrived on site at 09:00 today.

2. Thomas Campbell (CPE), Russ Joffrion (DNR), Jason Manthey (NOAA), Barry Richard (DNR), Gordon Thomson (CPE), and Andrew Wycklendt (CPE) departed the site at 18:00.

3. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Sta. 41+50 pointed east. Discharge operations ended around 18:00 as the dredge began sidecasting operations.

4. A sample discharge from the outfall was taken at 11:15 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 8 hour marks.

5. Sand sample CH007 was taken at Sta. 44+75 (N29.3046° W89.7708°) at 19:05. The Munsell color of the representative sand sample taken at this location was 5Y-5/1 (Gray).

6. The breach of the primary dike at Sta. 7+00 is approximately 25' wide with a heavy tide flowing in and out.

7. The overdredging at 2.94E5 N and 3.7614E6 W NAD83 appears to be systematic and the result of a swing crossing over two dredging depth contours without changing cutter head depth.

8. Diesel fuel tank near Sta. 29+20 is missing the external tank plug and fire extinguishers at each fuel tank are lacking expiration date tags.

9. Canal closure sign at Sta. 7+00 has been temporarily installed to a pile by rope.

10. A small pile of ashes and burned cardboard were observed on the beach at Sta. 37+50.

11. There is a leak is the shore pipe at Sta. 35+50. The leak had been marked for repair.

12. Unit 542 excavated on the northern half of the OIAC between Sta. 116+32 and Sta. 121+16. Unit 542 unloaded the barges on the primary dike at the closure at Sta. 91+00.

13. Unit 418 performed no work today, and neither Unit 542 nor Unit 418 performed any night work.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 15, 2006 OBSERVATION REPORT NO: 82

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The bi-weekly meeting was held today. All of the personnel listed in the observations, Tim Vestal (WMI), and Paul Stewart (WMI) were in attendance. Items discussed included RFI #7, Non-compliance notices, extension of contract time, notification of dredge demobilization, status of cost proposal, June 16 dedication, sand fence deduct proposal, construction schedule, silt content of beach, access road, mars drainage, Hunt dredging work, and the diesel tank. All of these items are described fully in the bi-weekly meeting minutes.

2. Paul Stewart (WMI) stated that the Tom James dredge will be side casting through the weekend to prepare for another round of sand dredging.

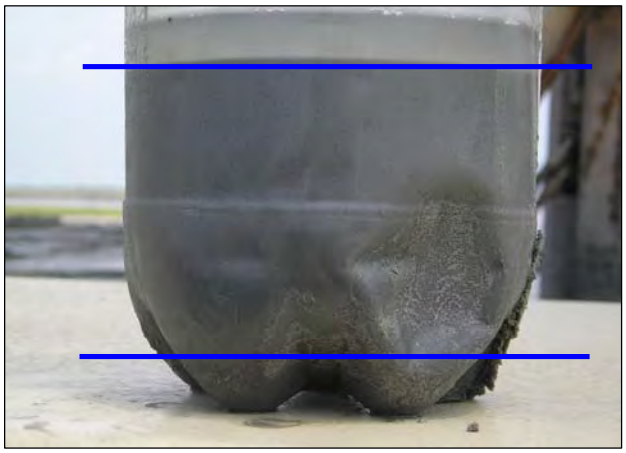
3. Paul Stewart (WMI) stated that fuel tanks labeled "Void" are double hulled and thus do not require the additional external tank to fulfill safety requirements.

4. Jason Manthey (NOAA) stated that the beach staking between Sta. 63+08 and Sta. 67+91 is not up to standard, especially when compared to the staking for the rest of the area between Sta. 67+91 and Sta. 106+64.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

DATE: June 15, 2006 OBSERVATION REPORT NO: 82



Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.

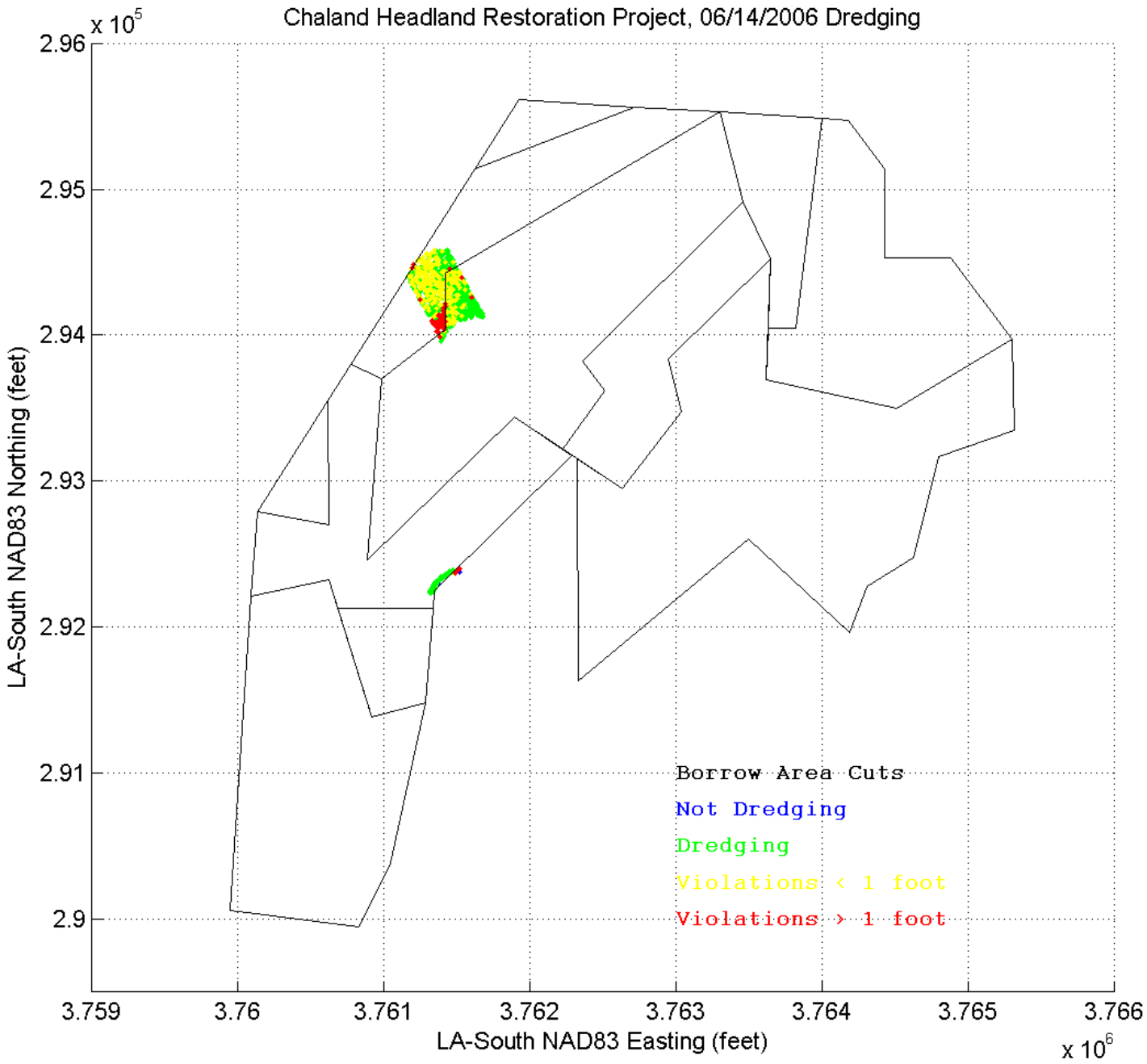
Discharge sample after settling for 8 hours. The blue lines are used to show sand, silt, and water interfaces.

Canal closure sign temporarily fixed by rope in front of primary dike at Sta. 7+00.

External diesel fuel tank near Sta. 29+20 lacking plug.

Ashes and burnt cardboard found on the beach at Sta. 37+50.

Gulf of Mexico wave conditions on seaward side of Sta. 128+42.


Chaland Headland Restoration Project, 06/14/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 16, 2006 | OBSERVATION REPORT NO: 83
OBSERVER: Jonathan Rager | CONTRACT DAY: 213

ARRIVAL TIME:	8:15	DEPARTURE TIME:	9:45
	14:15		15:15
	17:10		18:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 1-3'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Access Road and Primary Dike Construction
OUTFALL LOCATION:	Sta. 44+75
NORTH CONTAINMENT DIKE LOCATION:	Sta. 51+30
SOUTH CONTAINMENT DIKE LOCATION:	Sta. 53+30
OTHER CONTAINMENT DIKE LOCATION:	Sta. 44+50
BEACH FILL AREA EXTENT LOCATION:	Sta. 53+80
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	Yes	Observation #5
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #4
	Location 1: Beach staking between Sta. 7+33 and Sta. 23+00		
	Location 2: Beach staking between Sta. 28+00 and Sta. 46+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: between Sta. 90+42 and Sta. 92+12		Observation #2
	Location 2: Sta. 7+00		Observation #3
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	Observation #3

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #4
14.	Are borrow area overburden removal operations being conducted at this time?	Yes	
15.	Are the borrow area buoys in place and working properly?	Yes	
16.	Is overdredging within the borrow area occurring?	No	

Beach Fill

17.	Are sand dredging and discharge operations being conducted at this time?	No
18.	Are grade stakes in place for the fill location?	N/A
19.	Has debris been removed prior to placement of fill?	N/A
20.	Has a discharge sample been collected?	N/A
21.	Has a representative sand sample been collected?	N/A
	Location:	
22.	Does the material appear to meet technical requirements?	N/A
23.	Were the constructed berms measured?	No
	Measurement:	
24.	Are escarpments being leveled?	N/A
25.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
26.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 16, 2006 OBSERVATION REPORT NO: 83

27.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
28.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
29.	Is material being discharged into marsh area?	No	
30.	Is the discharge pipe being moved?	N/A	
31.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
32.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	Yes	Observation #2
	Location: between Sta. 116+32 and Sta. 121+16		
33.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
34.	Has required coordination with utility operators occurred?	N/A	
35.	Was work performed today on canal closures?	Yes	
36.	Have any settlement plates been installed today?	No	
37.	Did any other work activities of note occur today?	Yes	Observation #1
	Access Road construction at Sta. 77+60		
38.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The access road from Robinson Canal closure at Sta. 77+00 to the beach at Sta. 79+00 was completed today. See Discussion #1.

2. Unit 542 loaded dredged material from the OIAC between Sta. 116+32 and Sta. 121+16 in barges. These barges were emptied by Unit 542 onto the primary dike in the closure between Sta. 90+42 and Sta. 92+12.

3. Unit 879 placed material onto the primary dike breach at the closure at Sta. 7+00 yesterday. The dike now has a continuous elevation of at least 3' across the closure.

4. No material was discharged by the Tom James to the beach today. Instead, material was sidecast to uncover sand in the borrow area.

5. The WMI surveyors were placing grade stakes at 100-foot intervals near Sta. 20+00.

6. Unit 418 did not perform any work today, and neither Unit 542 nor Unit 418 performed any night work.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Paul Stewart (WMI) stated that the Tom James dredge might cut the sidecasting period short to fill the gap in the beach between Sta. 58+23 and Sta. 63+08.

2. Paul Stewart (WMI) discussed with me how they obtained the material for the access road at Sta. 77+60. To close the gap on the landward side of the beach, material was scraped from the beach by dozers and placed in the gap. Some material from the spoil mound was pushed down to create a slope towards the filled gap.

3. A safety meeting was held with all the crew today on fire procedure. How to turn off the electricity, start the emergency pump manually, and use the fire hose was covered. The cleanliness of the quarters barge was also discussed.

4. The WMI surveyors stated that they staked as much of the beach between Sta. 7+33 and Sta. 23+00 and between Sta. 28+00 and Sta. 46+00 as depth and conditions permitted.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 16, 2006 OBSERVATION REPORT NO: 83

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

No discharge from dredging operations today.

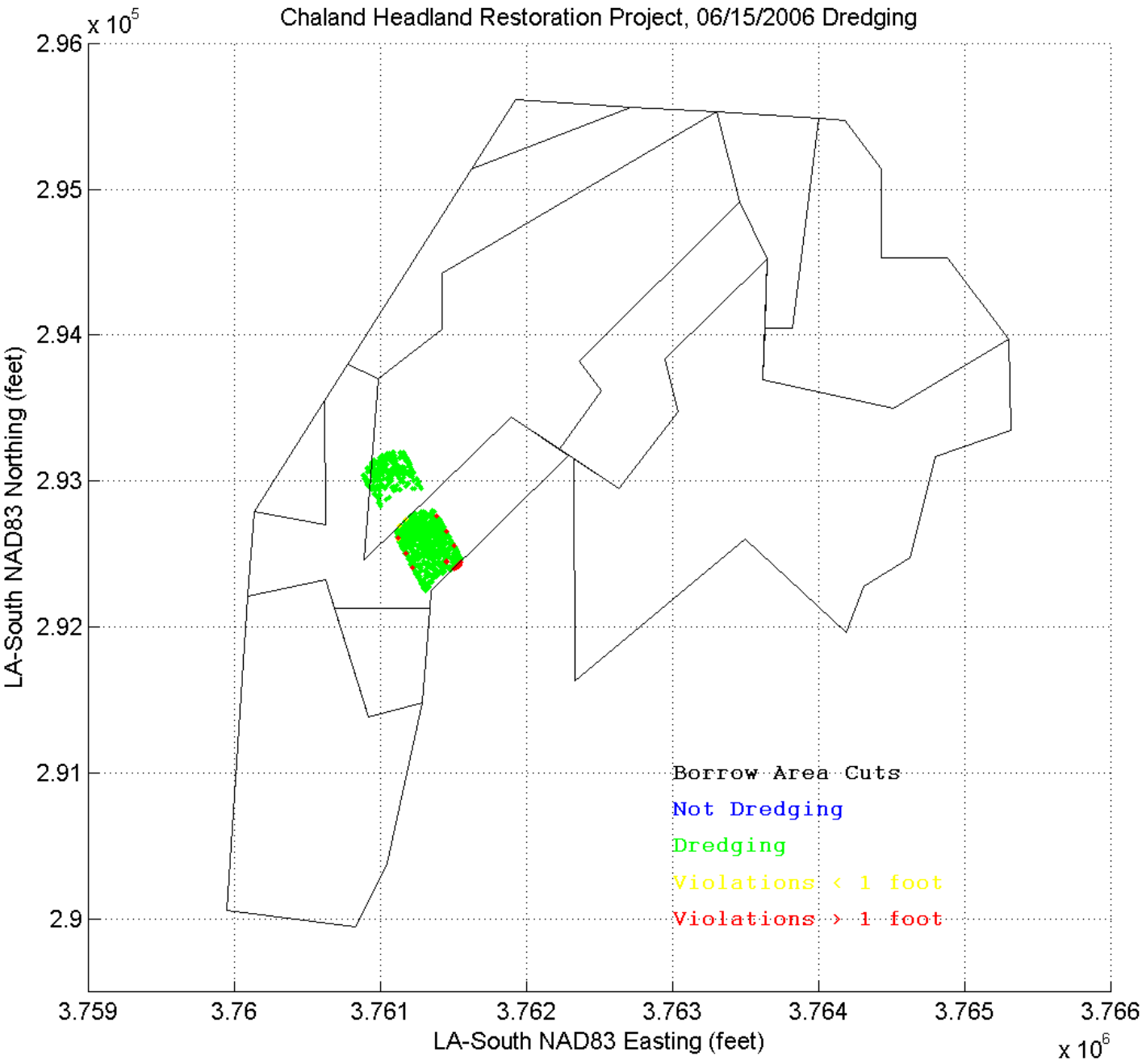
Surveyors placing beach stakes near Sta. 20+00.

The access road at Sta. 77+60 going across the gap. The change in construction material can be seen as color changes.

Beach area at Sta. 79+00 after being scraped for access road material.

Repaired closure at Sta. 7+00.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.


Chaland Headland Restoration Project, 06/15/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 17, 2006 | OBSERVATION REPORT NO: 84
OBSERVER: Jonathan Rager | CONTRACT DAY: 214

ARRIVAL TIME:	DEPARTURE TIME:
8:15	10:30
15:00	15:45
16:30	17:45
20:45	21:40

WEATHER CONDITIONS: Partly Cloudy to Cloudy
WAVE HEIGHT AND DIRECTION: S 1-3'
WIND SPEED AND DIRECTION: SE 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Primary Dike Construction and Borrow Area Overburden Removal
OUTFALL LOCATION: Sta. 44+75
NORTH CONTAINMENT DIKE LOCATION: Sta. 51+30
SOUTH CONTAINMENT DIKE LOCATION: Sta. 55+70
OTHER CONTAINMENT DIKE LOCATION: Sta. 44+50
BEACH FILL AREA EXTENT LOCATION: Sta. 53+80
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach staking between Sta. 7+33 and Sta. 46+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: between Sta. 90+42 and Sta. 92+12		Observation #1
	Location 2: between Sta. 63+08 and Sta. 67+91		Observation #1
	Location 3: between Sta. 124+40 and Sta. 126+00		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Discussion #1
	Type: Overburden removal		
14.	Are the borrow area buoys in place and working properly?	Yes	Observation #7
15.	Is overdredging within the borrow area occurring?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a discharge sample been collected?	N/A	
20.	Has a representative sand sample been collected?	N/A	
	Location:		
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 17, 2006 OBSERVATION REPORT NO: 84

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: between Sta. 116+32 and Sta. 121+16	Yes	Observation #1
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	Yes	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 loaded dredged material from the OIAC between Sta. 116+32 and Sta. 121+16 in barges. These barges were emptied by Unit 542 onto the primary dike in the closure between Sta. 90+42 and Sta. 92+12 and on the primary dike between Sta. 63+08 and Sta. 67+91. In the OIAC, there is approximately 200' of unexcavated land left between Sta. 118+00 and Sta. 120+00.

2. Unit 418 placed material onto the primary dike at the closure between Sta. 124+40 and Sta. 126+00. The material came from the OIAC via barge.

2. The dozers on the beach worked to build up the containment dikes to an elevation averaging 5 feet.

3. The beach fill at the breach between Sta. 45+00 and Sta. 53+40 has dewatered and can be walked across.

4. No material was discharged by the Tom James to the beach today. Instead, material was sidecast to uncover sand in the borrow area.

5. Orange juice cans were found on canal shore at Sta. 54+00. I will discuss this with Gary Johnson (WMI) when he returns on Monday.

6. The night buoys for the submerged dredge line are functioning.

7. Paul Stewart (WMI) was in Grand Isle purchasing supplies today from 10:00 to 18:00.

8. Neither Unit 542 nor Unit 418 performed any night work.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Paul Stewart (WMI) stated that the Tom James dredge could stop sidecasting tomorrow and fill the gap in the beach between Sta. 58+23 and Sta. 63+08.

2. Tim Vestal (WMI) stated that surveys show that the OIAC from Sta. 96+96 to Sta. 111+48 is to grade, and that he will be surveying east of Sta. 111+48 today.

3. The WMI surveyors stated that they continued to stake the beach between Sta. 7+33 and 46+00 as depth and conditions permitted.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 17, 2006 OBSERVATION REPORT NO: 84

No discharge from dredging operations today.

Unit 542 placing material on the primary dike between Sta. 63+08 and Sta. 67+91.

Former breach (now filled in) of primary dike at Sta. 7+00.

Unit 542 placing material on the primary dike at the closure between Sta. 90+42 and Sta. 92+12.

Orange juice cans found on canal shore near Sta. 53+40.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: June 17, 2006 OBSERVATION REPORT NO: 84

The following pictures are of the access road from the closure of the Robinson Canal at Sta. 76+00 to the beach at Sta. 78+00. Each picture is taken 50 paces in front of the previous one.

0 Paces

50 Paces

100 Paces

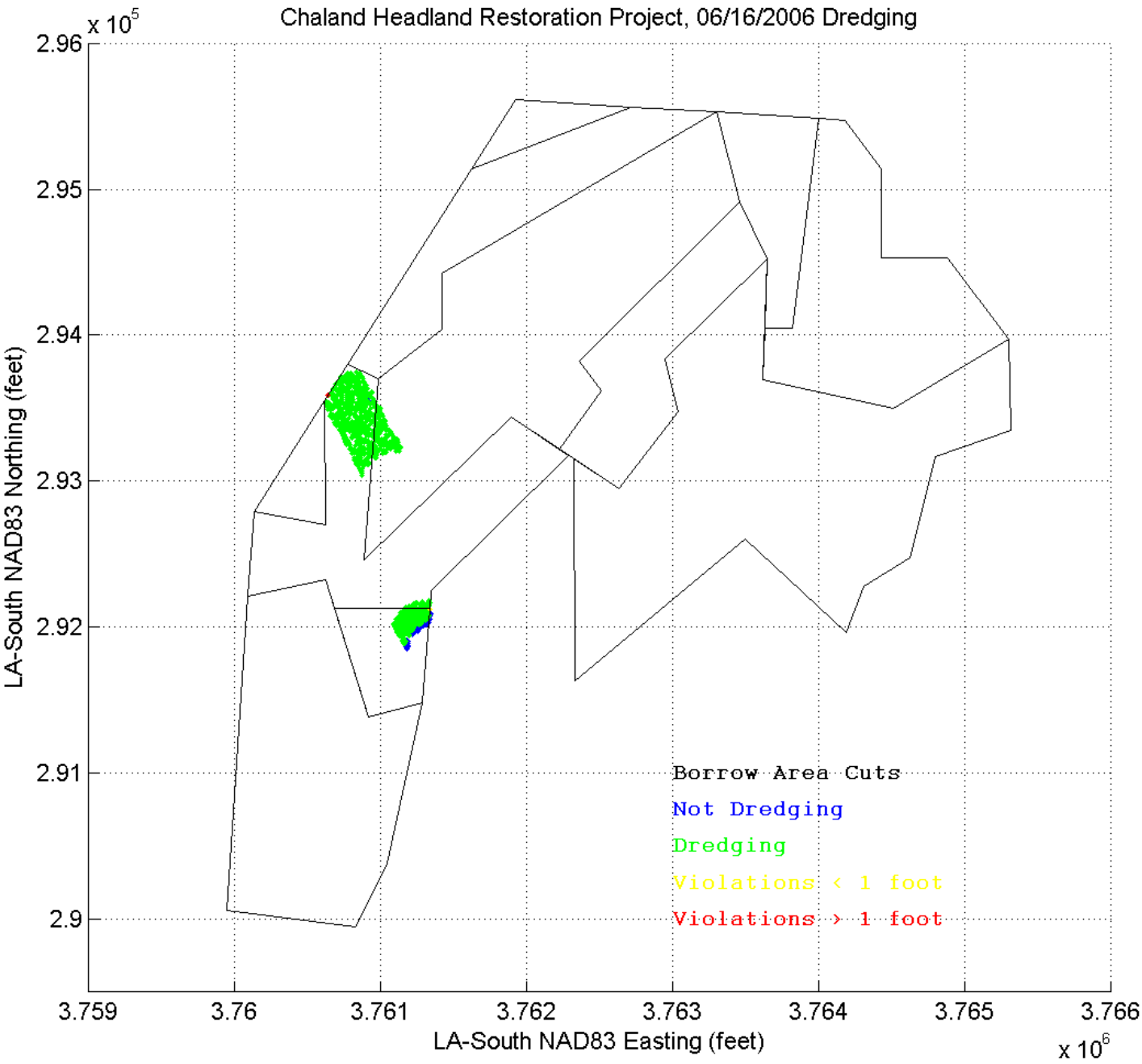
150 Paces

200 Paces

250 Paces

300 Paces

330 Paces


Chaland Headland Restoration Project, 06/16/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 18, 2006 | OBSERVATION REPORT NO: 85
OBSERVER: Jonathan Rager | CONTRACT DAY: 215

ARRIVAL TIME:	8:30	DEPARTURE TIME:	9:30
	13:45		15:00
	16:20		17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 1-2'
WIND SPEED AND DIRECTION:	SE 5-15 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Primary Dike Construction and Borrow Area Overburden Removal
OUTFALL LOCATION:	Sta. 44+75
NORTH CONTAINMENT DIKE LOCATION:	Sta. 51+30
SOUTH CONTAINMENT DIKE LOCATION:	Sta. 55+70
OTHER CONTAINMENT DIKE LOCATION:	Sta. 44+50
BEACH FILL AREA EXTENT LOCATION:	Sta. 53+80
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach staking between Sta. 48+00 and Sta. 86+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: between Sta. 90+42 and Sta. 92+12		Observation #1
	Location 2: between Sta. 116+32 and Sta. 119+00		Observation #1
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	Observation #4
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a discharge sample been collected?	N/A	
20.	Has a representative sand sample been collected?	N/A	
	Location:		
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 18, 2006 OBSERVATION REPORT NO: 85

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: between Sta. 116+32 and Sta. 121+16	Yes	Observation #1
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	Yes	Observation #1
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Canal closure pile installation	Yes	Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed dredged material from the OIAC between Sta. 116+32 and Sta. 121+16 behind the primary dike and in barges. These barges were emptied by Unit 542 onto the primary dike in the closure between Sta. 90+42 and Sta. 92+12. In the OIAC, there is approximately 100' of unexcavated land left between Sta. 119+00 and Sta. 120+00.

2. Unit 418 installed the piles for canal closures signs at the closures at Sta. 75+00, Sta. 91+00, and Sta. 125+00.

3. The dozers on the beach were observed moving the stockpile of shore pipe from Sta. 18+00 to Sta. 40+00.

4. No material was discharged by the Tom James to the beach today. Material was sidecast to uncover sand in the borrow area.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Paul Stewart (WMI) stated that the Tom James will resume pumping to the beach tomorrow morning (6/19).

2. I discussed transportation to the Tom James with Paul Stewart (WMI). For the short term, to prevent damage to the small boats, transportation to and from the Tom James will be via Grand Isle on the crew boat.

3. The WMI surveyors stated that they staked the beach area from Sta. 48+00 to Sta. 86+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 18, 2006 OBSERVATION REPORT NO: 85

No discharge from dredging operations today.

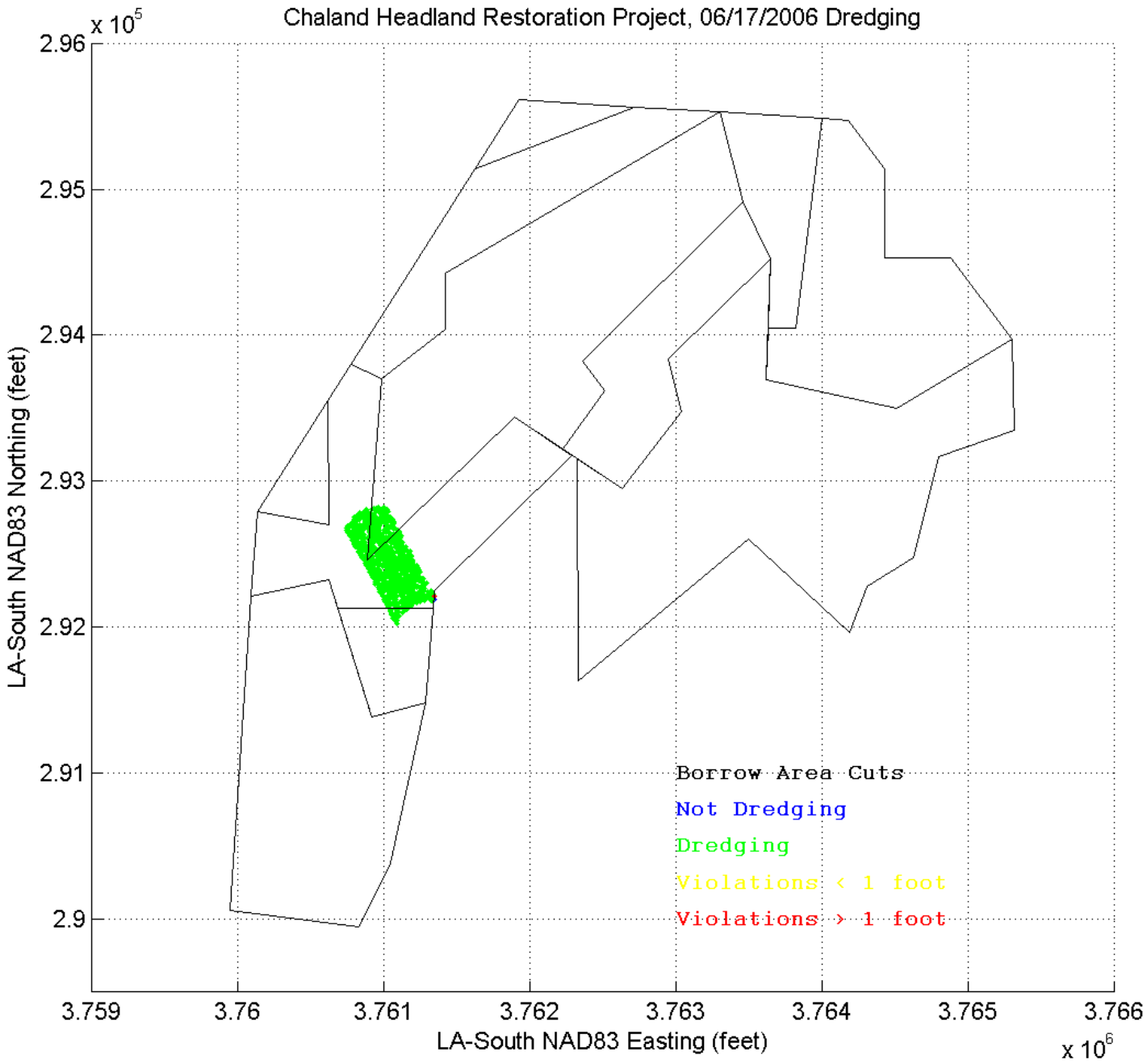
Dozer moving dredging shore pipe on the beach near Sta. 20+00.

Unit 542 loading barge near Sta. 119+00.

Unit 542 adding material behind primary dike near Sta. 117+00.

Pile driven by Unit 418 at closure near Sta. 91+00.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.


Chaland Headland Restoration Project, 06/17/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 19, 2006 | OBSERVATION REPORT NO: 86
OBSERVER: Jonathan Rager | CONTRACT DAY: 216
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 11:30
18:15 | 20:45

WEATHER CONDITIONS: Partly Cloudy to Rain
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: Calm
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill, Containment Dike Construction, Primary Dike Construction
OUTFALL LOCATION: Sta. 46+00
NORTH CONTAINMENT DIKE LOCATION: Sta. 58+00
SOUTH CONTAINMENT DIKE LOCATION: Sta. 60+00
OTHER CONTAINMENT DIKE LOCATION: Sta. 46+20
BEACH FILL AREA EXTENT LOCATION: Sta. 60+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	No	Discussion #2
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	If the daily quality control report is incomplete, what is missing?		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #6
	Location: Dune staking from Sta. 7+44 and moving east		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: between Sta. 53+40 and Sta. 58+23		Discussion #4
	Location 2: between Sta. 116+32 and Sta. 121+36		Observation #1
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	Observation #6
15.	Is overdredging within the borrow area occurring?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a discharge sample been collected?	Yes	Observation #4
20.	Has a representative sand sample been collected?	Yes	Observation #3
	Location: Sta. 56+30		
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 19, 2006 OBSERVATION REPORT NO: 86

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: between Sta. 116+32 and Sta. 121+16	Yes	Observation #1
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed dredged material from the OIAC between Sta. 116+32 and Sta. 121+16 behind the primary dike.

2. Dredging to the beach resumed today at 07:30. The outfall location was moved east with the purpose of filling in the gap between Sta. 58+23 and Sta. 63+08. The beach fill approached Sta. 60+00 at 20:00.

3. Sand sample CH008 was taken at Sta. 56+30 (N29.3046° W89.7708°) at 20:15. The Munsell color of the representative sand sample taken at this location was 2.5Y-6/1 (Gray).

4. A sample discharge from the outfall was taken at 19:00 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 50 minute marks. There appears to be more silt than the sample collected on 6/15

5. I visited the Tom James, while there I did not see a set of construction plans on the dredge.

6. 8 of the 9 borrow area buoys were in the correct location. The 9th was near its correct location and will be reset.

7. Gary Johnson (WMI) arrived today at 10:30 and Paul Stewart (WMI) left at 15:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Wade Thomassee (WMI Dredge Operator) stated that when removing the overburden with the Tom James, they cut to the template depth and not based on feel or RPMs. He also showed me how the progress of the dredge is tracked by hand on paper.

2. Jason (WMI Tom James Surveyor) stated that he has the digital file of the construction plans and specifications but not a printed paper copy. GC 31 requires that one complete set of construction plans and documents (with permits) be kept on the dredge.

3. Gary Johnson (WMI) stated that the gap between Sta. 58+23 and Sta. 63+08 should be filled in tonight. In the morning, they plan to turn the discharge pipe around and start filling the beach area to the west of Sta. 40+00.

4. Tim Vestal (WMI) stated that Unit 542 loaded 2 barges between Sta. 116+32 and Sta. 121+16. These barges were unloaded by Unit 418 on the primary dike at the closure between Sta. 53+40 and Sta. 58+23.

5. Tim Vestal (WMI) stated that Ted Vestal (WMI) will take depth measurements in the OIAC within the next couple days.

6. WMI surveyors stated that they began staking the landward toe of the dune from Sta. 7+44 and moving East.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 19, 2006 OBSERVATION REPORT NO: 86

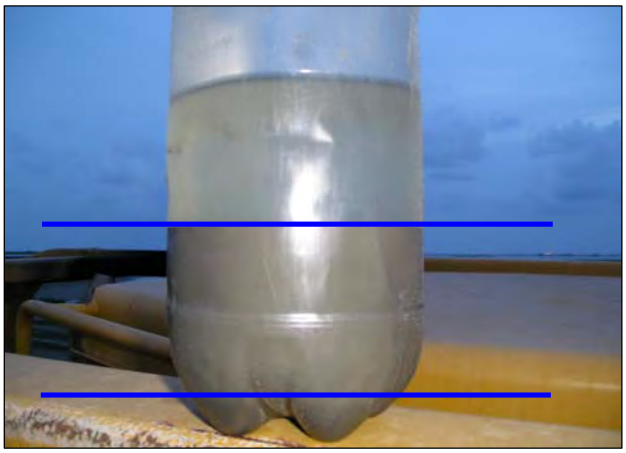
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

Mushroom discharge at Sta. 46+00 looking south.

Tom James' method of tracking dredging progress. Highlighted areas = overburden removed, whited out areas = sand removed

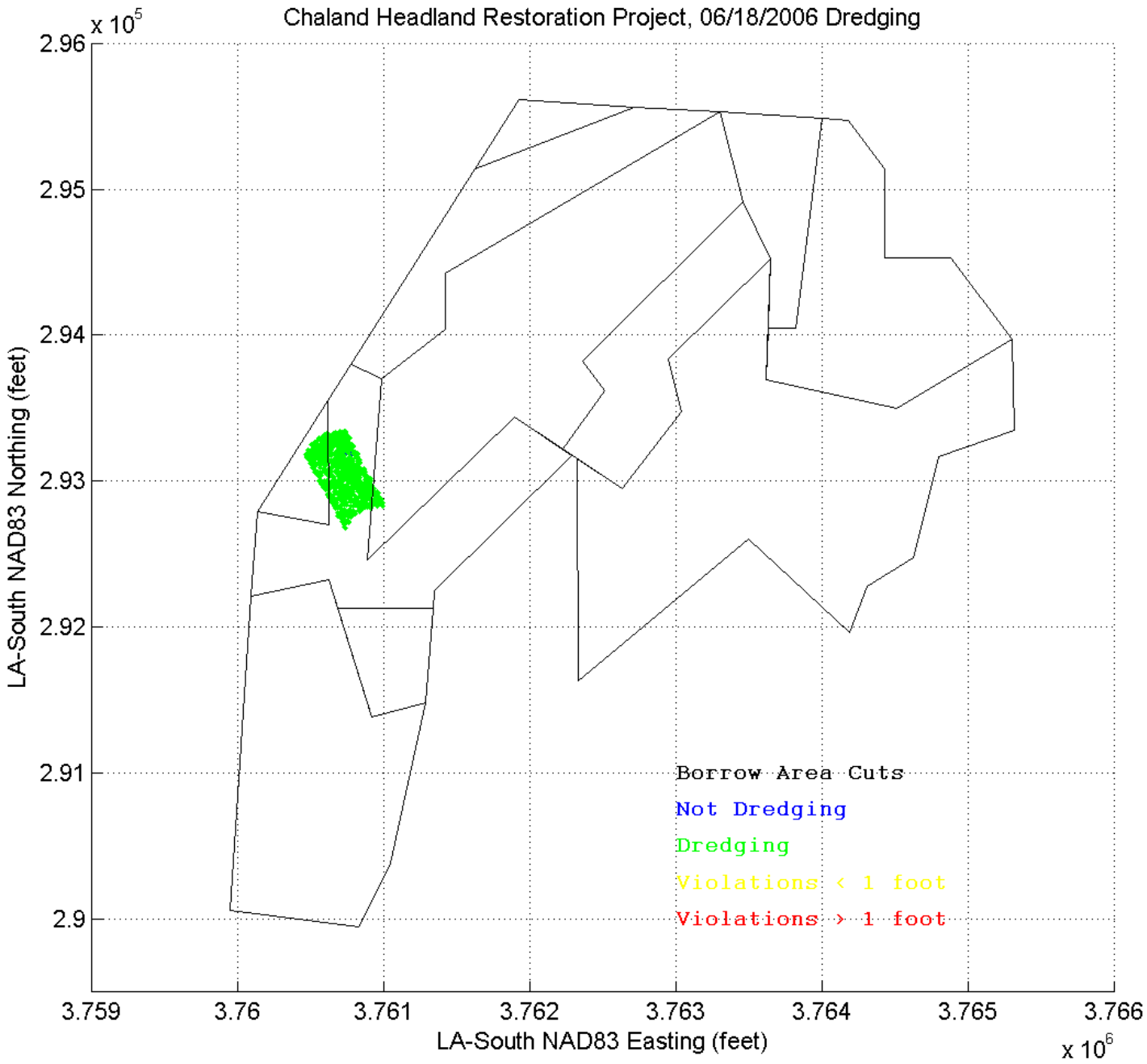
Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 50 minutes. The blue lines are used to show sand, silt, and water interfaces.

Checking borrow area buoys on the Steve L.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.


Chaland Headland Restoration Project, 06/18/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 20, 2006 | OBSERVATION REPORT NO: 87
OBSERVER: Jonathan Rager | CONTRACT DAY: 217
ARRIVAL TIME: 9:00 | DEPARTURE TIME: 11:40
15:45 | 18:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: SE 0-5 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill, Primary Dike Construction
OUTFALL LOCATION: Sta. 46+20 & Sta. 29+70
NORTH CONTAINMENT DIKE LOCATION: Sta. 63+00
SOUTH CONTAINMENT DIKE LOCATION: Sta. 63+00 & Sta. 29+40
OTHER CONTAINMENT DIKE LOCATION: Sta. 46+00
BEACH FILL AREA EXTENT LOCATION: Sta. 63+08
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	No	Discussion #2
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #7
	DQCR Comments: Dredge downtime no longer reported in DQCR		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #4
	Location: Dune staking from Sta. 7+44 and moving east		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location 1: between Sta. 53+40 and Sta. 58+23		Observation #2
	Location 2: between Sta. 116+32 and Sta. 121+36		Observation #1
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	Yes	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #3
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #4
	Location: Sta. 59+00		
20.	Has a discharge sample been collected?	Yes	Observation #5
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 20, 2006 OBSERVATION REPORT NO: 87

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: between Sta. 119+00 and Sta. 121+16	Yes	Observation #1
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed dredged material from the OIAC between Sta. 116+32 and Sta. 121+16 behind the primary dike and loaded two barges.

2. Unit 418 unloaded the two barges of material on the sides of the primary dike at the closure between Sta. 53+40 and Sta. 58+23, but not in the middle, allowing it to remain passable by boat.

3. Beach fill was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. There were two outfall locations. The outfall was located at Sta. 46+20 pointed east to fill in the gap between Sta. 58+23 and Sta. 63+08. Discharge operations at this location ended around 15:00. The discharge pipe was then disassembled and rotated to face west at Sta. 29+70. Discharge operations resumed at 16:30 with the beach fill being pumped to the west

4. Sand sample CH009 was taken at Sta. 56+30 (N29.3114° W89.7664°) at 10:30. The Munsell color of the representative sand sample taken at this location was 5Y-5/1 (Gray).

5. A sample discharge from the outfall was taken at 09:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. There appears to be more silt than the sample collected on 6/15. The change in silt to sand ratio may be due to a different sampling protocol.

6. Overdredging in the within borrow area is prevalent. From 10:20 - 15:40 the dredge averaged a violation of 0.4 ft. Comparing the entire day's work, 34% of the day was spent dredging too deep.

7. The dredge downtime is no longer recorded in the DQCR. The reason given is that this quantity is already listed in the DDR.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that he needs sheet 29 of the revised drawings.

2. Gary Johnson (WMI) stated that the Tom James has all the necessary permits and is aware that a set of construction plans should be present on the dredge. Their plotter stopped functioning after sheet 14 was produced. I will follow up on when the plans are fully printed and present.

3. Tim Vestal (WMI) stated that he will do a final grade check on the OIAC when he returns next week.

4. WMI surveyors stated that they continued staking the landward toe of the dune from Sta. 7+44 and moving East.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

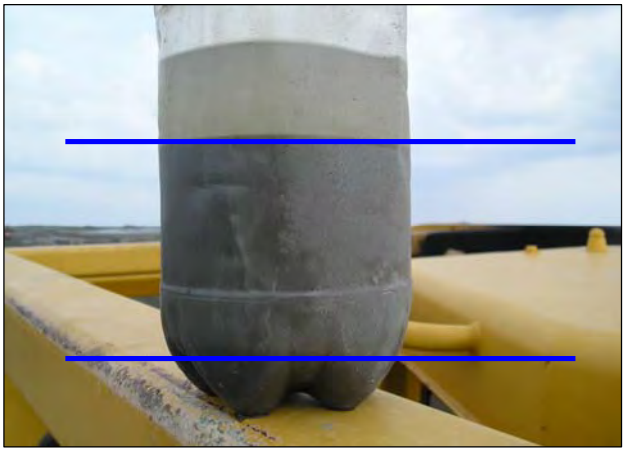
DATE: June 20, 2006 OBSERVATION REPORT NO: 87

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

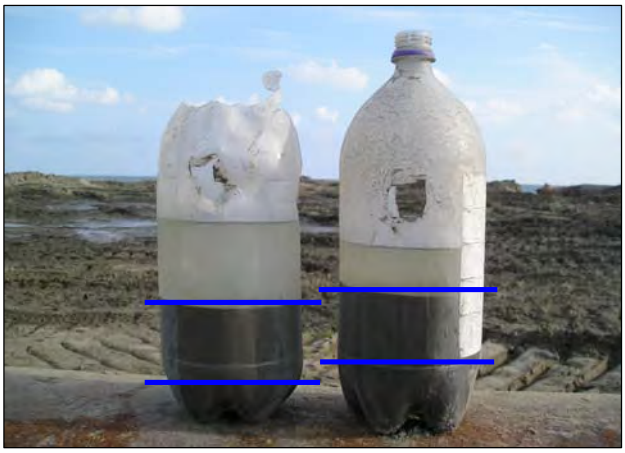
Initial mushroom water discharge at Sta. 29+70 looking west.

Unit 418's progress on the primary dike at the closure between Sta 53+40 and Sta. 58+23.



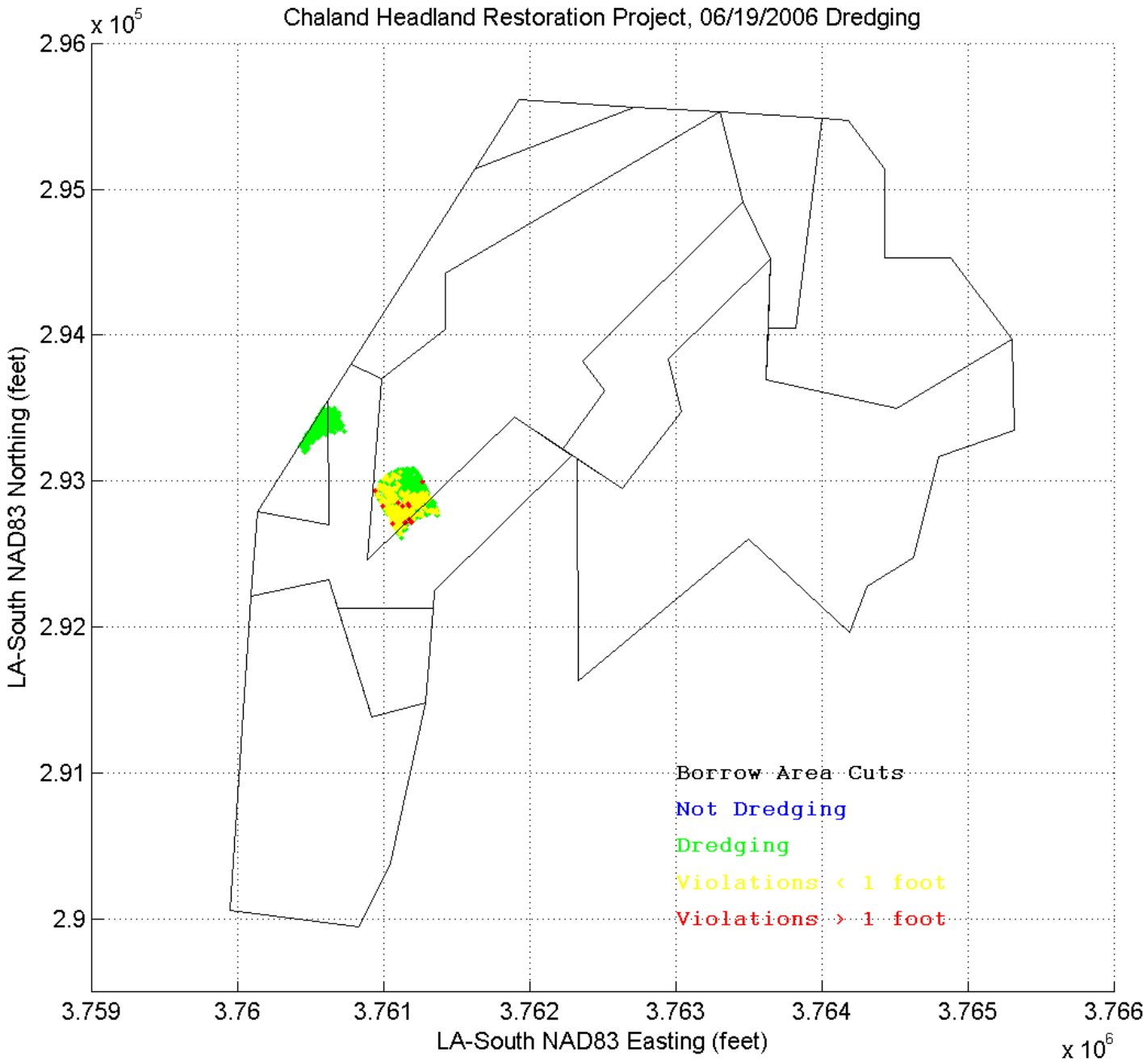
Discharge sample from Sta. 46+20 after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.

Discharge sample from Sta. 46+20 after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.



Comparison of discharge sampling methods from Sta. 29+70 after settling for 1 hour.

Gulf of Mexico wave conditions on seaward side of Sta. 10+00.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3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 21, 2006 | OBSERVATION REPORT NO: 88
OBSERVER: Jonathan Rager | CONTRACT DAY: 218
ARRIVAL TIME: 8:45 | DEPARTURE TIME: 11:00
16:45 | 18:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: SE 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill, Containment Dike Construction, Primary Dike Construction
OUTFALL LOCATION: Sta. 29+70
NORTH CONTAINMENT DIKE LOCATION: Sta. 21+75
SOUTH CONTAINMENT DIKE LOCATION: Sta. 19+05
OTHER CONTAINMENT DIKE LOCATION: Sta. 29+85
BEACH FILL AREA EXTENT LOCATION: Sta. 12+25
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	No	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Observation #7
	Comment on DQCR: Unit 542 downtime inconsistencies		
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	No	Discussion #1
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location: between Sta. 53+40 and Sta. 58+23		Observation #1
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	Yes	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #3
	Location: Sta. 27+60		
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 21, 2006 OBSERVATION REPORT NO: 88

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 placed material on the closure between Sta. 53+40 and Sta. 58+23 from nearby stockpiled material and from the spoil mound at Sta. 58+23. It also experienced down time today due to mechanical failure. Also see discussion #3.

2. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 29+70 pointed west. At 17:00 the southern containment dike was at Sta. 19+05 and the North containment dike extended to Sta. 21+75. The beach fill goes to approximately Sta. 12+25 and now extends 50 additional feet into the sea.

3. Sand sample CH010 was taken at Sta. 27+60 (N29.3132° W89.7762°) at 09:40. The Munsell color of the representative sand sample taken at this location was 5Y-5/1 (Gray).

4. A sample discharge from the outfall was taken at 09:10 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 8 hour marks. There appears to be less silt than the sample collected on 6/15

5. Overdredging in the within borrow area is prevalent. From 04:10 - 14:00 the dredge averaged a violation of 0.36 ft. Analyzing the entire day's work, 45% of the day was spent dredging too deep.

6. I observed the surveyors checking the beach fills progress from Sta. 43+72 to Sta. 63+08.

7. I did not receive the 6/20 DQCR until 08:30 of 6/22. The DQCR list Unit 542 as being inoperable from 05:00-05:00 (24 hours); this is inconsistent with my observations of the dredge operating.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gordon Thomson (CPE) and Gary Johnson (WMI) discussed on the phone the no excavation zone, the spoil mound at Sta. 58+23, and its relevance to marsh fill flow. Gordon stated that he was responding to the RFI. Gary Johnson had received permission to excavate at this location from Gerald Tomkins (Hunt Petroleum).

2. Gerald Tomkins (Hunt Petroleum) stated that the 3 inch saltwater discharge pipe running along the canal from the Northernmost point at Sta. 63+08 through Sta. 58+23 has been previously uninstalled and is no longer there and that all the flow lines running through the project site have been cut off and purged except for the line running North to South at Sta. 72+75..

4. Gary Johnson (WMI) received a burn permit from Plaquemines Parish which is valid from May 31, 2006 to December 30, 2006.

5. The sand fencing contractor was on site today. He specifically stated that he needs to have the sand post cost deduction settled so that he can get materials to the site in a timely manner. I called Jason Manthey (NOAA) and Gordon Thomson (CPE) and informed them of this conversation.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 21, 2006 OBSERVATION REPORT NO: 88

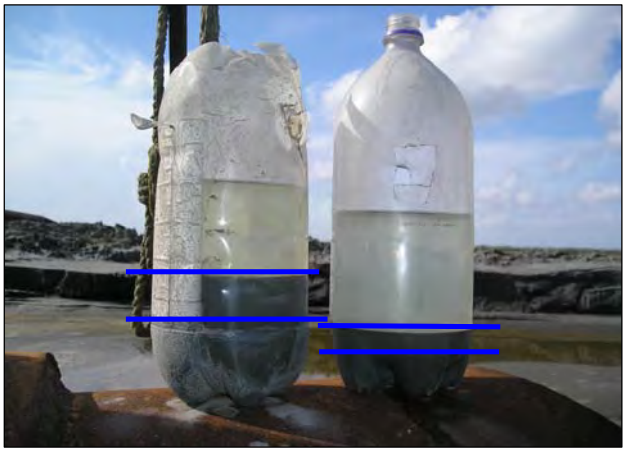
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Removal of material from a spoil bank at the closure at Sta. 58+23. Discussion #3
2. Overdredging within the borrow area. Observation #5

Mushroom discharge at Sta. 29+70 looking southwest.

Surveyor checking the beach fill progress near Sta. 60+00.

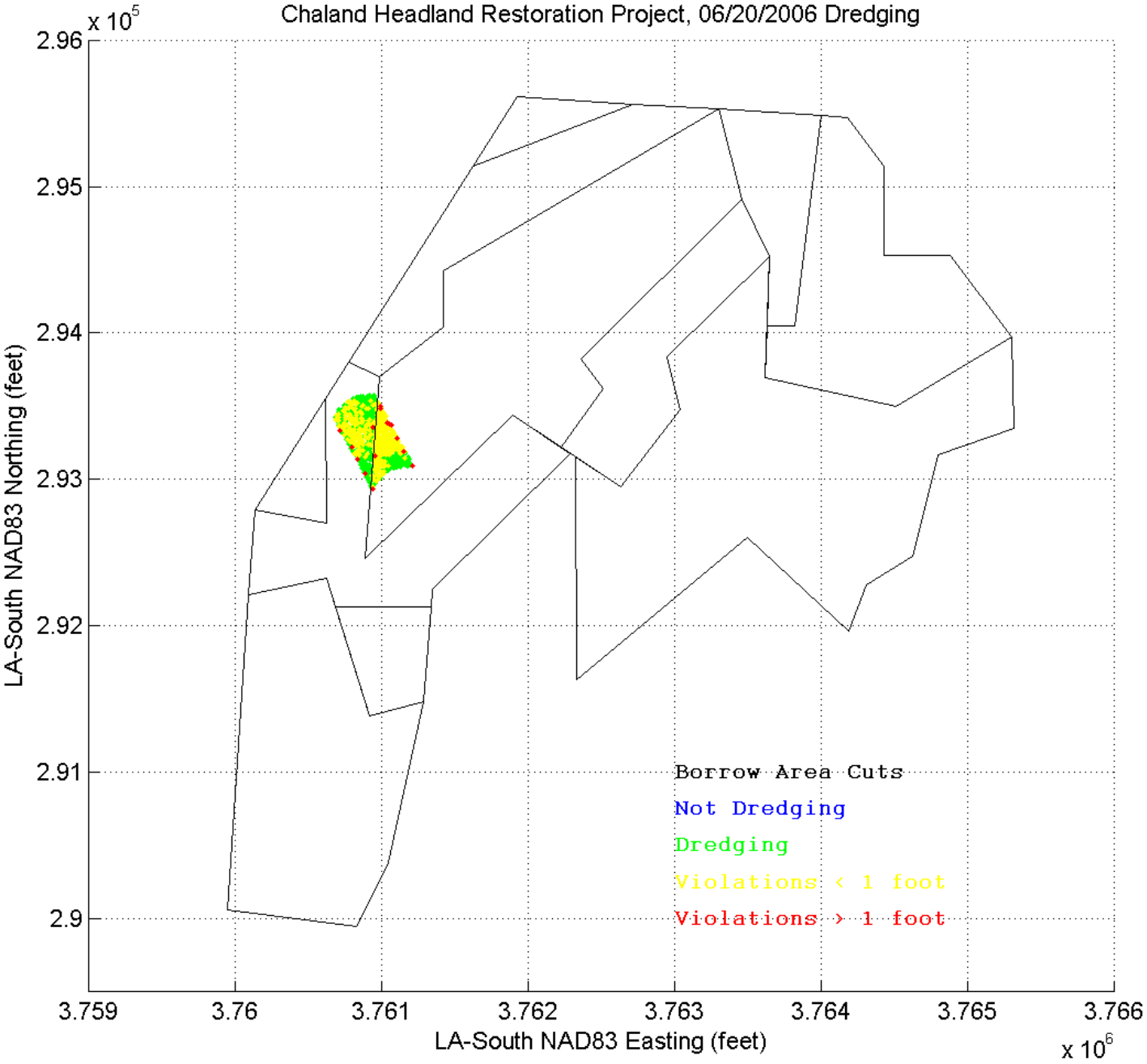
Discharge sample from Sta. 29+70 after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample from Sta. 29+70 after settling for 8 hours. The blue lines are used to show sand, silt, and water interfaces.

Unit 542 dredging material from spoil mound at Sta. 58+23.

Beach fill and Gulf of Mexico wave conditions on seaward side o Sta. 12+25.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3.765
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LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 22, 2006 | OBSERVATION REPORT NO: 89
OBSERVER: Jonathan Rager | CONTRACT DAY: 219
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 12:00
16:40 | 18:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: Calm
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Sta. 28+40
NORTH CONTAINMENT DIKE LOCATION: Sta. 18+00
SOUTH CONTAINMENT DIKE LOCATION: Sta. 15+00
OTHER CONTAINMENT DIKE LOCATION: Sta. 28+60
BEACH FILL AREA EXTENT LOCATION: Sta. 15+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	No	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	Observation #7
19.	Has a representative sand sample been collected?	Yes	Observation #3
	Location: Sta. 18+20		
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 22, 2006 OBSERVATION REPORT NO: 89

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 is down for repair, and thus neither Unit 542 nor Unit 418 performed any work today or during the night.

2. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 28+40 pointed west. At 17:40 the southern containment dike was at Sta. 15+00 and the north containment dike extended to Sta. 18+00. The beach fill extends to approximately Sta. 15+00.

3. Sand sample CH011 was taken at Sta. 18+20 (N29.3135° W89.7792°) at 17:40. The Munsell color of the representative sand sample taken at this location was 5Y-5/1 (Gray).

4. A sample discharge from the outfall was taken at 17:15 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. There appears to be less silt than the sample collected on 6/15.

5. The dredge record showed no pattern of overdredging. There were a few occasions that the cutterhead was below the borrow area dredge cut depth, but it was less than 0.2' and intermittent.

6. There is an area of fill from Sta. 32+00 to Sta. 43+22 that has a layer of silt/mud that is approximately 1/4" thick. Under this layer is sand.

7. I observed a pile of debris wood on fire near Sta. 13+00 at 17:30. WMI's burn permit allows them to burn debris.

8. I received sheet 29 of the drawings and will make sure Gary Johnson (WMI) has received it tomorrow (6/23).

9. Gary Johnson (WMI) departed the site for the evening at 16:30. He will return tomorrow (6/23) at noon. Frank Gill (WMI - Tom James Captain) is in charge in the interim.

10. The beach fill in the gap between Sta. 58+23 and Sta. 63+08 has dewatered sufficiently for me to drive the ATV across it.

11. What appear to be two wooden groins were observed during low tide on the seaward side of the west island. One was located near Sta. 18+00 and the other near Sta. 37+00. I will confirm the locations of these groins tomorrow (6/23) at low tide.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 22, 2006 OBSERVATION REPORT NO: 89

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I discussed downtime hours, Tom James hours, format inconsistencies, and using the spell check on the DQCR w/ Nate (WMI surveyor currently in charge of the DQCR). Nate also stated that he had given me the incorrect DQCR files for the past four days; they were unrevised versions of the report.

2. Gary Johnson (WMI) stated that his email inbox did not contain the non compliance #2 notice. I spoke with Gordon Thomson (CPE) and he stated that he would resend the document to Gary.

3. In regards to the non-compliance #1 notice, Gary Johnson (WMI) stated that the Tom James had inputted the proper dredging depth into the quadrant in which the overdredging occurred. The problem has since been corrected, and Gary faxed in the paperwork regarding non-compliance notice #1 to Jason Manthey (NOAA).

4. Gary Johnson (WMI) stated that Larry DiVico (WMI) will be leaving Weeks Marine Inc. soon.

5. Gary Johnson (WMI) stated that many of the dredge depth violations occur due to the dredge resetting its anchors and pulling against the cutterhead.

6. Gary Johnson (WMI) showed me surveys conducted of the borrow area after the Tom James had dredged in the area. The graph showed the current water depth and the dredging limits.

7. Gary Johnson (WMI) stated that he had not received sheet 29 of the drawings. See observations #8.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

Initial mushroom water discharge at Sta. 28+40 looking southeast.

Gulf of Mexico wave conditions at Sta. 37+00.

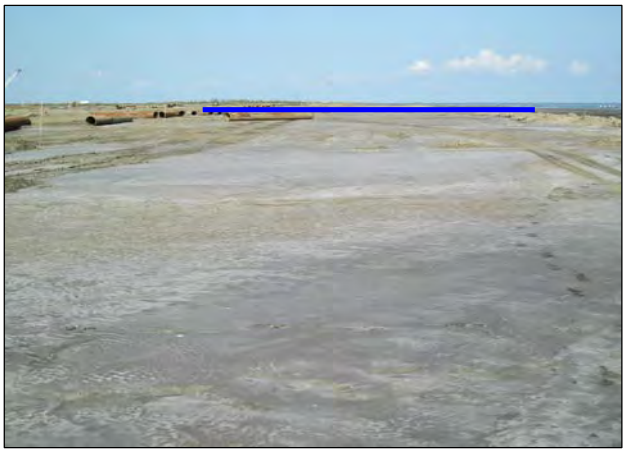
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: June 22, 2006 OBSERVATION REPORT NO: 89

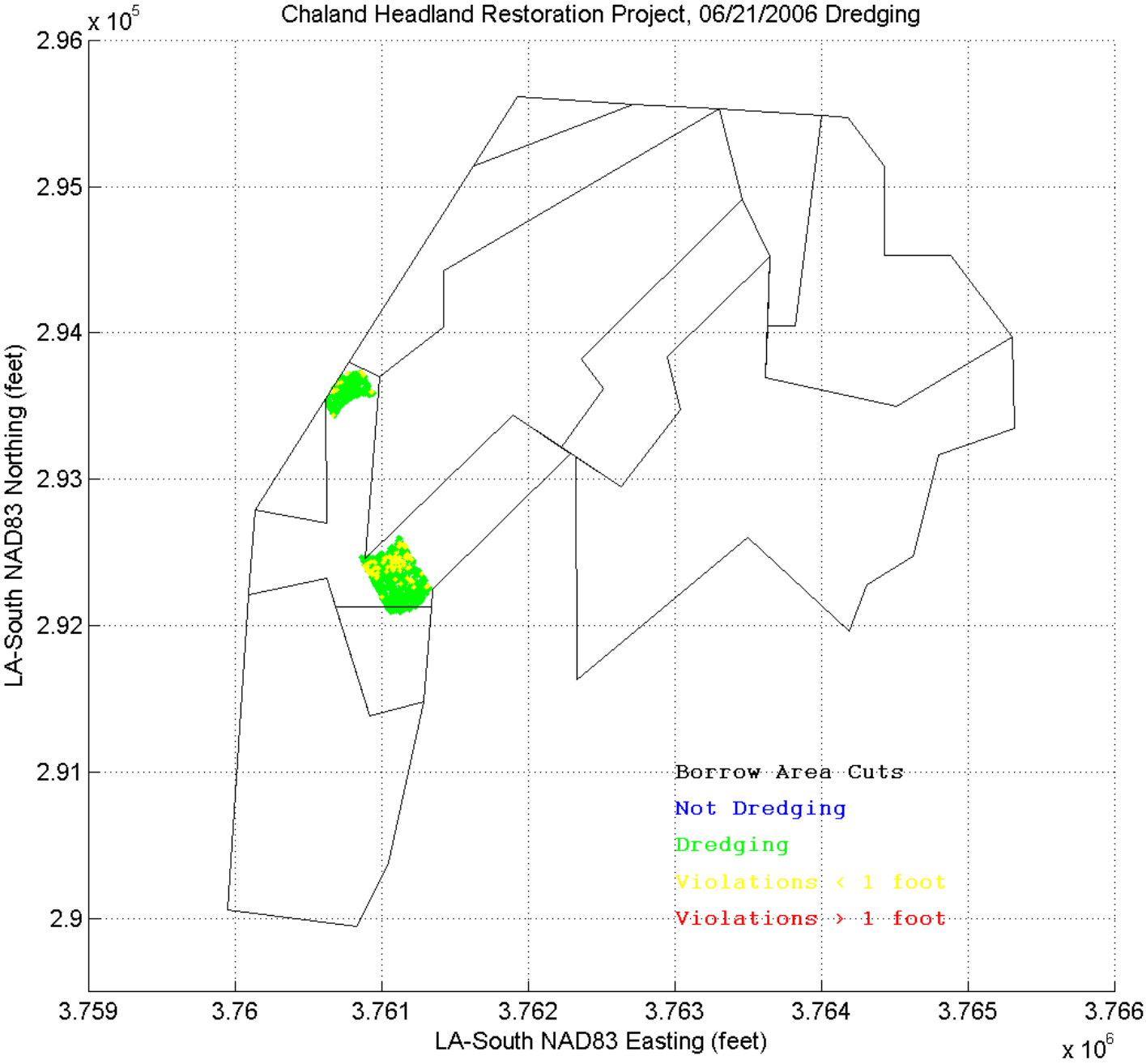
Discharge sample from Sta. 28+40 after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.

Discharge sample from Sta. 28+40 after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.

Depth of silt/mud in area from Sta. 32+00 to Sta. 43+22.



Silt/mud area extending from Sta. 32+00 to Sta. 43+22 looking east. The blue line represents the end of the area.


Chaland Headland Restoration Project, 06/21/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 23, 2006 | OBSERVATION REPORT NO: 90
OBSERVER: Jonathan Rager | CONTRACT DAY: 220
ARRIVAL TIME: 8:00 | DEPARTURE TIME: 11:30
16:15 | 18:00

WEATHER CONDITIONS: Sunny
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: ESE 5-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Sta. 24+70
NORTH CONTAINMENT DIKE LOCATION: Sta. 13+60
SOUTH CONTAINMENT DIKE LOCATION: Sta. 11+70
OTHER CONTAINMENT DIKE LOCATION: Sta. 24+80
BEACH FILL AREA EXTENT LOCATION: Sta. 8+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Discussion #4
	DQCR Comments: Incorrect downtimes dating to 6/2 Format of XYZ dredge data		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	Observation #1
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	?	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #3
	Location: Sta. 14+20		
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 23, 2006 OBSERVATION REPORT NO: 90

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 was down for repair until 15:00. Neither Unit 542 nor Unit 418 performed any work during the night.

2. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 24+70 pointed west. At 17:30 the southern containment dike was at Sta. 11+70 and the north containment dike extended to Sta. 13+60. The beach fill goes to approximately Sta. 8+00.

3. Sand sample CH012 was taken at Sta. 14+20 (N29.3138° W89.7804°) at 09:30. The Munsell color of the representative sand sample taken at this location was 5Y-5/1 (Gray).

4. A sample discharge from the outfall was taken at 16:40 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. There appears to be more silt than the sample collected on 6/15.

5. The Tom James' XYZ dredging data provided for 6/22 is incorrect and needs to be resubmitted.

6. I observed a pile of debris wood on fire near Sta. 14+00.

7 The exact location of the wooden groins visible on the beach at low tide is Sta. 28+30 and Sta. 34+65. Each groin is approximately 100' long.

8. An oil barrel washed ashore on the eastern island near Sta. 140+50 three days ago. There is liquid in the barrel. It is marked as property of "Fuel and Marine Marketing," a division of Chevron. The contents are marked as "Veritas 800 Marine 40" a crankcase lubricant. The MSDS information provided by Chevron states that there are no immediate health risks associated with this product, but also warns, "Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water."

9. I performed a bird patrol today between Sta. 77+60 and Sta. 101+80. I observed dive bombing but no nesting activity. I could not identify the birds, but they were not any of the three watch species for this area.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 23, 2006 OBSERVATION REPORT NO: 90

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI surveyors stated that they checked the stake placements in the fill area today between Sta. 7+00 and Sta. 24+36.

2. I spoke with Barry Richard (DNR) and Gordon Thomson (CPE) regarding the oil barrel washed ashore. Gordon stated that I should provide the contact information of David Louviere (Chevron Representative to Chaland Headlands Restoration Project) to Gary Johnson (WMI) about the removal of the barrel.

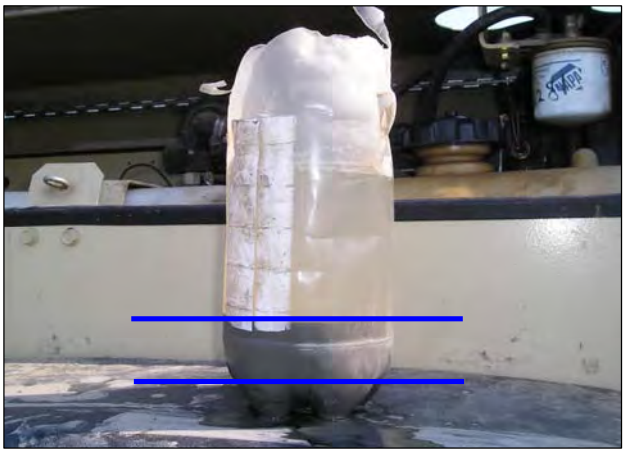
3. I worked with Nate (WMI surveyor currently in charge of DQCRs) today on reformatting and correcting the old and current DQCRs. Issues surrounding the downtime hours for Unit 542 were found as far back as 6/2 and the Tom James since it arrived on site. Work with the DQCR spreadsheet format was done trying to affect a permanent change rather than covering today's blemishes.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

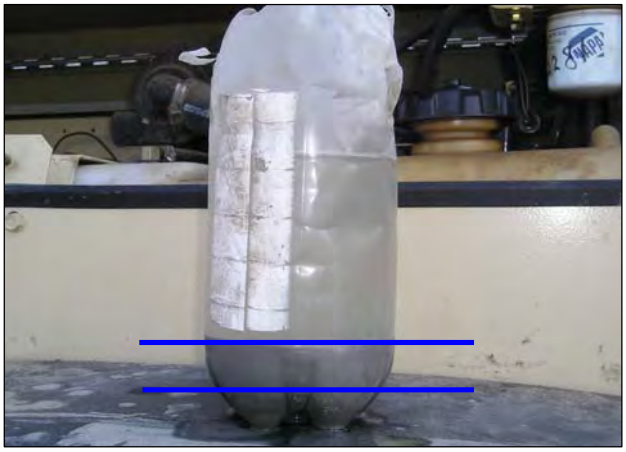
1. No

Initial mushroom water discharge at Sta. 24+70 looking east.

Surveyors checking dune staking near Sta. 14+00.



Discharge sample from Sta. 24+70 after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample from Sta. 24+70 after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: June 23, 2006 OBSERVATION REPORT NO: 90

Oil barrel washed ashore near Sta. 140+50.

Label on oil barrel washed ashore near Sta. 140+50.

Material exiting containment dike area near Sta. 10+00 looking northeast.

Gulf of Mexico wave conditions at Sta. 29+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 24, 2006 | OBSERVATION REPORT NO: 91
OBSERVER: Jonathan Rager | CONTRACT DAY: 221
ARRIVAL TIME: 8:45 | DEPARTURE TIME: 10:30
16:30 | 18:00

WEATHER CONDITIONS: Thunderstorms, Sunny
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: NE 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Site Preparation, Primary Dike Construction
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Sta. 6+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	Observation #1
	Location: between Sta. 53+40 and Sta. 58+23		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #2
	Type: Overburden removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	Yes
18.	Has debris been removed prior to placement of fill?	Yes
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 24, 2006 OBSERVATION REPORT NO: 91

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Canal closure signs	Yes	Observation #5
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 added material to the primary dike at the closure between Sta. 53+40 and Sta. 58+23. This material came from the spoil area on the seaward side of Sta. 58+23 and stockpiled material located on the bank.

2. No material was discharged by the Tom James to the beach today. Material was sidecast to uncover sand in the borrow area.

3. I received a correct and complete record of the Tom James' XYZ dredging data for 6/22.

4. A wooden debris burn pile was being constructed from the area between Sta. 48+56 and Sta. 58+23.

5. 3 canal closure signs at Sta. 75+00, Sta. 91+00, and Sta. 123+00 were permanently installed onto previously placed piles.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) regarding the oil barrel washed ashore near Sta. 140+50 and provided him with the Chevron contact numbers. He stated that they will wait until the project reaches that part of the footprint to remove the barrel.

2. Gary Johnson (WMI) stated that every part of the beach that has been filled is not to grade and will be repumped. During the second pumping the silt ponds on the top of the fill will be washed away.

3. Gary Johnson (WMI) stated that the Tom James plans on stripping the borrow area of mud for the next 5 days to uncover more sand.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes Removal of material from the spoil bank at Sta. 58+23. Gary Johnson (WMI) stated that he submitted an RFI about cutting channels for the marsh fill to flow through.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 24, 2006 OBSERVATION REPORT NO: 91

No discharge from dredging operations today.

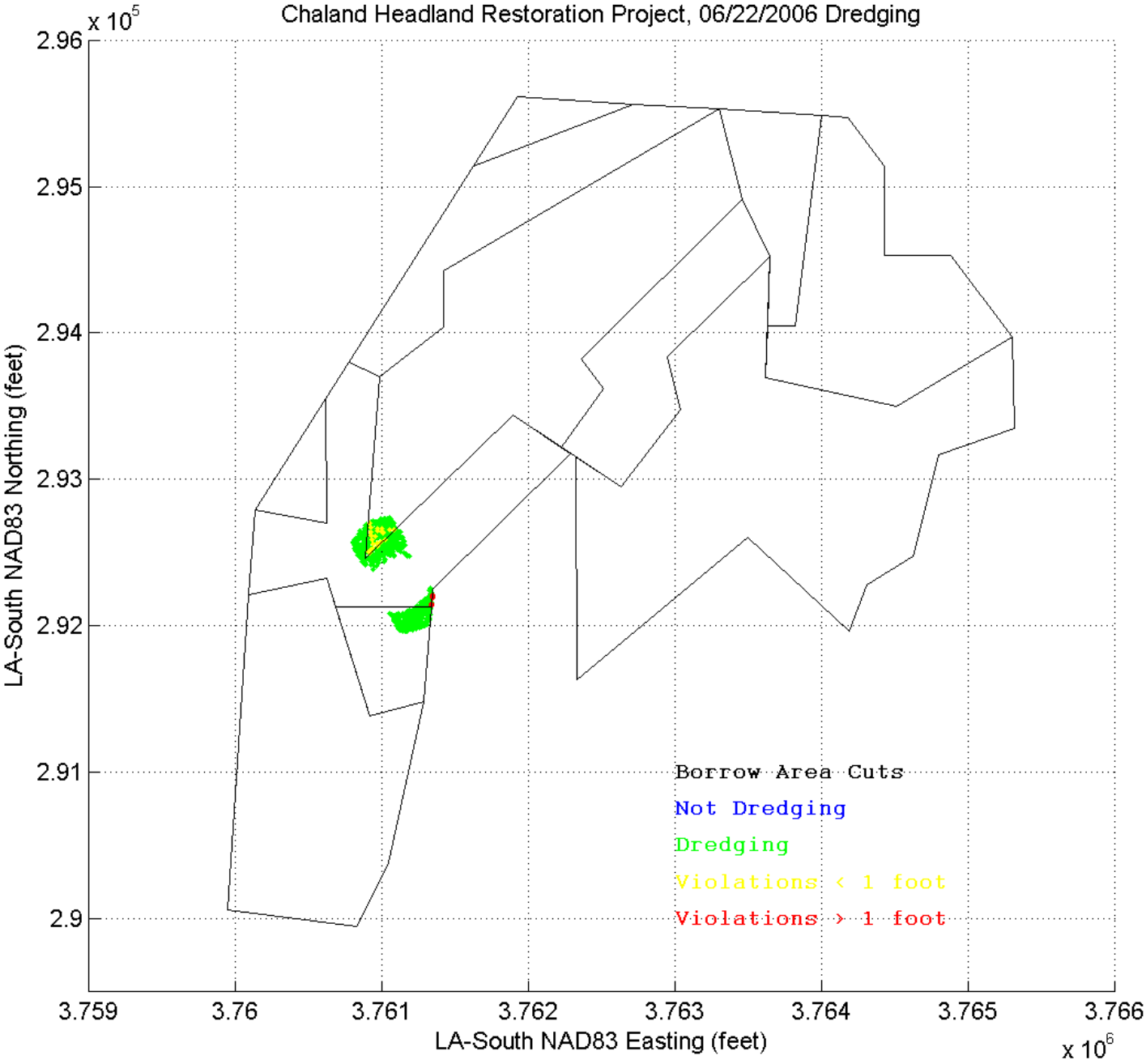
Bulldozer building a burn pile near Sta. 50+00.

Unit 542 preparing to remove stockpiled material from primary dike at Sta. 96+00.

Closure between Sta. 53+40 and Sta. 58+23 (looking southeast) and the spoil bank removed from behind the primary dike.

Canal closure sign at Sta. 75+00 being installed.

Installed canal closure sign at Sta. 91+00.


Chaland Headland Restoration Project, 06/22/2006 Dredging
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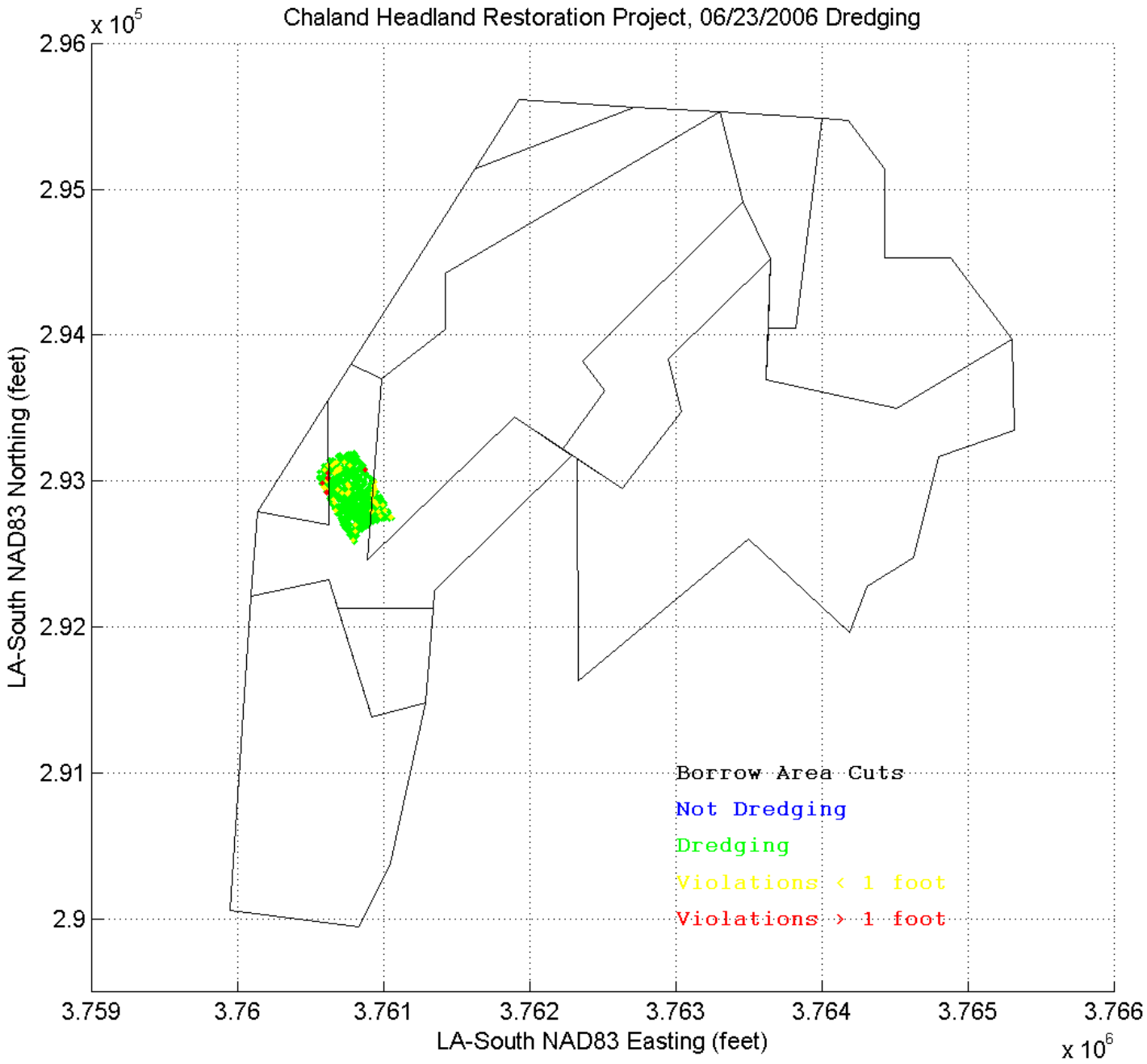
Chaland Headland Restoration Project, 06/23/2006 Dredging
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LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 25, 2006 | OBSERVATION REPORT NO: 92
OBSERVER: Jonathan Rager | CONTRACT DAY: 222
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 11:30
16:00 | 17:00

WEATHER CONDITIONS: Thunderstorms, Sunny
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: NNW 10-15 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Site Preparation, Primary Dike Construction
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Sta. 6+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #5
	DQCR Comments: downtime totals are incorrect		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	Observation #4
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	Observation #2
	Location: Sta. 53+40 to Sta. 58+23		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #3
	Type: Overburden removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	Yes
18.	Has debris been removed prior to placement of fill?	Yes
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 25, 2006 OBSERVATION REPORT NO: 92

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Sta. 116+32 to Sta. 121+16	Yes	Observation #1
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 loaded material onto 3 barges from stockpiles on the primary dike at Sta. 96+00 and between Sta. 116+32 and Sta. 121+16. Unit 542 also swept the OIAC between Sta. 116+32 and Sta. 121+16 working to dredge the water depth to grade.

2. Unit 418 unloaded 3 barges onto the primary dike at the closure between Sta. 53+40 and Sta. 58+23. The dike is now approximately +2.0' MLW (+2.5' NAVD).

3. No material was discharged by the Tom James to the beach today. Material was sidecast to uncover sand in the borrow area.

4. The shore crew worked to clear the beach area between Sta. 63+08 and Sta. 106+64 of debris and building burn piles of driftwood.

5. I continue to find errors in the DQCR's totalling of the downtime. Sometimes the time is recorded as a fraction and others as a h:min value. These two methods cannot be simply added together and result in incorrect totals.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the Tom James plans on stripping the borrow area of mud for the next 4 days to uncover more sand.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

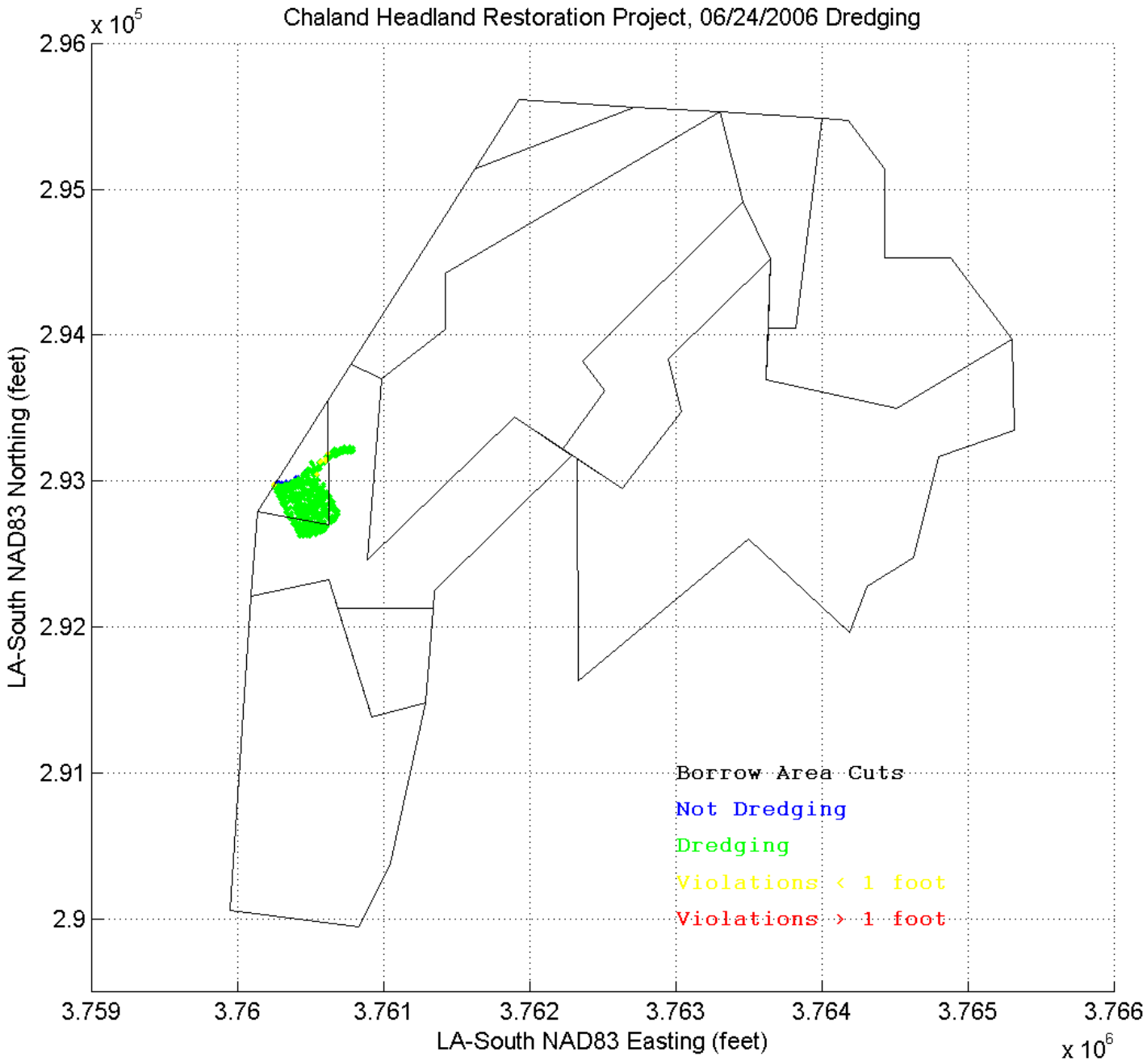
DATE: June 25, 2006 OBSERVATION REPORT NO: 92

Unit 542 loading stockpiled material from primary dike at Sta. 96+00.

Unit 418 unloading material onto primary dike between Sta. 53+40 and Sta. 58+23.

Loaded barge being towed to Unit 418.

Unit 542 sweeping OIAC near Sta. 116+32.


Chaland Headland Restoration Project, 06/24/2006 Dredging
x 10^5
2.96
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LA-South NAD83 Northing (feet)
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LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 26, 2006 | OBSERVATION REPORT NO: 93
OBSERVER: Jonathan Rager | CONTRACT DAY: 223
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 11:30
15:00 | 16:15

WEATHER CONDITIONS: Sunny
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: W 5-10 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Site Preparation, Primary Dike Construction, Overburden Removal
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Sta. 6+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #5
	DQCR Comments: 542 work time does not add to 24 hours		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	Observation #4
9.	Was any staking and layout performed today?	Yes	Discussion #2
	Location: Seaward crown and slope Sta. 7+84 to Sta. 18+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	Observation #2
	Location: Sta. 53+40 to Sta. 58+23		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #3
	Type: Overburden removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	Yes
18.	Has debris been removed prior to placement of fill?	Yes
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 26, 2006 OBSERVATION REPORT NO: 93

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Sta. 116+32 to Sta. 121+16	Yes	Observation #1
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 loaded material onto 3 barges from stockpiles on the primary dike at Sta. 96+00 and between Sta. 116+32 and Sta. 121+16. Unit 542 also dredged the OIAC between Sta. 116+32 and Sta. 121+16 to achieve the design grade of the channel (-7.0' NAVD, -7.5' MLW).

2. Unit 418 unloaded 3 barges onto the primary dike at the closure between Sta. 53+40 and Sta. 58+23. The dike is now approximately +4.0' MLW (+4.5' NAVD).

3. No material was discharged by the Tom James to the beach today. Material was sidecast to uncover sand in the borrow area.

4. The shore crew worked to clear the beach area between Sta. 63+08 and Sta. 106+64 of debris and building burn piles of driftwood.

5. 4 marsh fill drainage pipes were installed under the access road yesterday (6/26) by digging a trench placing the pipe and then replacing the fill.

6. WMI's response to non-compliance notice #3 was received by Jonathan Rager (CPE) and forwarded to Gordon Thomson (CPE).

7. The total hours recorded for Unit 542 in the DQCR add up to 32.66 hours.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the Tom James plans on stripping the borrow area of mud to uncover more sand until Wednesday morning.

2. Anthony (WMI Surveyor) stated that they staked the seaward crown and seaward slopes at the 4' and 2' elevations from Sta. 7+84 to Sta. 18+00. They also checked the beach stakes between Sta. 14+00 and 19+52.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 26, 2006 OBSERVATION REPORT NO: 93

Drainage pipes installed under the access road at Sta. 77+50.

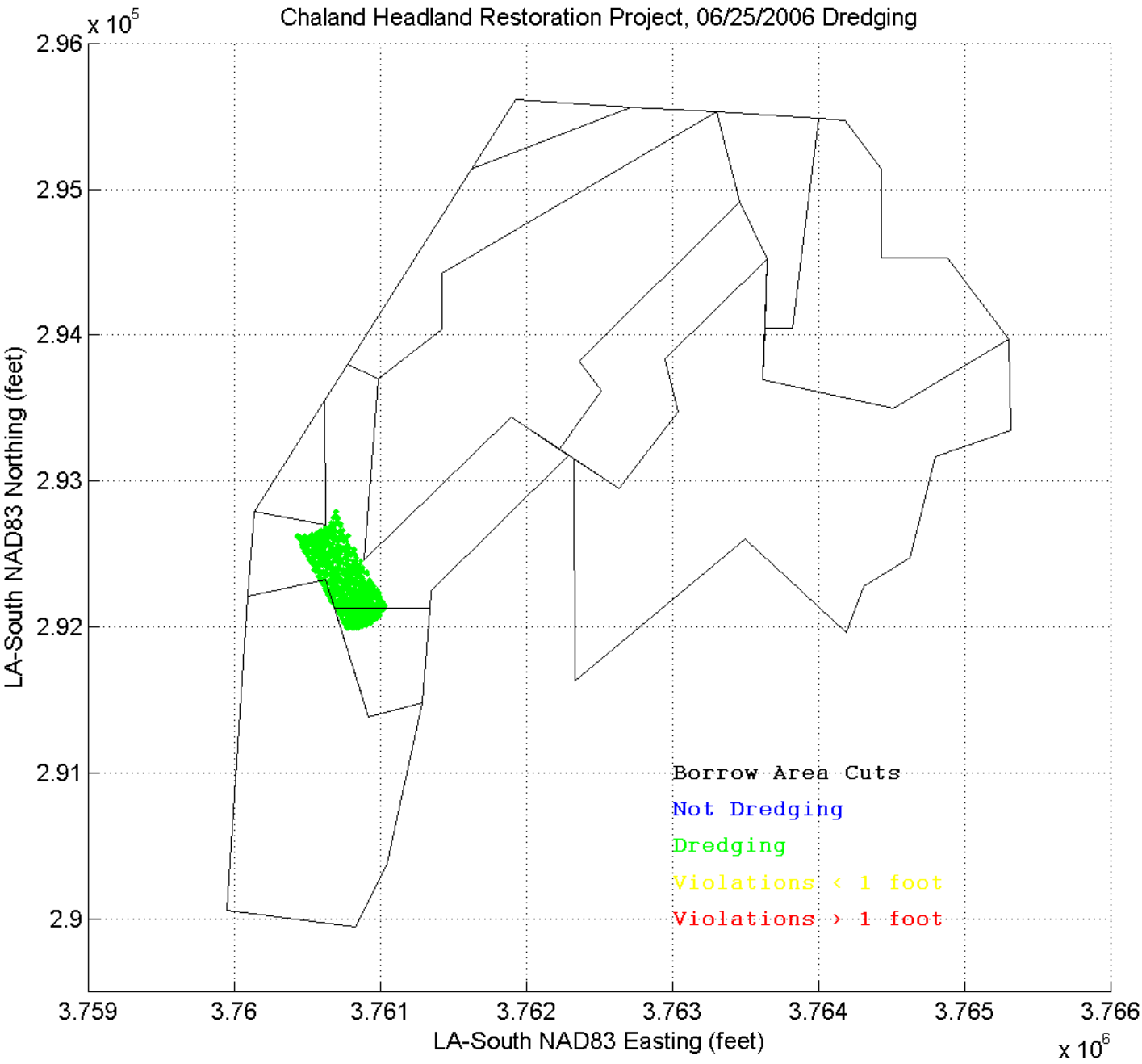
Surveyors placing seaward beach slope stakes near Sta. 10+00.

Unit 418 unloading barge on to primary dike at closure between Sta. 53+40 and Sta. 58+23.

Unit 542 loading stockpiled material onto barge at Sta. 96+00.

Wood debris pile gathered on beach near Sta. 84+00.

Gulf of Mexico wave conditions at Sta. 84+00.


Chaland Headland Restoration Project, 06/25/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 27, 2006 | OBSERVATION REPORT NO: 94
OBSERVER: Jonathan Rager | CONTRACT DAY: 224

ARRIVAL TIME:	9:15	DEPARTURE TIME:	11:00
	12:30		13:30
	15:45		16:30
	18:30		19:30

WEATHER CONDITIONS: Sunny
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: N 5-15 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Site Preparation, Overburden Removal
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Sta. 6+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Discussion #3
	DQCR Comments: Nathan Johnson (WMI) made revisions dating back to 6/1		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	Observation #5
9.	Was any staking and layout performed today?	Yes	Discussion #2
	Location: landward slope Sta. 21+70 to Sta. 48+56		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #4
	Type: Overburden removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	Yes
18.	Has debris been removed prior to placement of fill?	Yes
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 27, 2006 OBSERVATION REPORT NO: 94

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Sta. 116+32 to Sta. 121+16	Yes	Observation #1
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged the OIAC between Sta. 116+32 and Sta. 121+16 to achieve the design grade of the channel (-7.0' NAVD, -7.5' MLW). The dredged material was placed on the seaward side of the primary dike in the water discharge area.

2. Bulldozers worked to build the landward slope from the dune to the marsh area between Sta. 39+20 and Sta. 49+70.

3. Bulldozers pushed the north containment dike 30' north between Sta. 14+00 to Sta. 23+70.

4. No material was discharged by the Tom James to the beach today. Material was sidecast to uncover sand in the borrow area.

5. The shore crew worked to clear the beach area between Sta. 63+08 and Sta. 106+64 of debris and burning piles of driftwood.

6. A health professional came on board today at lunch time to administer random urine test.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the Tom James plans to begin pumping material to the beach tomorrow (6/28) morning.

2. Anthony (WMI Surveyor) stated that they staked the landward slopes at the 4', 3', and 2' elevations from Sta. 21+70 to Sta. 48+56. They also marked the stakes where the marsh and the beach meet with pink and blue tape.

3. Nathan Johnson (WMI Surveyor) printed out all of the DQCRs dating back to 6/1 and made revisions to them with Gary Johnson (WMI)

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 27, 2006 OBSERVATION REPORT NO: 94

No discharge from dredging operations today.

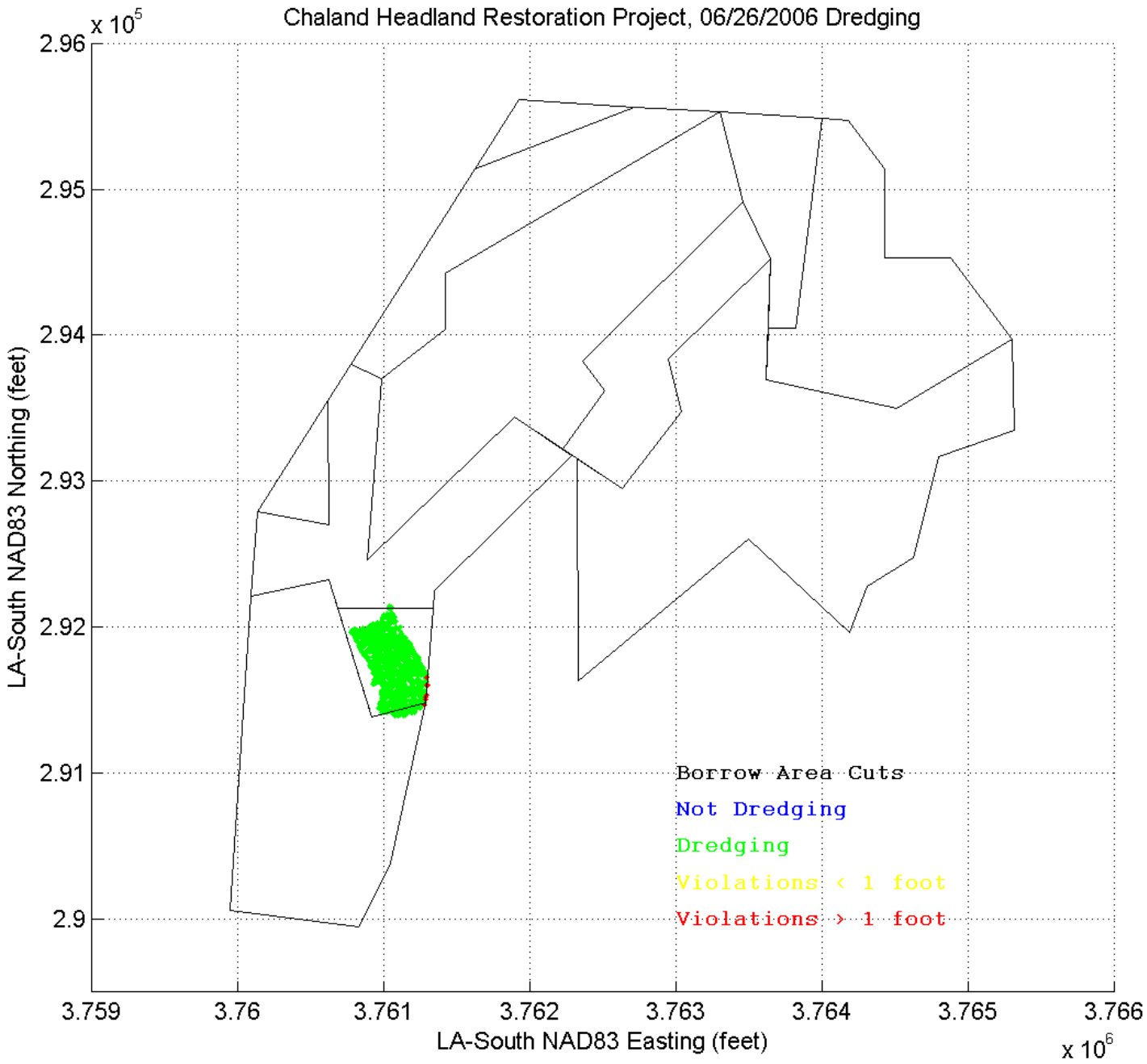
Surveyors placing landward beach slope stakes near Sta. 29+20.

Dozers leveling north containment dike near Sta. 14+00.

Dozers building landward slope of dune near Sta. 43+72.

Unit 542 sweeping OIAC near Sta. 120+00.

Gulf of Mexico wave conditions at Sta. 84+00.


Chaland Headland Restoration Project, 06/26/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 28, 2006 | OBSERVATION REPORT NO: 95
OBSERVER: Jonathan Rager | CONTRACT DAY: 225
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 12:00
16:30 | 18:30

WEATHER CONDITIONS: Sunny
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: N 5-10 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Beach Fill, Primary Dike Final Construction
OUTFALL LOCATION: Sta. 23+50, Sta. 22+00, Sta. 16+50
NORTH CONTAINMENT DIKE LOCATION: Sta. 12+50
SOUTH CONTAINMENT DIKE LOCATION: Sta. 11+00
OTHER CONTAINMENT DIKE LOCATION: Sta. 23+70, Sta. 22+20, Sta. 16+70
BEACH FILL AREA EXTENT LOCATION: Sta. 6+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Discussion #7
	DQCR Comments: Entire month of June checked for accuracy, grammar, and presentation.		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Seaward crown and slope Sta. 7+84 to Sta. 18+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #2
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	Discussion #1
15.	Is overdredging within the borrow area occurring?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #3
	Location: Sta. 22+90		
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 28, 2006 OBSERVATION REPORT NO: 95

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location: Sta. 116+32 to Sta. 121+16	Yes	Observation #1
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Canal Closure Signs	Yes	Observation #6
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Unit 542 dredged the final part of the OIAC between Sta. 116+32 and Sta. 121+16 to achieve the design grade of the channel (-7.0' NAVD, -7.5' MLW).

2. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Sta. 23+50, Sta. 22+00, and Sta. 16+50 pointed east. At 16:00 the southern containment dike was at Sta. 11+00 and the north containment dike extended to Sta. 12+50. The beach fill extends to approximately Sta. 6+00.

3. Sand sample CH013 was taken at Sta. 22+90 (N29.3134° W89.7775°) at 11:10. The Munsell color of the representative sand sample taken at this location was 2.5Y-6/1 (Gray).

4. A sample discharge from the outfall at Sta. 23+50 was taken at 10:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. The discharge sample appeared to be entirely silt. A second sample discharge from the outfall at Sta. 22+00 was taken at 11:45 and also appeared to be entirely silt.

5. The containments dikes placed behind the outfall were not built as high or as thick as usual. There is backflow of dredged material flowing the opposite direction of the intended outfall path and pooling in areas that are supposed to be protected by containment dikes.

6. The pile and the canal closed sign for the closure at Sta. 55+00 was permanently installed today.

7. Communications (telephone and internet) went down today at 14:00 and did not come back on line for the rest of the day.

8. The 4 passenger mule for beach access broke down. The only remaining beach transportation aside from heavy equipment is the ATV.

9. The Tom James dredged outside the horizontal limits of the borrow area throughout the day; the cutterhead extended approximately 12 feet past the horizontal limits of the borrow area.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The crew of the Steve L (WMI Surveyors) stated that the borrow area buoys' locations were checked yesterday (6/27).

2. Ted Vestal (WMI) stated that the entirety of the primary dike system is to grade (+4.0' MLW, +4.5' NAVD) and that the last of the OIAC was dredged to meet the required depth of -7.0' NAVD (-7.5' MLW).

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 28, 2006 OBSERVATION REPORT NO: 95

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

3. Ted Vestal (WMI) stated that the primary dike at the closure between Sta. 53+40 and Sta. 58+23 was surveyed and had cross sections taken today. The information was forwarded to the WMI surveyors for work on the as-built drawings.

4. Ted Vestal (WMI) stated that the OIAC has already been cross-sectioned from Sta. 92+12 to Sta. 111+48, and that he is going to do a SONAR check of the remaining area between Sta. 111+48 and Sta. 121+16 first thing in the morning tomorrow (6/29).

5. Ted Vestal (WMI) stated that the canal closure sign at Sta. 7+00 was permanently affixed to its pile yesterday (6/27). All 5 canal closed signs are now permanently installed.

6. Gary Johnson (WMI) stated that the oil barrel found near Sta. 140+50 is now empty, and that he intends to use it for WMI's own slop oils.

7. Nathan Johnson (WMI Surveyor) stated that he and Gary Johnson (WMI) had edited the DQCRs dating back to 6/1 for accuracy, grammar, and presentation.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

Mushroom discharge at Sta. 23+50 looking west.

Shore men adding pipe to shoreline near Sta. 22+50.

Discharge sample from Sta. 23+50 after settling for 15 minutes. There is no visible sand.

Discharge sample from Sta. 23+50 after settling for 1 hour. There is no visible sand.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

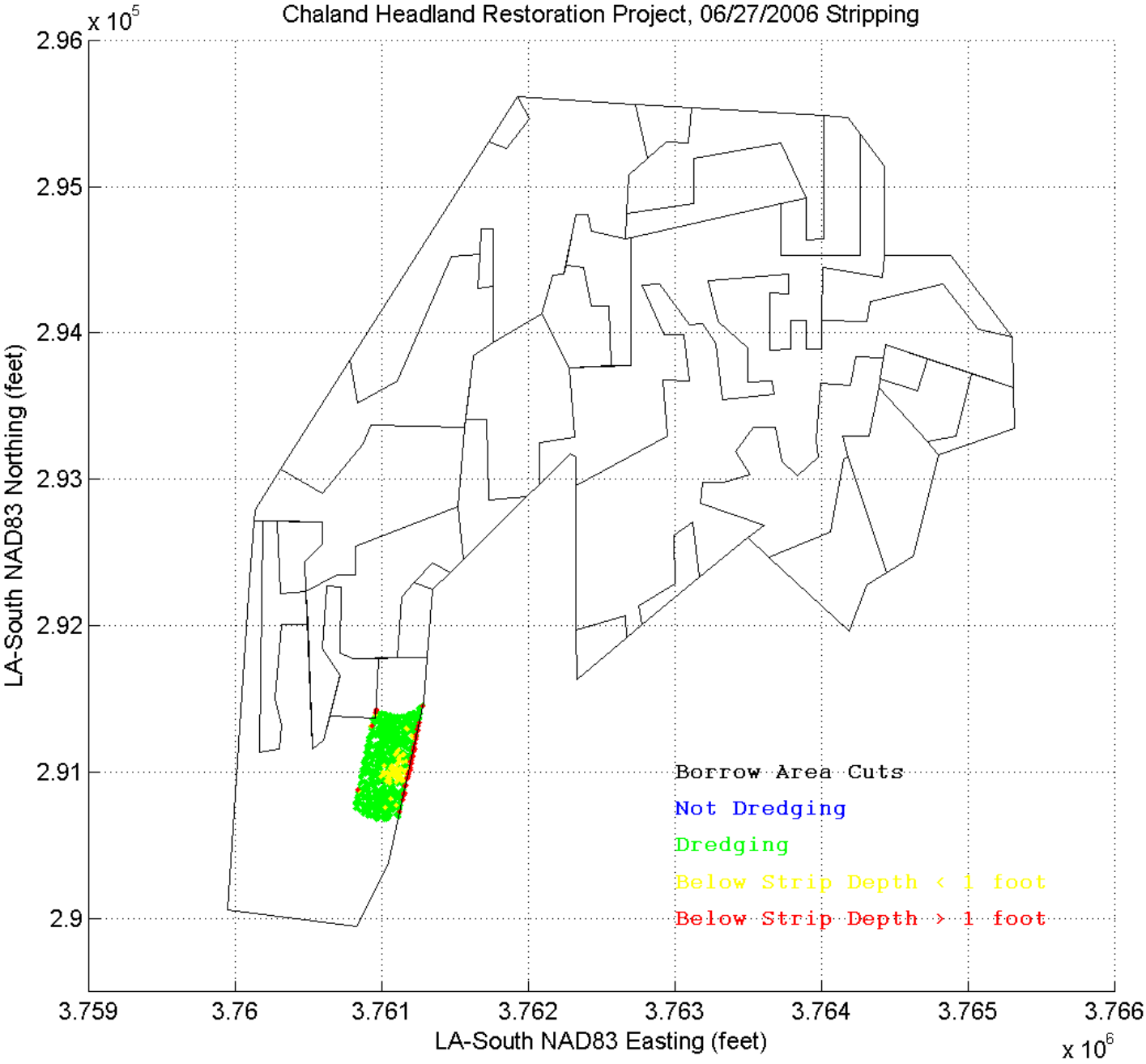
DATE: June 28, 2006 OBSERVATION REPORT NO: 95

2nd discharge sample from Sta. 22+00 after settling for 15 minutes. There is no visible sand.

Installed canal closure sign at Sta. 55+00.

Dredged material ponding behind containment dike. Picture taken near Sta. 17+00 looking east.

Gulf of Mexico wave conditions at Sta. 11+00.


Chaland Headland Restoration Project, 06/27/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 29, 2006 | OBSERVATION REPORT NO: 96
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 226

ARRIVAL TIME:	8:00	DEPARTURE TIME:	9:15
	12:45		2:30
	18:00		19:45

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	S 0-1'
WIND SPEED AND DIRECTION:	ENE 5-10 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill, Marsh Fill
OUTFALL LOCATION:	Station 11+25, Station 11+75, Station 8+50
NORTH CONTAINMENT DIKE LOCATION:	Station 12+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 11+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 5+00
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Tom James operating time inconsistency.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #2
	Type: Marsh Fill		Observation #3
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is overdredging within the borrow area occurring?	Yes	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	Yes	Observation #5
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 29, 2006 OBSERVATION REPORT NO: 96

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #3
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Jason Manthey (NOAA), Barry Richard (DNR), Gordon Thomson (CPE), and I visited the Tom James and the Quatre Bayou borrow area. Two sediment samples were taken with a ponar grab at location #1 and location #2. Overburden and sand were both removed from these locations by the Tom James prior to collecting the sediment samples. The sample at location #1 had some sand (25-50%). The sample at location #2 had almost no sand in it.

2. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 11+75 Range -3+00 and pointed west. The slurry flowed west along the south containment dike and entered the Gulf of Mexico at the extent of the beach fill near Station 5+00. The beach fill had an elevation of approximately 4 feet NAVD near the outfall and decreased to 2 feet NAVD at Station 5+00.

3. Overburden was discharged to the marsh using a diffuser. The outfall was located at Station 8+50 Range -6+00 and pointed north. The slurry entered the canal and appeared to disperse in all directions; no elevation gain around the outfall pipe was observed. The marsh buggy and two bulldozers were available to work the fill but were not required at this time.

4. A pile of dead vegetation and non-treated wood was burning near Station 52+00 Range -3+00. The burn appeared to be under control with little resultant light gray smoke.

5. A sample of the sand discharge from the outfall was taken at 8:45 in a 2-liter bottle to determine the relative silt content; a documentary photograph was taken at the 15 minute mark. The discharge sample suggested that the relative silt content was similar to that observed on 6/23.

6. The Tom James dredged outside the borrow area limits throughout the entire day. Dredging outside the borrow area limits occurred 33 times per the supplied dredge record.

7. The operating time of the Tom James stated in the WMI Daily Quality Control Report (DQCR) and the WMI Daily Dredge Report (DDR) were not consistent. The WMI DQCR stated that the Tom James operated 16.5 hours and the WMI DDR stated that the Tom James operated 16.83 hours.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 29, 2006 OBSERVATION REPORT NO: 96

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI), Charlie Granger (WMI), Frank Gill (WMI), Chad Bragg (WMI), Ronnie Rodes (WMI), Jason Manthey (NOAA), Barry Richard (DNR), Gordon Thomson (CPE), Jonathan Rager (CPE), and I participated in the bi-weekly meeting. Items discussed included: the status on proposed corrections to non-compliance #2 and non-compliance #3, the beach sand sample grain analysis that was presented on 6/21, the Government response to RFI #7, the 5/12 letter requesting extension of contract time, quality control issues of the WMI Daily Quality Control Reports, the status on WMI providing a cost proposal for the revised drawings dated 5/24, pay application #5, construction plans and contract document requirements per General Condition 31, the 6/5 sand fence deduct cost proposal, and the construction schedule dated 6/24.

2. I spoke with Gary Johnson (WMI) about the dredge activity. Gary stated that the dredge will stop pumping sand tonight and will begin filling the marsh with overburden material.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

Mushroom discharge on the beach at Station 11+75 looking west.

Discharge in the marsh at Station 8+50 looking north.

Canal closure sign at Station 7+00 looking east.

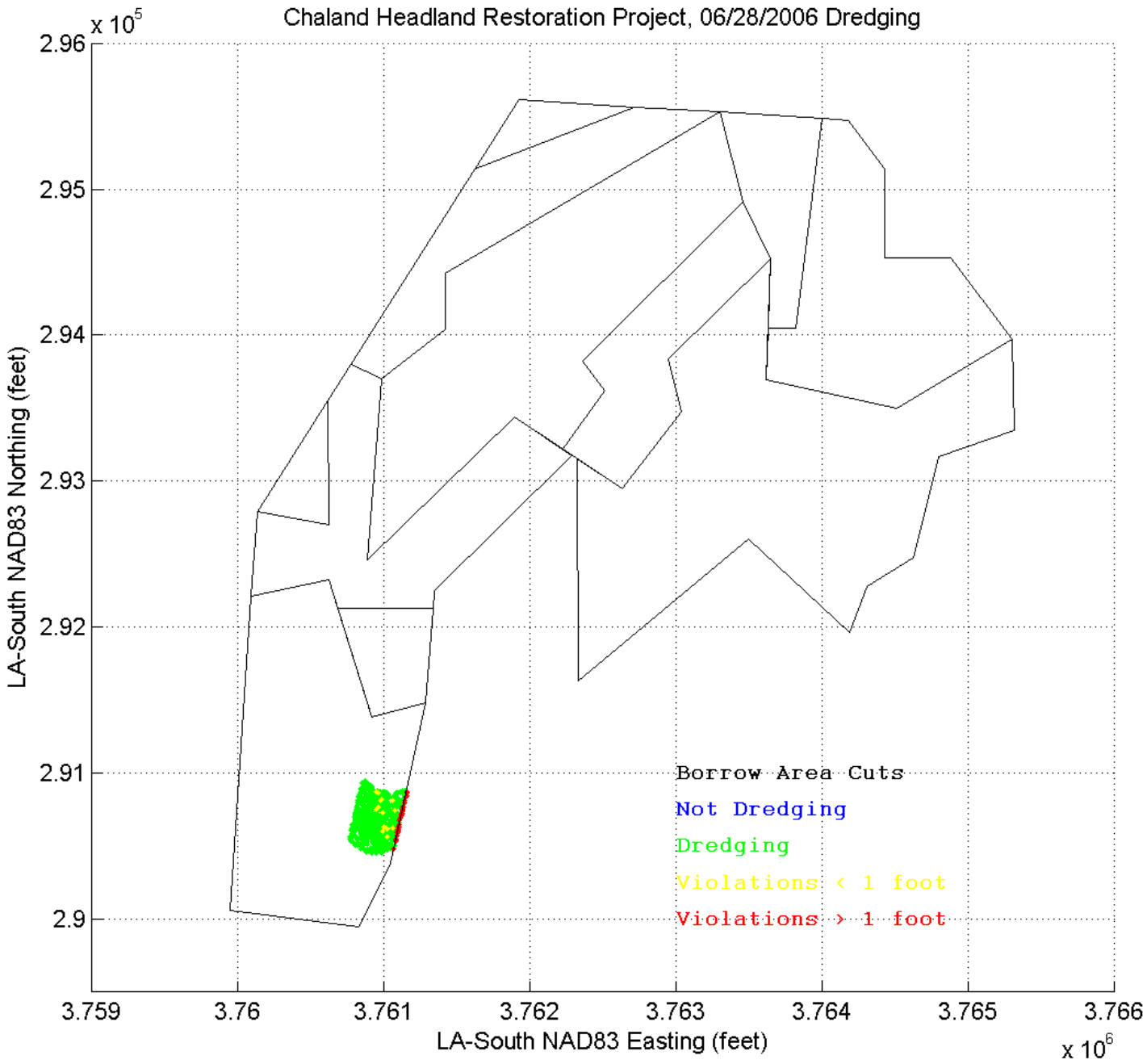
Wood debris burn pile at Station 52+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: June 29, 2006 OBSERVATION REPORT NO: 96

Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.

Gulf of Mexico wave conditions near Station 12+00 at 9:00.


Chaland Headland Restoration Project, 06/28/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: June 30, 2006 | OBSERVATION REPORT NO: 97
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 227
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 12:00
18:00 | 20:30

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S 0-1'
WIND SPEED AND DIRECTION: NE 5-10 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Marsh Fill
OUTFALL LOCATION: Station 8+50, Station 11+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: Station 10+00, Station 14+68

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Tom James operating time inconsistency and wave direction.		Observation #4
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #3

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: June 30, 2006 OBSERVATION REPORT NO: 97

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	Yes	Observation #2
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was discharged to the marsh using a diffuser at 10:30. The outfall was located at Station 8+50 Range -6+00 and pointed north. The slurry flowed east to the extent of marsh fill at Station 10+00 in a 15-foot wide channel centered at Range -8+00. The marsh fill stacked to the upper tolerance for marsh fill (2.8 feet NAVD) between Station 7+00 and Station 10+00 and between Range -5+50 and Range -10+00. A bulldozer was compacting the marsh fill to help prepare for dredge pipe advancement.

2. Overburden was mushroom discharged to the marsh using a partially submerged 90° dredge pipe elbow that was pointed upwards at 18:30. The outfall was located at Station 11+00 Range -8+50 and pointed east. The slurry flowed east to the extent of marsh fill at Station 14+68. The marsh fill stacked to the upper tolerance for marsh fill (2.8 feet NAVD) between Station 7+00 and Station 14+68 and between Range -7+00 and Range -9+50. A marsh buggy was building a west containment dike at Station 10+50 between Range -8+50 and Range -7+50. A bulldozer was staged near Station 10+00 and was connected to the outfall to provide the dredge pipe additional stability. Two additional bulldozers were ready to work but were not needed.

3. The Tom James dredged outside the horizontal limits of the borrow area throughout the day; the cutter head extended approximately 10 feet past the horizontal limits of the borrow area.

4. The operating time of the Tom James stated in the WMI Daily Quality Control Report (DQCR) and the WMI Daily Dredge Report (DDR) were not consistent. The WMI DQCR stated that the Tom James operated 15.50 hours and the WMI DDR stated that the Tom James operated 15.83 hours.

5. Two piles of dead vegetation and non-treated wood were burning near Station 66+00 Range -0+10 and near Station 52+00 Range -3+00. Both burns appeared to be under control with little resultant light gray smoke.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gordon Thomson (CPE) about the beach survey data. Gordon asked me to obtain beach survey data from WMI and to plot the data to determine if the beach fill slope north of the dune crest and the northern toe of beach fill have been achieved per project specifications. I was did not have an opportunity to ask Gary Johnson (WMI) for the survey data on this day.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: June 30, 2006 OBSERVATION REPORT NO: 97

Discharge in the marsh at Station 8+50 looking north.

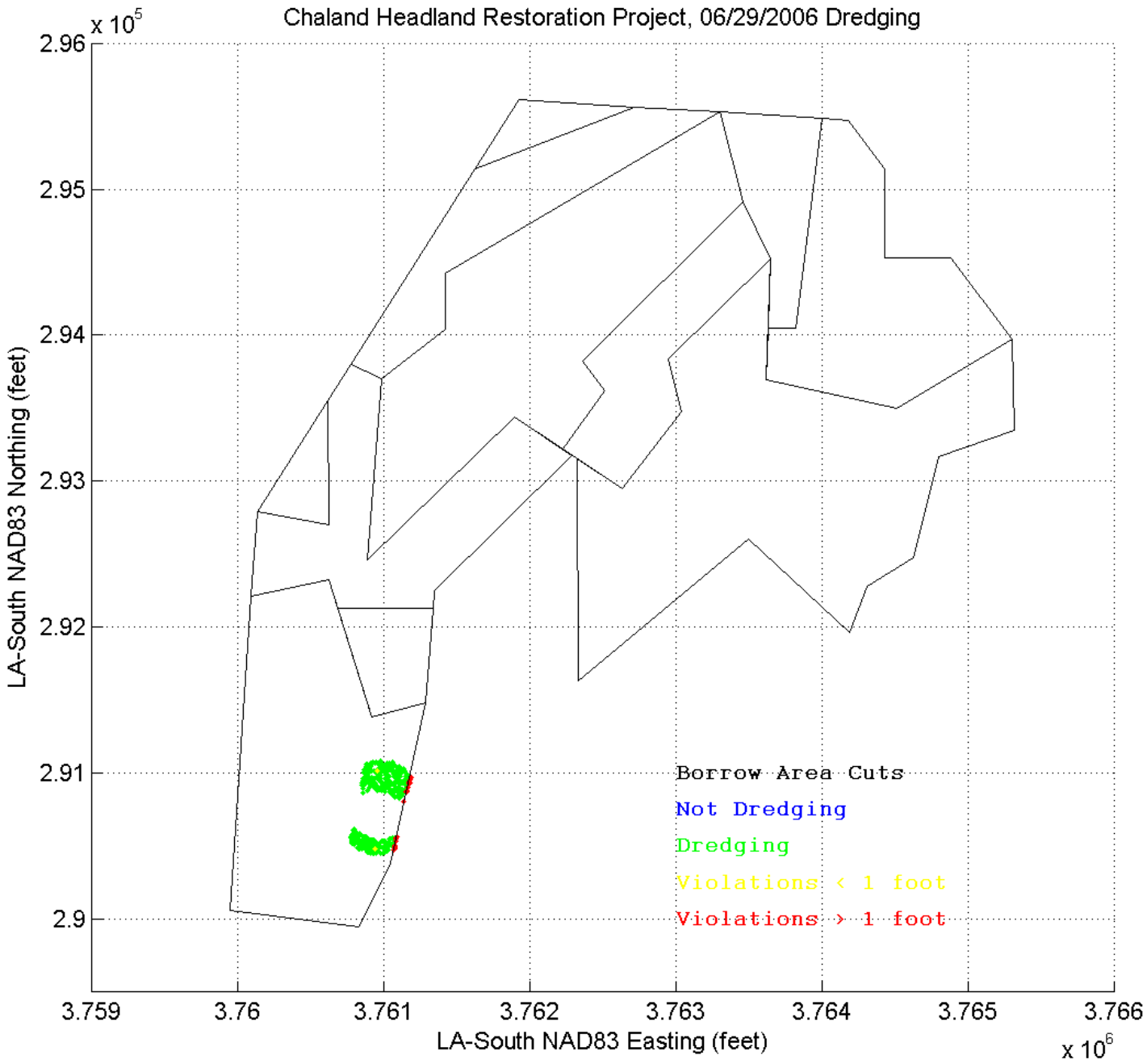
Mushroom discharge in the marsh at Station 11+00 looking east.

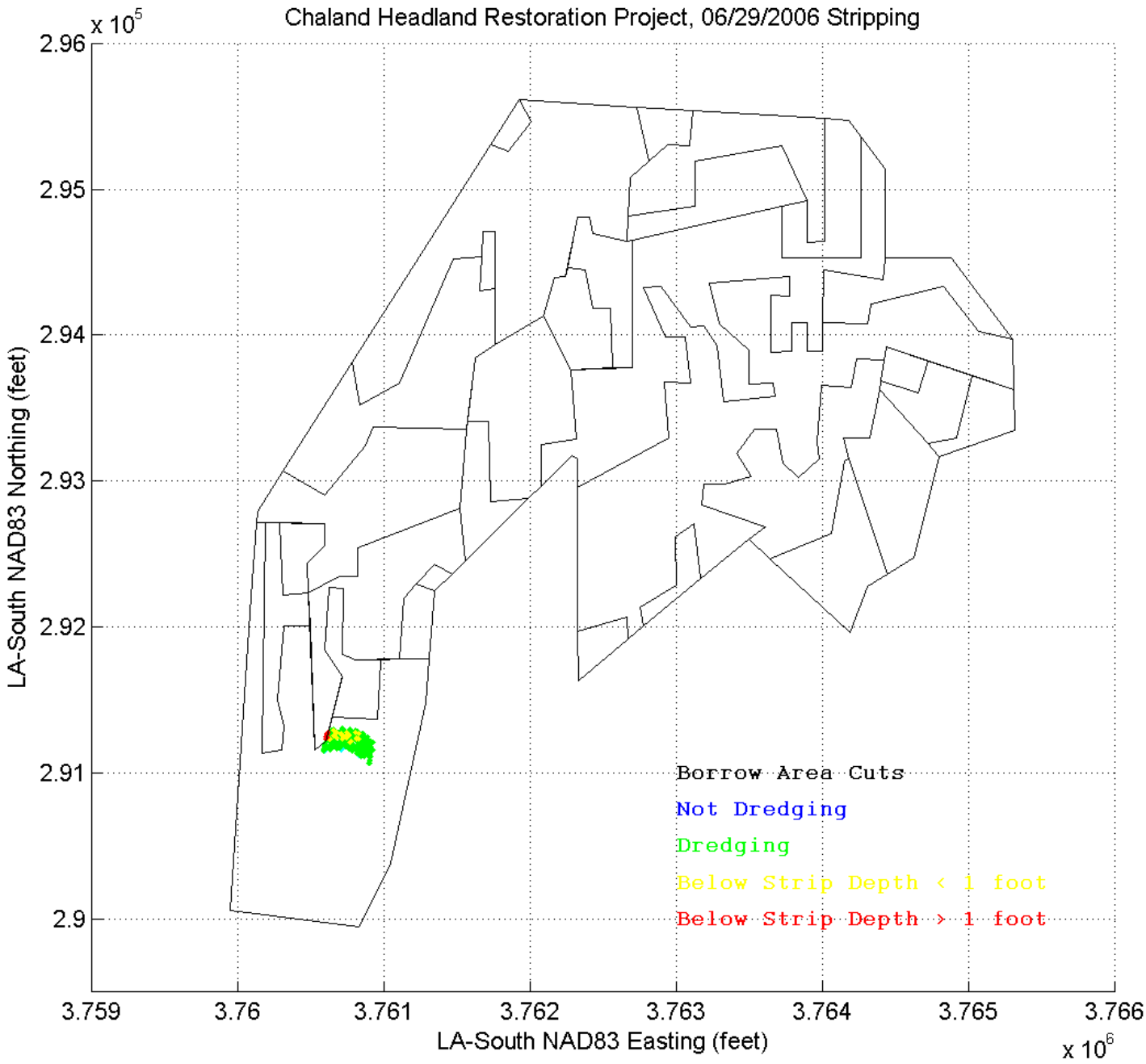
Marsh fill looking northwest from Station 8+00.

Marsh fill looking north from Station 8+00.

Marsh buggy constructing the west containment dike at Station 10+50.

Wood debris burn pile at Station 66+00.


Chaland Headland Restoration Project, 06/29/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot


Chaland Headland Restoration Project, 06/29/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 1, 2006 | OBSERVATION REPORT NO: 98
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 228
ARRIVAL TIME: 9:45 | DEPARTURE TIME: 11:45
15:30 | 17:30

WEATHER CONDITIONS: Overcast
WAVE HEIGHT AND DIRECTION: S 0'-1', SE 1'-2'
WIND SPEED AND DIRECTION: ENE 5-10 mph, ESE 10-15 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Marsh Fill
OUTFALL LOCATION: Station 12+25, Station 13+50
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: Station 16+00, Station 17+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Outfall advance inconsistency.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 1, 2006 OBSERVATION REPORT NO: 98

25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	Yes	Observation #1
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was mushroom discharged to the marsh using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 12+25 Range -8+00 and pointed east. The slurry flowed east to the extent of marsh fill at Station 16+00. The marsh fill stacked to 2.8 feet NAVD between Station 7+00 and Station 16+00 and between Range -7+00 and Range -9+50. The marsh fill stacked to an elevation of approximately 1 foot NAVD between Station 11+00 and Station 16+00 and between Range -4+00 and Range -7+00. Pumping ceased which allowed a marsh buggy and two bulldozers to advance the dredge pipe.

2. Flow pipes were placed in a ditch below the equipment access road near Station 78+50 Range -2+75.

3. Water runoff from the marsh fill flowed from Station 15+00 Range -7+00 into the Gulf of Mexico near Station 5+00 Range -4+00.

4. The water level within the marsh area appeared to reach an elevation of approximately 2.5 feet NAVD. See discussion item #2.

5. The outfall advance stated in the WMI Daily Quality Control Report (DQCR) and the WMI Daily Dredge Report (DDR) were not consistent. The WMI DDR stated that the outfall advanced 520 feet. The WMI DQCR stated that the outfall advanced 400 feet.

6. The Tom James' cutterhead excavated from below the overburden removal cut depth due to crossing into an adjacent, shallower cut section. However, the cutterhead was located within the permitted excavation area.

7. Two piles of dead vegetation and non-treated wood were burning near Station 66+00 Range -0+10 and near Station 52+00 Range -3+00. Both burns appeared to be under control with little resultant light gray smoke.

8. A WMI mechanic was welding sheet metal onto the pontoon of a marsh buggy to plug a hole.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Jason Manthey (NOAA) about the WMI Daily Quality Control Reports (DQCR) and the Daily Dredge Reports (DDR). Jason stated that the resubmitted WMI DQCR and DDR are still deficient through June 1, 2006. I stated that the operating time of the Tom James was inconsistent on the most recently submitted reports. I also said that the wave direction was peculiar since the WMI DQCR states that the wave direction was coming from the northeast.

2. I spoke with Gary Johnson (WMI) about the height water level in the marsh. Gary stated that he needs to lower the water level by approximately 1 foot.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 1, 2006 OBSERVATION REPORT NO: 98

3. I spoke with Gary Johnson (WMI) about the pre- marsh fill beach survey data. Gary stated that he was not asked for the survey data prior to pumping material into the marsh. I stated that this survey data is needed to determine if the beach fill slope north of the dune crest and the northern toe of beach fill have been constructed per project specifications. Gary said that it is not an issue since secondary dikes were constructed along the marsh and dune interface. Gary added that check surveys were performed prior to filling the marsh and that he can provide this data.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Mushroom discharge in the marsh at Station 13+50 looking east.

Advancing dredge pipe in the marsh.

Flow pipes placed below the equipment access road near Station 78+50 Range -2+75.

Marsh fill entering the Gulf of Mexico near Station 5+00 Range -4+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: July 1, 2006 OBSERVATION REPORT NO: 98

View to the south from Station 13+00 Range -8+00.

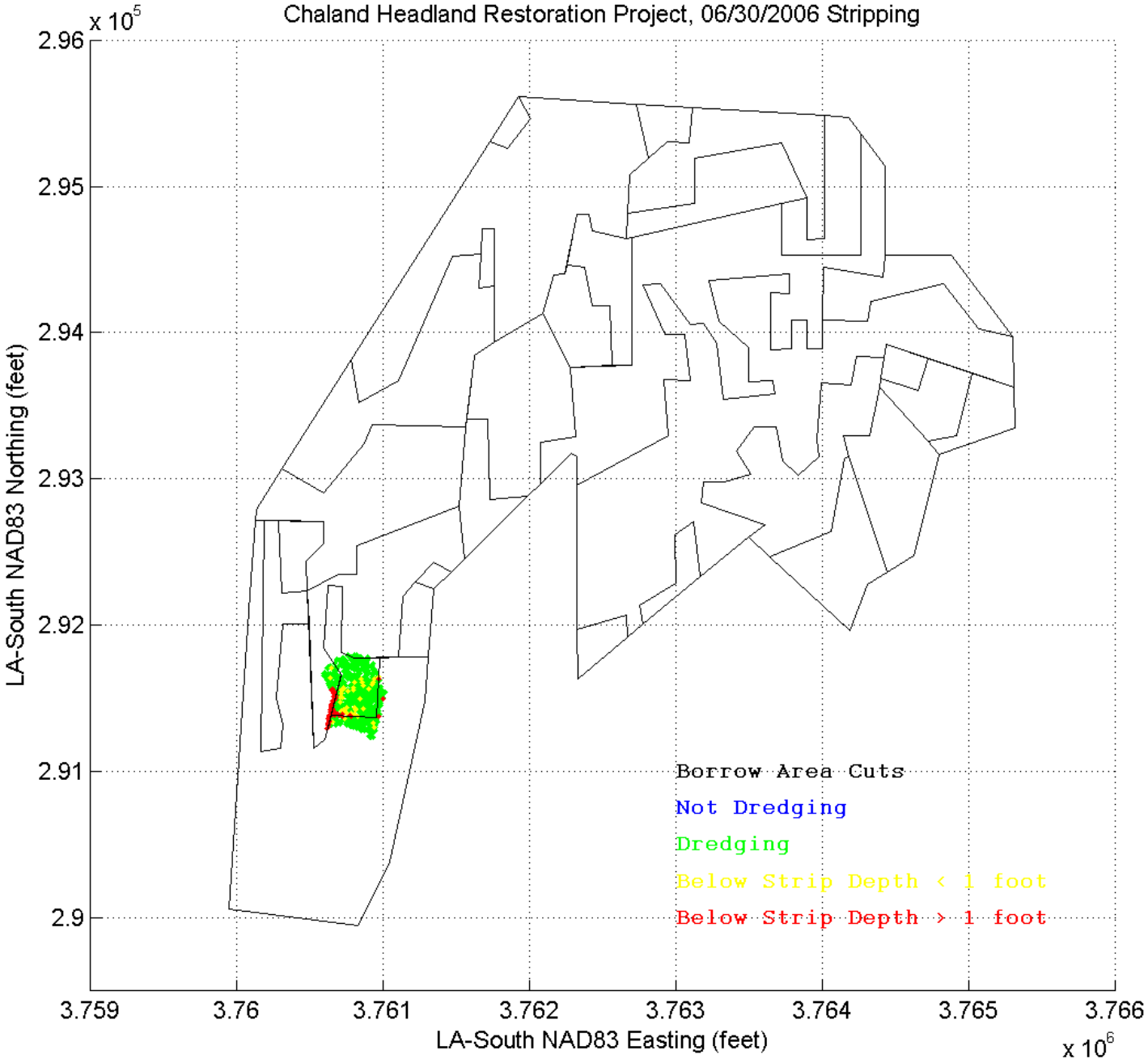
View to the north from Station 13+00 Range -8+00.

View to the west from Station 13+00 Range -8+00.

Patching a hole on the pontoon of a marsh buggy.

Gulf of Mexico wave conditions near Station 77+60 at 17:15.

Wood debris burn pile at Station 52+00.


Chaland Headland Restoration Project, 06/30/2006 Stripping
x 10^5
2.96
2.95
2.94
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2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 2, 2006 | OBSERVATION REPORT NO: 99
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 229
ARRIVAL TIME: 12:30 DEPARTURE TIME: 14:30

WEATHER CONDITIONS: Overcast turning to Rain
WAVE HEIGHT AND DIRECTION: SE 1'-2'
WIND SPEED AND DIRECTION: SE 10-15 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Marsh Fill
OUTFALL LOCATION: Station 18+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: Station 21+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Discharge location and operating time inconsistencies.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 2, 2006 OBSERVATION REPORT NO: 99

25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	Yes	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was mushroom discharged to the marsh using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 18+00 Range -8+00 and pointed east. The slurry flowed east to the extent of marsh fill at Station 21+00. The marsh fill stacked to 2.8 feet NAVD between Station 7+00 and Station 21+00 and between the marsh/dune interface and the primary dike. A marsh buggy was ready to work but was not needed.

2. Two bulldozers built a marsh containment dike between Station 11+00 and Station 23+00 along the marsh and dune interface. The elevation of the constructed containment dike was approximately 4 feet NAVD.

3. Water runoff from the marsh fill flowed from Station 9+84 Range -6+00 into the Gulf of Mexico near Station 5+00 Range -4+00.

4. The flow pipes placed in the ditch below the equipment access road near Station 78+50 Range -2+75 were lowered to achieve an appropriate water level in the marsh. See discussion item #3.

5. The location of the discharge was inconsistent within the WMI Daily Quality Control Report (DQCR). The summary stated that the discharge was located at Station 12+00 and the work performed today (item #1) stated that the discharge was located at Station 15+70. The Tom James operating time stated in the WMI DQCR and the WMI Daily Dredge Report (DDR) were not consistent. Furthermore, the progress summary chart in the WMI DQCR was left blank and makes the report appear incomplete.

6. The Tom James cutterhead excavated approximately 1.5 feet below the required overburden removal cut depth due to crossing into an adjacent, shallower cut section. However, the cutterhead was located within the permitted excavation area.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the pre- marsh fill beach survey data. Gary stated that a survey of the beach between Station 5+00 and Station 29+20 was conducted prior to pumping dredged overburden material into the marsh. Gary said that he will submit the survey data so that the locations of the northern toe of beach fill and the landward slope of the dune can be verified.

2. I spoke with Anthony Vest (WMI) about today's survey activities. Anthony stated that a check survey was performed between Station 5+00 and Station 29+20.

3. I spoke with Gary Johnson (WMI) about the water level elevation in the marsh. Gary stated that the marsh water level needs to be below the marsh design grade elevation so that he can verify the elevation of the marsh while pumping overburden into the marsh. Gary said that the flow pipes placed in the ditch below the equipment access road near Station 78+50 Range -2+75 will be lowered to achieve an appropriate water level in the marsh.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 2, 2006 OBSERVATION REPORT NO: 99

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Mushroom discharge into the marsh at Station 18+00 looking east.

View to the southeast from Station 17+75 Range -8+00.

View to the south from Station 17+75 Range -8+00.

View to the southwest from Station 17+75 Range -8+00.

View to the west from Station 17+75 Range -8+00.

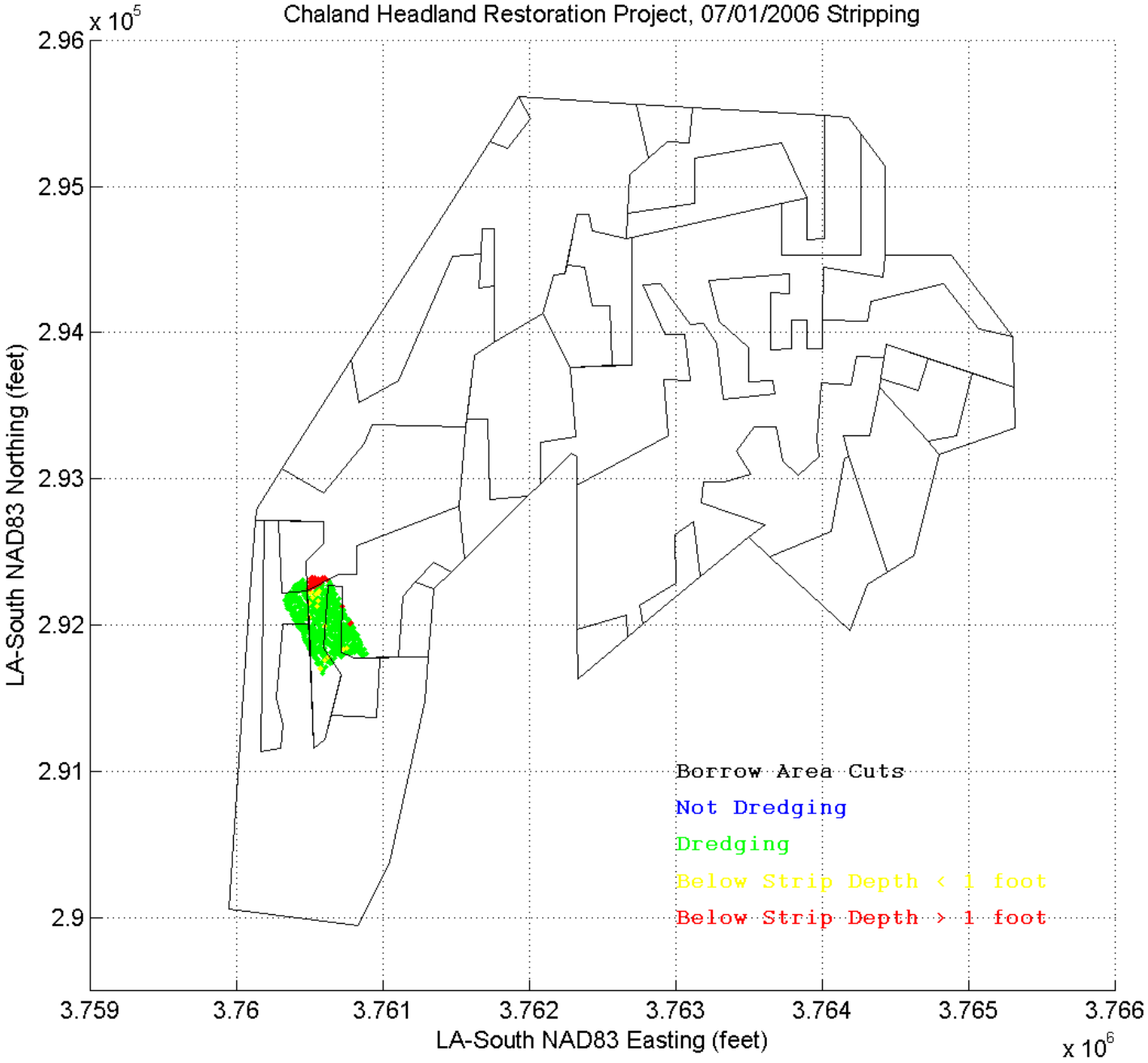
View to the northwest from Station 17+75 Range -8+00.

DATE: July 2, 2006 OBSERVATION REPORT NO: 99

View to the north from Station 17+75 Range -8+00.

View to the northeast from Station 17+75 Range -8+00.

Bulldozer constructing the marsh and dune interface containment dike near Station 18+00.


Chaland Headland Restoration Project, 07/01/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 3, 2006 | OBSERVATION REPORT NO: 100
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 230
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:30
15:30 | 17:30

WEATHER CONDITIONS: Overcast and Rain, Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 1'-2'
WIND SPEED AND DIRECTION: ESE 10-15 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Marsh Fill
OUTFALL LOCATION: Station 21+00, Station 25+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: Station 23+00, Station 27+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Location of discharge and survey activities.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	Observation #4
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 3, 2006 OBSERVATION REPORT NO: 100

25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	Yes	
30.	Does any fill appear to be stacking above the fill template?	Yes	Observation #1

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was mushroom discharged to the marsh using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 21+00 Range -8+00 and pointed east. The slurry flowed east to the extent of marsh fill at Station 23+00. The marsh fill stacked to approximately 3.5 feet NAVD between Station 7+00 and Station 21+00 and between Range -8+00 and the primary dike. The marsh fill stacked to an elevation of approximately 3.1 feet NAVD between Station 7+00 and Station 21+00 between the marsh/dune interface and Range -8+00. A marsh buggy was creating a flow channel in front of the discharge to facilitate west to east flow. See discussion item #1.

2. Two bulldozers constructed the containment dike along the marsh/dune interface near Station 42+00 and near Station 24+36; the containment dike along the marsh/dune interface extends from Station 11+00 to Station 42+00.

3. WMI surveyed the northern dune crest and landward slope at Station 33+00. See discussion item #4.

4. Debris washed ashore gulfward of the south containment dike along the entire project extent. A majority of the debris was dead vegetation.

5. The WMI Daily Quality Control Report (DQCR) summary stated that the discharge was located at Station 21+00 and is 248 feet east of pay profile line CG4; the WMI DQCR summary should state that Station 21+00 is 148 feet east of pay profile line CG4. Survey inconsistencies were observed in the WMI DQCR. Item #2, result of surveillance, states that the WMI survey crew placed marsh grade stakes on the seaward toe of the back dike while item #4, daily bird patrol, states that the WMI survey crew placed grade stakes on the beach. The progress summary chart in the WMI DQCR was left blank and makes the report appear incomplete.

6. The Tom James cutterhead excavated approximately 2.5 feet below the required overburden removal cut depth due to crossing into an adjacent, shallower cut section. However, the cutterhead was located within the permitted excavation area.

7. A pile of dead vegetation and non-treated wood was burning near Station 66+00 Range -0+10. The burn appeared to be under control. The burn resulted in light gray smoke.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Brian Kendrick (KE) about the marsh construction. I stated that the marsh fill is stacking above the design grade. Brian stated that it would be beneficial for him to visit the project site to inspect the constructed marsh. Arrangements were made with the crew boat captain to collect Brian at the Sand Dollar Marina tomorrow morning.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 3, 2006 OBSERVATION REPORT NO: 100

2. I spoke with Gary Johnson (WMI) about the construction activities. Gary stated that WMI plans on pumping stripped overburden material into the marsh until July 7, or until the areas needed to be stripped by the Tom James are out of the cutterhead's reach. Gary said that the dune will then be built to grade west of Station 29+20 before resuming stripping activities and pumping additional overburden into the marsh.

3. I spoke with Gary Johnson (WMI) about his leave from the project site. Gary stated that Captain Frank Gill (WMI) will be in charge during his absence.

4. I spoke with Anthony Vest (WMI) about the survey progress. Anthony stated that grade stakes were placed along the landward toe of the dune crest between Station 8+00 and Station 27+00. Anthony said that the northern dune crest and landward slope have been surveyed between Station 7+00 and Station 33+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Mushroom discharge into the marsh at Station 21+00 looking east.

View to the southeast from Station 20+75 Range -8+00.

View to the south from Station 20+75 Range -8+00.

View to the southwest from Station 20+75 Range -8+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: July 3, 2006 OBSERVATION REPORT NO: 100

View to the west from Station 20+75 Range -8+00.

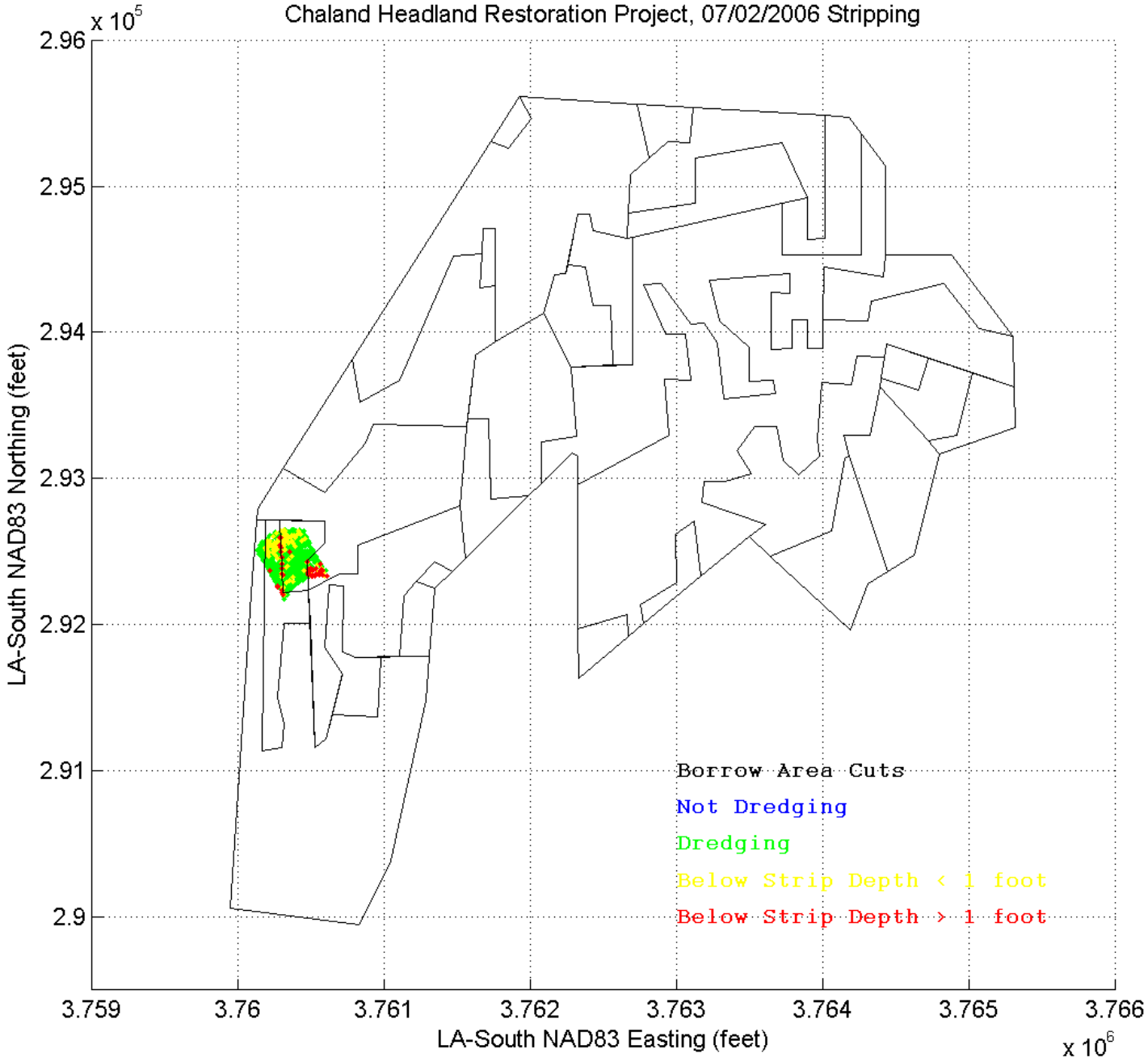
View to the northwest from Station 20+75 Range -8+00.

View to the north from Station 20+75 Range -8+00.

View to the northeast from Station 20+75 Range -8+00.

WMI surveying the northern dune crest and landward slope at Station 33+00

Bulldozers constructing the containment dike along the marsh/dune interface near Station 42+00.


Chaland Headland Restoration Project, 07/02/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 4, 2006 | OBSERVATION REPORT NO: 101
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 231
ARRIVAL TIME: 8:45 | DEPARTURE TIME: 11:00
15:20 | 17:00

WEATHER CONDITIONS: Partly Cloudy, Overcast
WAVE HEIGHT AND DIRECTION: SE 1'-2'
WIND SPEED AND DIRECTION: ESE 10-15 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Marsh Fill
OUTFALL LOCATION: Station 30+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: Station 35+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Observation #4
	DQCR Comments:		Observation #4
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	Observation #2
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #2
	Type: Marsh Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	N/A	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	N/A
18.	Has debris been removed prior to placement of fill?	N/A
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 4, 2006 OBSERVATION REPORT NO: 101

25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	Yes	Observation #2
29.	Is the discharge pipe being moved?	Yes	Observation #2
30.	Does any fill appear to be stacking above the fill template?	Yes	Observation #2

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Brian Kendrick (KE) arrived on-site at 8:30. Brian and I estimated the marsh elevation along the marsh/dune interface between Station 11+00 and Station 26+00. The elevation of the marsh was estimated by measuring the distance between the marsh grade marker and the constructed marsh surface. Marsh elevation estimates are shown in the following table:

Station	Range	Elevation (ft. NAVD)
11+00	-2+40	2.7
14+00	-2+80	2.7
17+00	-3+20	3.4
20+00	-3+40	3.3
23+00	-3+40	3.5
26+00	-3+40	2.7

2. Overburden was mushroom discharged to the marsh using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 30+00 Range -7+00 and pointed east. The slurry flowed east along the primary dike to the extent of marsh fill at Station 35+00. The marsh fill stacked to approximately 3.2 feet NAVD between Station 7+00 and Station 35+00 and between Range -6+00 and the primary dike. The gulfward elevation of the marsh fill is shown in the table above. Wood debris, such as dead vegetation and driftwood, was observed in the discharge area.

3. A bulldozer moved shore pipe from the dune crest to the marsh near Station 26+00; nine shore pipes were staged at Station 26+00 Range -6+00.

4. WMI did not submit the 7/3 Daily Quality Control Report (DQCR), Daily Dredge Report (DDR), or cutterhead xyz data. See discussion item #5.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Anthony Vest (WMI) about the marsh grade markers. Anthony stated that the CG lines (pay profile lines) have the upper tolerance of the marsh delineated in blue, the lower tolerance delineated in pink, and the marsh design grade elevation is delineated in white. Anthony said that the intermediate profile lines, profile lines that are not pay profile lines, mark only the marsh design grade elevation which is delineated in orange.

2. I spoke with Anthony Vest (WMI) about the marsh grade stake top of conduit survey data. Anthony stated that the data has been collected but is not available today. Anthony said that the data is with DJ on his laptop and should be available when DJ returns tomorrow.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 4, 2006 OBSERVATION REPORT NO: 101

3. I spoke with Anthony Vest (WMI) about today's survey progress. Anthony stated that the northern dune crest and landward slope were surveyed between Station 42+00 and Station 53+00.

4. I spoke with Brian Kendrick (KE) about the expected marsh settlement. Brian stated that the marsh fill has more sand than expected and that the higher sand concentration in the marsh fill will speed-up the time it takes for the marsh to dewater. Brian said that the placed marsh fill can be expected to settle approximately 0.35 feet per foot of marsh. Brian said that if the marsh fill is above the upper tolerance, the high sand concentration of the marsh fill will make it possible to flush the system after it dewaters to disperse the fill and achieve an elevation per project specifications.

5. I was unable to speak with either Gary Johnson (WMI) or DJ Johnston (WMI) about the WMI Daily Quality Control Report (DQCR), Daily Dredge Report (DDR), and cutterhead xyz data for 7/3; Gary and DJ were not on site today.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Mushroom discharge into the marsh at Station 30+00 looking east.

View to the southeast from Station 29+75 Range -7+00.

View to the south from Station 29+75 Range -7+00.

View to the southwest from Station 29+75 Range -7+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: July 4, 2006 OBSERVATION REPORT NO: 101

View to the west from Station 29+75 Range -7+00.

View to the northwest from Station 29+75 Range -7+00.

View to the north from Station 29+75 Range -7+00.

View to the northeast from Station 29+75 Range -7+00.

Bulldozer moving dredge pipe from the dune to the marsh.

Gulf of Mexico wave conditions near Station 77+60 at 17:00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 5, 2006 | OBSERVATION REPORT NO: 102
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 232
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 11:45
15:30 | 17:30

WEATHER CONDITIONS: Overcast
WAVE HEIGHT AND DIRECTION: SE 0'-1', S 0'-1'
WIND SPEED AND DIRECTION: SE 5-10 mph, S 10-15 mph
TEMPERATURE: 85°-95° F, 80°-90° F

CONSTRUCTION ACTIVITY: Marsh Fill
OUTFALL LOCATION: Station 30+00, Station 33+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: Station 40+00, Station 44+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #6
	DQCR Comments: WMI DQCR submitted for 7/3 and 7/4.		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Marsh Fill		Observation #2
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	N/A
18.	Has debris been removed prior to placement of fill?	N/A
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 5, 2006 OBSERVATION REPORT NO: 102

25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	Yes	Observation #2
30.	Does any fill appear to be stacking above the fill template?	Yes	Observation #2
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #4

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. During the 9:30 observation overburden was mushroom discharged to the marsh using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 30+00 Range -7+00 and pointed east. The slurry flowed east along the primary dike to the extent of marsh fill at Station 40+00. The marsh fill stacked above the design grade template to an elevation of approximately 3 feet NAVD between Station 30+00 and Station 40+00 and between Range -5+00 and the primary dike.

2. During the 15:30 observation overburden was mushroom discharged to the marsh using a 90° dredge pipe elbow that was pointed upwards at 15:45. The outfall was located at Station 33+00 Range -8+00 and pointed east. The slurry flowed east along the marsh/dune containment dike to the extent of marsh fill at Station 44+00. The marsh fill stacked above the design grade template to an elevation of approximately 3 feet NAVD between Station 33+00 and Station 44+00 and between Range -5+00 and the primary dike.

3. A bulldozer constructed the containment dike along the marsh/dune interface near Station 45+00; the containment dike along the marsh/dune interface extends from Station 11+00 to Station 45+00.

4. Water runoff from the marsh fill flowed from Station 9+84 Range -6+00 into the Gulf of Mexico and Pass La Mer near Station 5+00 Range -4+00; a localized turbidity plume was observed where the marsh fill runoff entered the Gulf of Mexico and Pass La Mer.

5. The Tom James dredged outside the horizontal limits of the borrow area on 7/3 between 2:26 and 6:12; the cutterhead extended approximately 3 feet past the horizontal limits of the borrow area. The Tom James cutterhead excavated approximately 0.3 feet below the required overburden removal cut depth on 7/4 due to crossing into an adjacent, shallower cut section; however, the cutterhead was located within the permitted excavation area.

6. a) The 7/3 and 7/4 WMI Daily Quality Control Report (DQCR) item #1, work performed, and item #2, result of surveillance, state that grade stakes were placed on the seaward toe of the back dike which is inconsistent with the discussion I had with Anthony Vest (WMI) on 7/3 and 7/4. Anthony stated that grade stakes were placed along the landward toe of the dune on 7/3 and no grade stakes were placed on 7/4.

   b) Survey inconsistencies were observed in the 7/3 and 7/4 WMI DQCR. Item #1, work performed, and item #2, result of surveillance, state that the WMI survey crew placed marsh grade stakes on the seaward toe of the back dike while item #4, daily bird patrol, states that the WMI survey crew placed grade stakes on the beach.

   c) Item #4, daily bird patrol, in the 7/4 WMI DQCR is not accurate per CPE observations. Between 6:45 and 7:30 I had the WMI survey skiff docked at the boat landing and did not observe the WMI survey crew on the east beach between Station 5+00 and Station 106+64.

   d) The progress summary chart in the 7/3 and 7/4 WMI DQCR was left blank and makes the reports appear incomplete.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 5, 2006 OBSERVATION REPORT NO: 102

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the marsh elevation that was surveyed yesterday and was found to be above the upper tolerance for marsh fill. Gary stated that WMI plans on having the heavy equipment run on top of the marsh after the shore pipe has been removed from the area. Gary said that the heavy machinery should help dewater and lower the elevation of the marsh. Gary stated that after the heavy equipment works the marsh the survey crew will take check surveys of the constructed marsh elevation. Gary said that thirty days after the equipment has worked the marsh the marsh will be surveyed again to determine if the elevation is within the acceptable range.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Mushroom discharge into the marsh at Station 33+00 looking east.

View to the southeast from Station 32+75 Range -8+00.

View to the south from Station 32+75 Range -8+00.

View to the southwest from Station 32+75 Range -8+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: July 5, 2006 OBSERVATION REPORT NO: 102

View to the west from Station 32+75 Range -8+00.

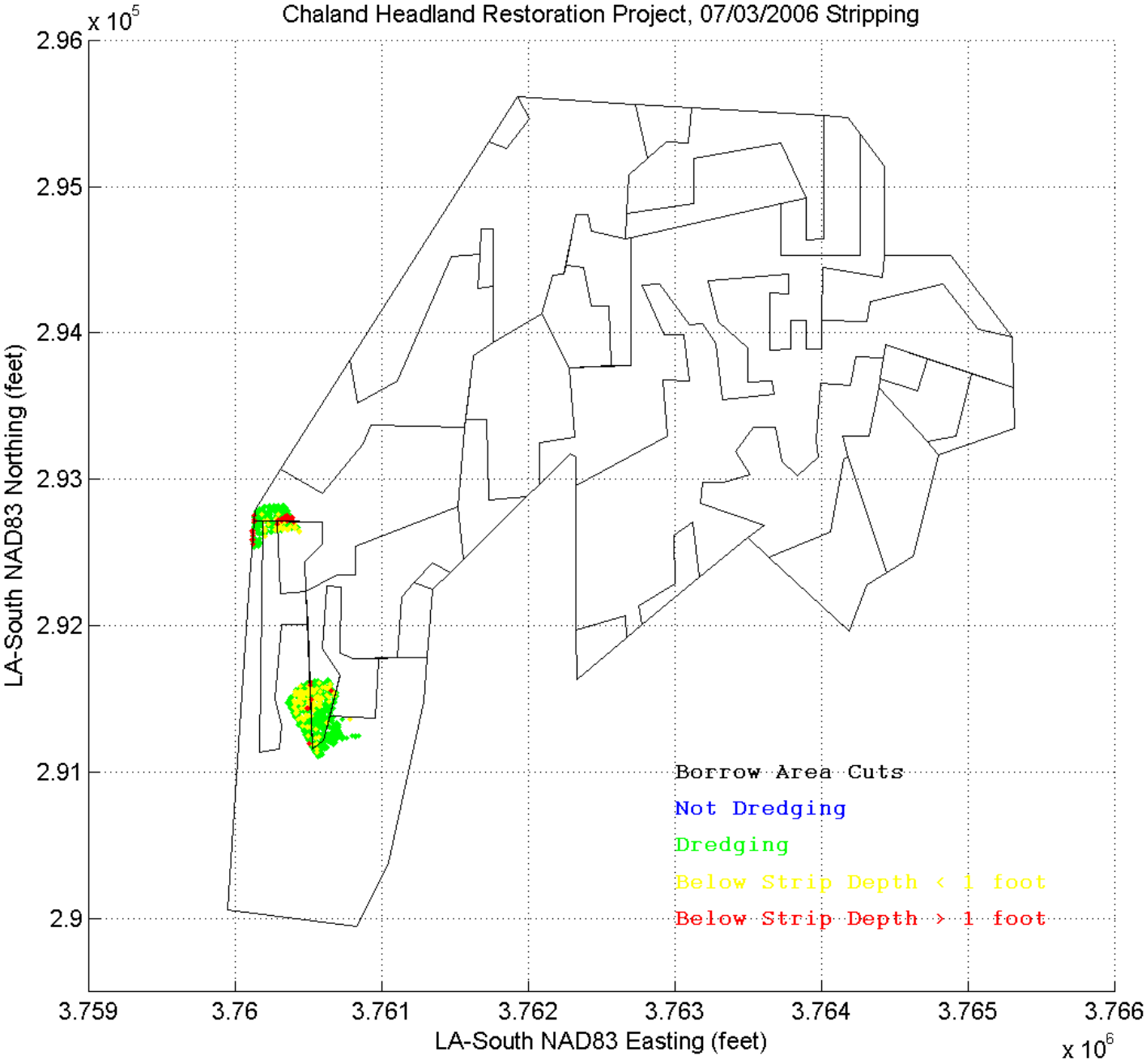
View to the northwest from Station 32+75 Range -8+00.

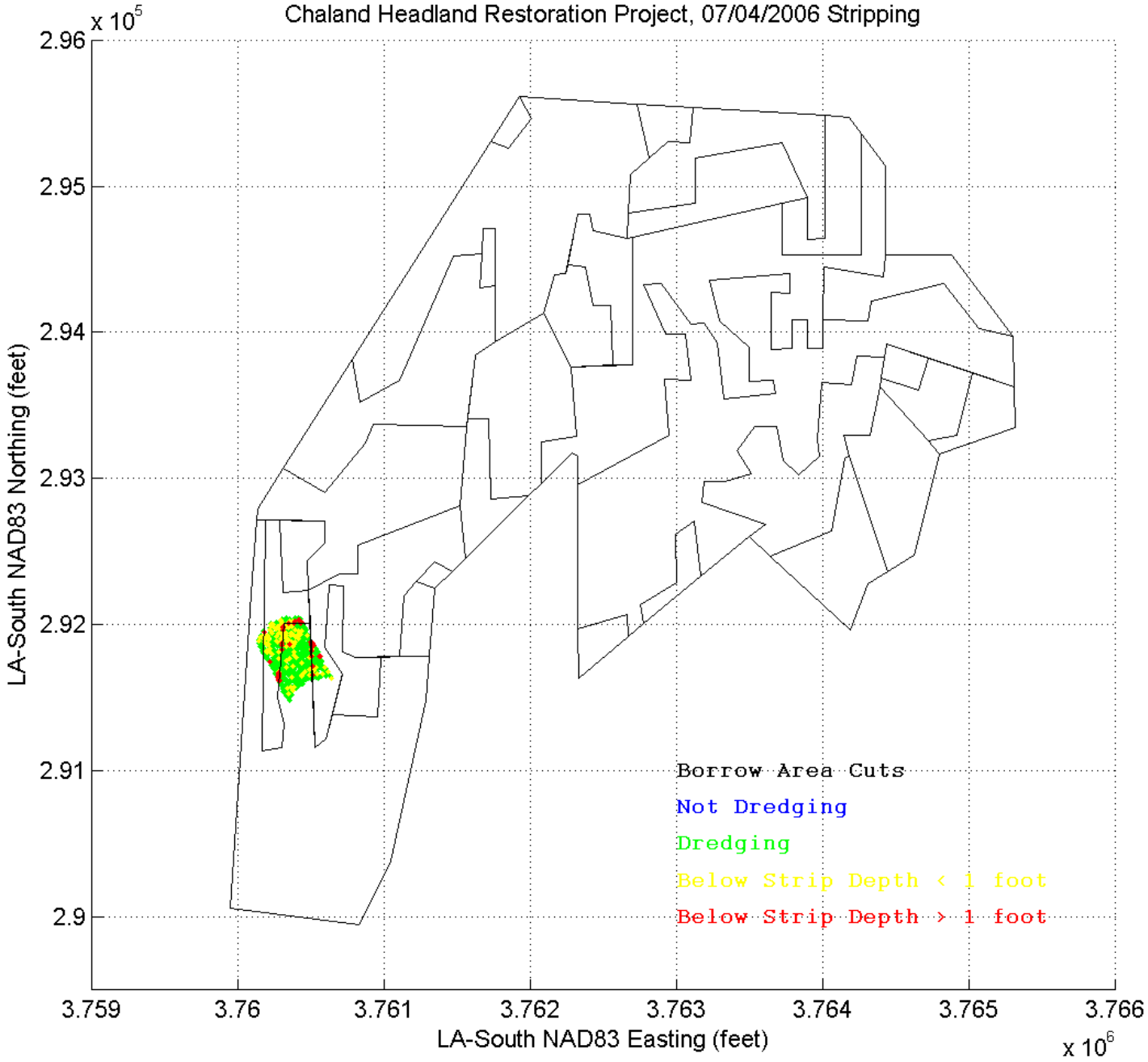
View to the north from Station 32+75 Range -8+00.

View to the northeast from Station 32+75 Range -8+00.

Origin of marsh fill runoff. Looking east-northeast from Station 8+00 Range -6+00.

Marsh fill runoff into the Gulf of Mexico and Pass La Mer. Looking west-southwest from Station 8+00 Range -6+00.


Chaland Headland Restoration Project, 07/03/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot


Chaland Headland Restoration Project, 07/04/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 6, 2006 | OBSERVATION REPORT NO: 103
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 233
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:30
15:45 | 17:45

WEATHER CONDITIONS: Partly Cloudy, Overcast
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: NW 0-5 mph, SSW 0-5 mph
TEMPERATURE: 80°-90° F, 85°-95° F

CONSTRUCTION ACTIVITY: Marsh Fill
OUTFALL LOCATION: Station 37+50
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: Station 45+00, Station 48+56

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Progress Summary Chart and Daily Dredge Report.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	Observation #2
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Marsh Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	N/A
18.	Has debris been removed prior to placement of fill?	N/A
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 6, 2006 OBSERVATION REPORT NO: 103

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	Yes	Observation #1
30.	Does any fill appear to be stacking above the fill template?	Yes	Observation #1
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. During the 10:30 observation WMI advanced the outfall, which pointed east, to Station 37+50 Range -8+00. Overburden was mushroom discharged to the marsh using a 90° dredge pipe elbow that was pointed upwards. The slurry flowed east in the center of the canal to the extent of marsh fill at Station 45+00. The marsh fill stacked above the design grade template to an elevation of approximately 3 feet NAVD between Station 37+50 and Station 45+00 and between Range -3+50 and the primary dike.

2. A bulldozer moved a large piece of driftwood from Station 37+50 Range -3+50 to the burn pile located near Station 52+00 Range -3+00.

3. The number of birds observed around the project site has increased substantially. A single bird, most likely a common tern, was consistently dive bombing me during the walk from the boat landing near Station 77+60 Range -15+00 to the marsh fill area. While the single bird was dive bombing a large flock of smaller birds flew in circles above.

4. The Tom James dredged outside the horizontal limits of the borrow area between 5:31 and 12:38; the cutterhead extended approximately 2 feet past the horizontal limits of the borrow area. The Tom James cutterhead excavated approximately 1 foot below the required overburden removal cut depth.

5. Beach start and end cut stations were given in the WMI Daily Dredge Report (DDR) but no beach cut operating time was reported. The progress summary chart in the WMI Daily Quality Control Report (DQCR) was left blank and makes the reports appear incomplete.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the Mule transportation from the boat landing to the fill area. Gary stated that the starter was repaired but the Mule now needs the torque converter replaced. Gary said that the on-site mechanic is taking a week off but when he returns the required parts should have arrived allowing him to fix the Mule.

2. I spoke with DJ Johnston (WMI) about the WMI survey activities. DJ stated that check surveys of the landward slope of the dune and the landward toe of fill were completed between Station 43+72 and Station 53+40. DJ said that the check surveys were completed prior to the marsh fill encroaching on the dune in these locations.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 6, 2006 OBSERVATION REPORT NO: 103

Mushroom discharge into the marsh at Station 37+50 looking east at 16:30.

View to the southeast from Station 37+25 Range -8+00 at 16:30.

View to the south from Station 37+25 Range -8+00 at 16:30.

View to the southwest from Station 37+25 Range -8+00 at 16:30.

View to the west from Station 37+25 Range -8+00 at 16:30.

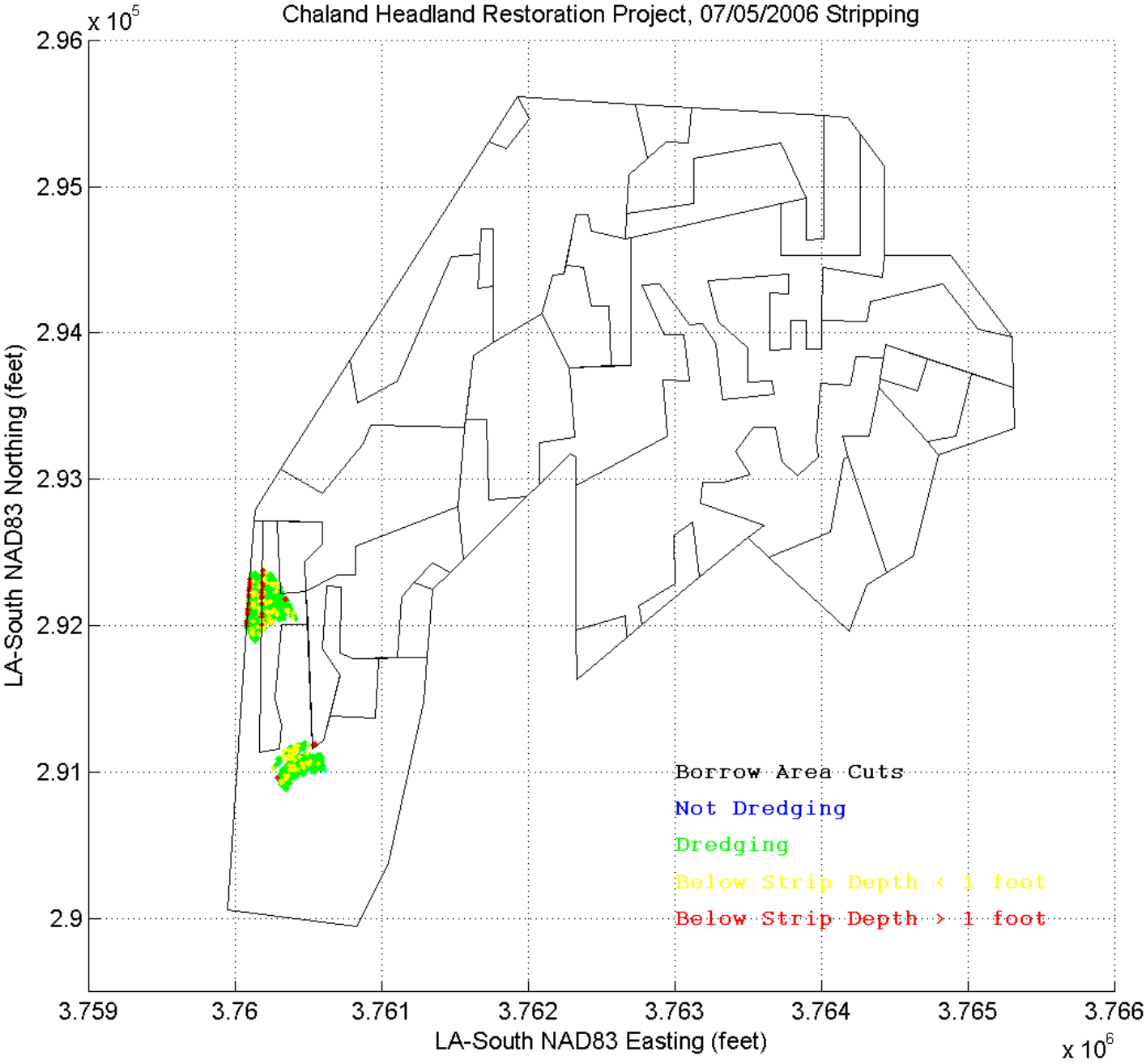
View to the northwest from Station 37+25 Range -8+00 at 16:30.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: July 6, 2006 OBSERVATION REPORT NO: 103

View to the north from Station 37+25 Range -8+00 at 16:30.

View to the northeast from Station 37+25 Range -8+00 at 16:30.


Chaland Headland Restoration Project, 07/05/2006 Stripping
x 10^5
2.96
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LA-South NAD83 Northing (feet)
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3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 7, 2006 | OBSERVATION REPORT NO: 104
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 234
ARRIVAL TIME: 12:45 | DEPARTURE TIME: 14:45
19:00 | 20:45

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: WNW 0-5 mph, WNW 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Marsh Fill
OUTFALL LOCATION: Station 39+00, Station 40+50
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: Station 50+00, Station 53+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Outfall location inconsistency.		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach grade staking between Station 18+00 and Station 29+20.		Observation #5

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 7, 2006 OBSERVATION REPORT NO: 104

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	Yes	Observation #2
30.	Does any fill appear to be stacking above the fill template?	Yes	Observation #1
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was mushroom discharged to the marsh using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 40+50 Range -8+50 and pointed southeast. The slurry flowed east in the center of the canal to the extent of marsh fill near Station 53+40. The marsh fill stacked to approximately 3 feet NAVD between Station 40+50 and Station 53+40 and between Range -3+50 and the primary dike.

2. A marsh buggy advanced the outfall east from Station 39+00 to Station 40+50.

3. DJ Johnston (WMI) submitted beach fill surveys showing the landward dune slope and toe of dune collected prior to the placement of marsh fill between Station 30+00 and Station 53+40.

4. Gary Johnson (WMI) left the project site for the weekend. Paul Stewart (WMI) is the superintendent on-site in Gary's absence.

5. The WMI survey crew placed beach grade stakes near Station 28+00. See discussion item #2.

6. A bulldozer was building a containment dike along the northern extent of the dune crest near Station 40+00. The containment dike along the northern extent of the dune crest extends from Station 29+20 to Station 40+00 and has a crest elevation of approximately 8 feet NAVD.

7. The Tom James dredged outside the horizontal limits of the borrow area between 19:17 and 23:58; the cutterhead extended approximately 5 feet past the horizontal limits of the borrow area. The Tom James cutterhead excavated approximately 1 foot below the required overburden removal cut depth due to crossing into an adjacent, shallower cut section.

8. Outfall location inconsistencies were observed in the WMI Daily Quality Control Report (DQCR). The WMI DQCR summary stated that the outfall was located at Station 39+30 and item #1, work performed today, stated that the outfall was located at Station 39+300.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about beach transportation from the boat landing to the fill area. Gary stated that a new Mule is scheduled to arrive on Monday. Gary said that the new Mule will not be used to replace the Mule needing repairs but will stay on-site throughout the duration of the project. Gary stated that the broken Mule will be repaired so that two Mules are available for beach transportation.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 7, 2006 OBSERVATION REPORT NO: 104

2. I spoke with Anthony Vest (WMI) about the beach grade staking. Anthony stated that beach grade stakes were placed along the seaward slope of the dune at elevations 5 feet NAVD, 4 feet NAVD, 3 feet NAVD, and 2 feet NAVD between Station 18+00 and Station 29+20. Anthony said that the elevations of previously placed beach grade stakes were checked.

3. I spoke with Paul Stewart (WMI) about the dredging operations. Paul stated that overburden will continue to be removed and placed in the marsh fill area until tomorrow morning. Paul said that sand dredging and beach fill operations will resume tomorrow morning. Paul stated that beach fill operations will start at Station 29+20 and move west to finish constructing the complete beach template.

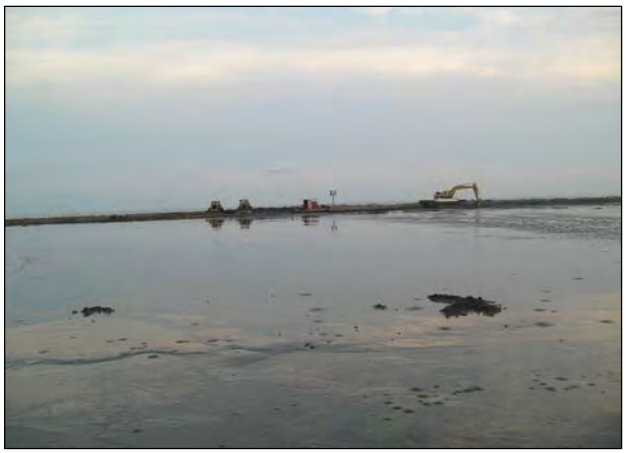
4. I spoke with Gordon Thomson (CPE) about the pilings located near Station 29+00 Range 1+00. I stated that tomorrow's planned beach fill operations will be interacting with the exposed pilings. Gordon stated that it is not necessary for me to speak with Paul Stewart (WMI) about the pilings.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

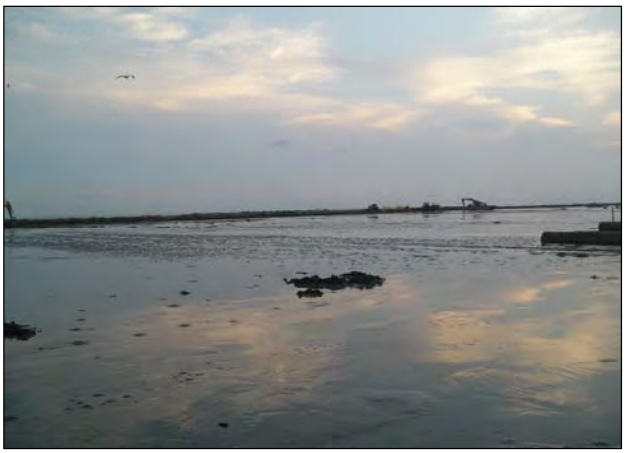
1. No.

Mushroom discharge into the marsh at Station 40+50 looking southeast at 20:00.

View to the south from Station 40+25 Range -8+50 at 20:00.



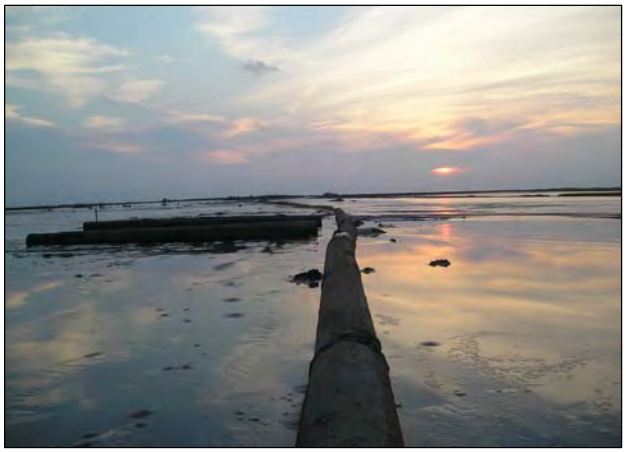
View to the south-southwest from Station 40+25 Range -8+50 at 20:00.



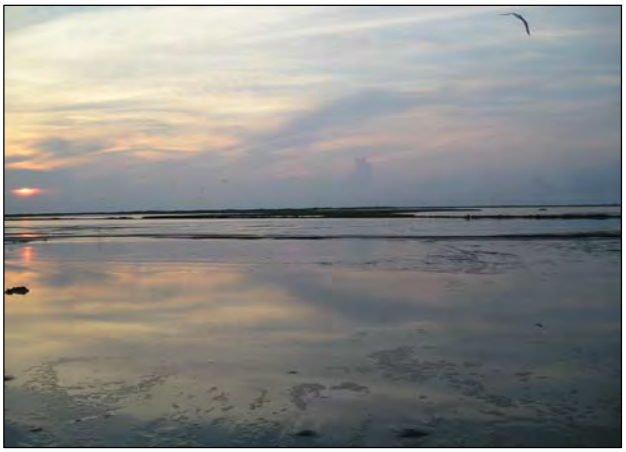
View to the southwest from Station 40+25 Range -8+50 at 20:00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: July 7, 2006 OBSERVATION REPORT NO: 104



View to the west from Station 40+25 Range -8+50 at 20:00.



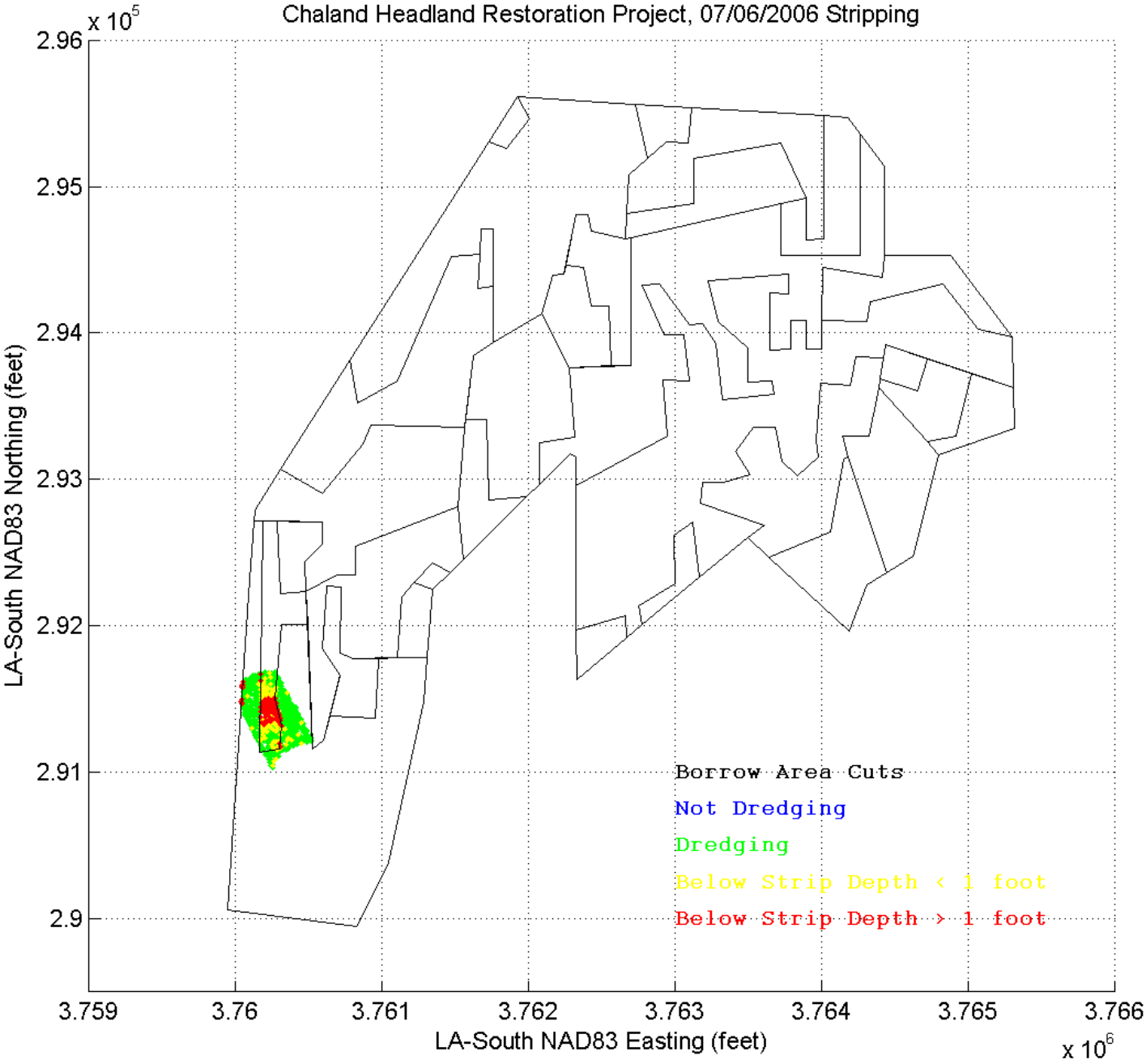
View to the northwest from Station 40+25 Range -8+50 at 20:00.

View to the north from Station 40+25 Range -8+50 at 20:00.

View to the northeast from Station 40+25 Range -8+50 at 20:00.

Marsh buggy advancing the dredge pipe east from Station 39+00.

WMI survey crew placing beach grade stakes near Station 28+00.


Chaland Headland Restoration Project, 07/06/2006 Stripping
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3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 8, 2006 | OBSERVATION REPORT NO: 105
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 235
ARRIVAL TIME: 14:00 DEPARTURE TIME: 16:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: SE 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Shore Pipe Breakdown
OUTFALL LOCATION: Station 29+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: Station 58+23

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 8, 2006 OBSERVATION REPORT NO: 105

25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	Yes	Observation #3
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Shore pipe breakdown.		Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The outfall was located at Station 29+00 Range -0+25 and pointed west. No sand was discharged to the beach. See discussion item #1.

2. A marsh buggy broke apart dredge pipe in the marsh. A bulldozer moved the dismantled dredge pipe from the marsh to the dune crest. A loader moved the dredge pipe from the dune crest to Station 31+00 Range -0+25; the dredge pipe at Station 31+00 Range -0+25 was placed shore parallel.

3. The marsh fill extended to Station 58+23 and had an elevation of approximately 3 feet NAVD between Range -3+00 and Range -9+00.

4. The Tom James dredged outside the horizontal limits of the borrow area between 0:12 and 5:57 on 7/7; the cutterhead extended approximately 3 feet past the horizontal limits of the borrow area. The Tom James cutterhead excavated approximately 1.4 feet below the required overburden removal cut depth due to crossing into an adjacent, shallower cut section.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the dredge status. Paul stated that dredging stopped around 4:00 due to a shaft problem. Paul said that the dredge returned to Grand Isle around 11:00 for repairs and will be down approximately 24 to 48 hours. I spoke with Jason Manthey (NOAA) and informed him of the dredge status. I called Gordon Thomson (CPE) and left a message on his voicemail stating the dredge status.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 8, 2006 OBSERVATION REPORT NO: 105

Outfall at Station 29+00 Range -0+25 looking west.

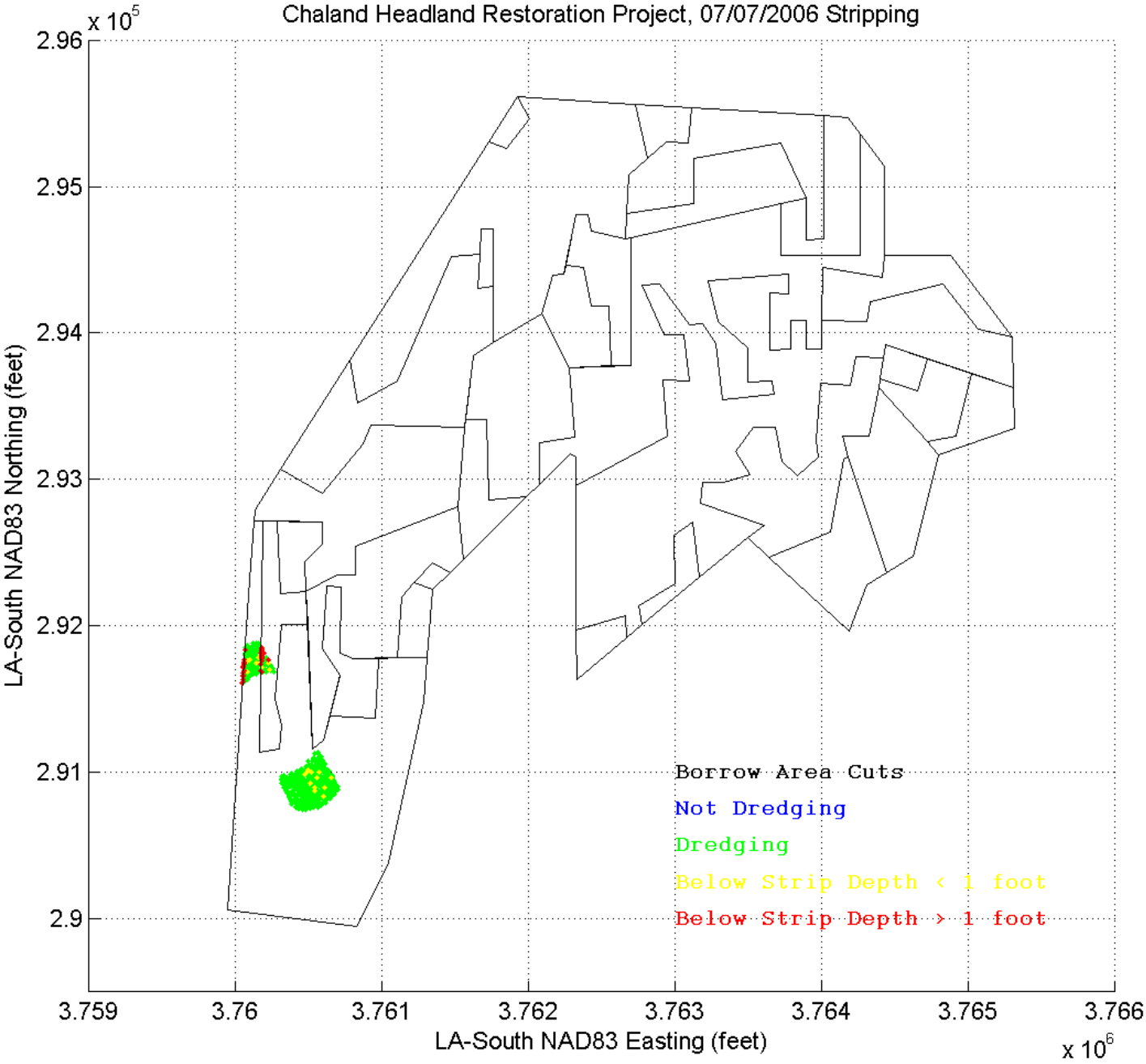
Bulldozer moving dredge pipe from the marsh to the dune crest.

Loader moving dredge pipe from the dune crest to Station 31+00 Range -0+25.

View to the south from Station 57+00 Range -10+00.

View to the west-southwest from Station 57+00 Range -10+00.

View to the west-northwest from Station 57+00 Range -10+00.


Chaland Headland Restoration Project, 07/07/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 9, 2006 | OBSERVATION REPORT NO: 106
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 236
ARRIVAL TIME: 12:30 DEPARTURE TIME: 15:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 1'-2'
WIND SPEED AND DIRECTION: SE 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Equipment Maintenance
OUTFALL LOCATION: Station 29+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments:
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No — Observation #1
    Type:
14. Are the borrow area buoys in place and working properly? — Yes
15. Is dredging occurring outside of the borrow area limits? — N/A

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Are grade stakes in place for the fill location? — N/A
18. Has debris been removed prior to placement of fill? — N/A
19. Has a representative sand sample been collected? — N/A
    Location:
20. Has a discharge sample been collected? — N/A
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — N/A
    Measurement:
23. Are escarpments being leveled? — N/A
24. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:
25. Is an acceptance survey for a completed section being conducted today? — N/A
    Location:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 9, 2006 OBSERVATION REPORT NO: 106

26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Equipment Maintenance		Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The outfall was located at Station 29+00 Range -0+25 and pointed west. No sand or marsh fill was discharged. See discussion item #1.

2. WMI equipment operators inspected their machinery and maintained as needed.

3. The Tom James cutterhead excavated approximately 0.1 feet below the required overburden removal cut depth; the Tom James did not excavate below the permitted dredge depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

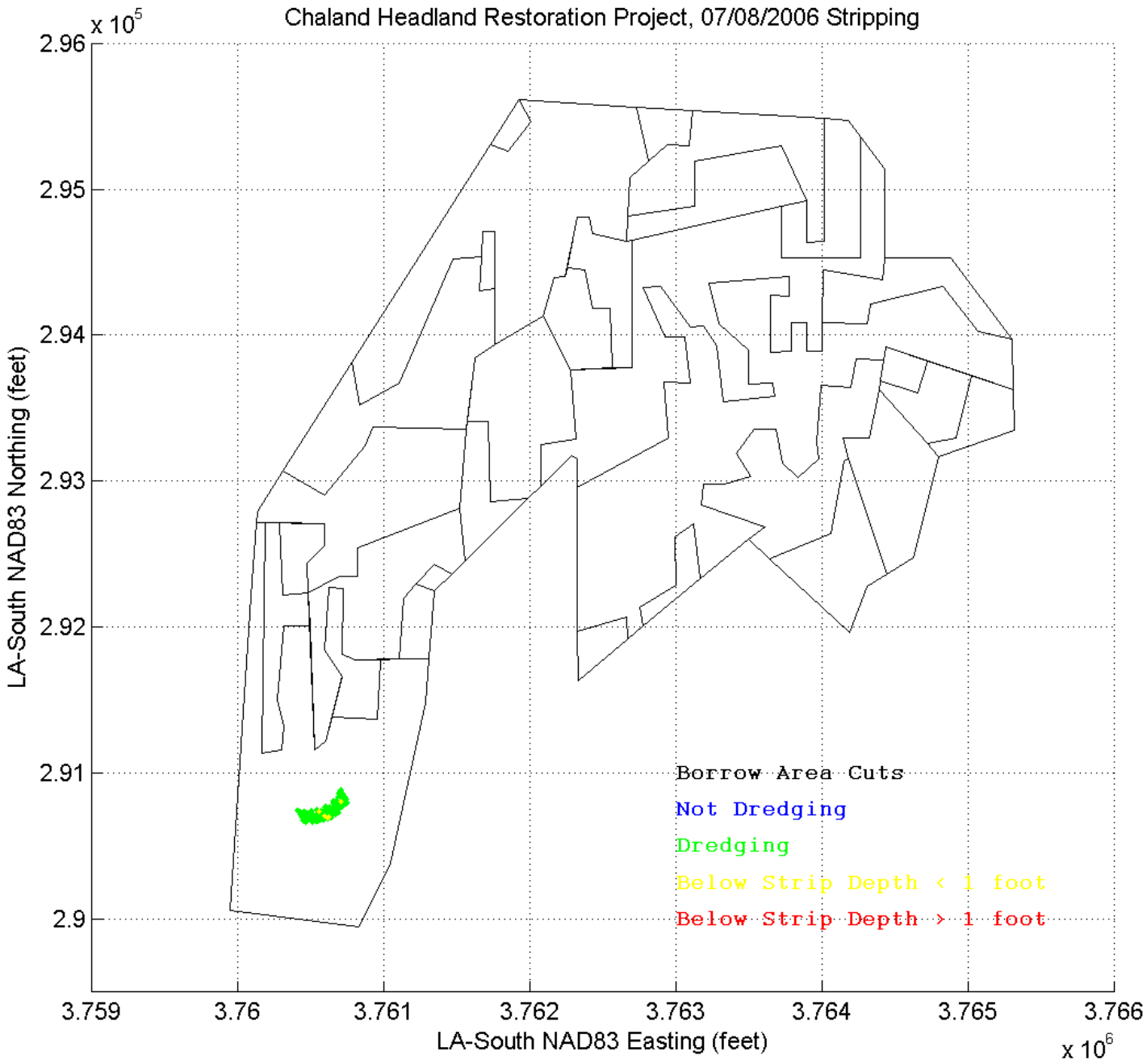
1. I spoke with Paul Stewart (WMI) about the dredge status. Paul stated that all of the parts necessary to fix the Tom James are at Grand Isle and the Tom James is in the process of being repaired. Paul said that pumping should resume tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Outfall at Station 29+00 Range -0+25 looking west.

Gulf of Mexico wave conditions near Station 29+00.


Chaland Headland Restoration Project, 07/08/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 10, 2006 | OBSERVATION REPORT NO: 107
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 237
ARRIVAL TIME: 8:00 | DEPARTURE TIME: 9:00
15:30 | 17:30
19:00 | 20:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 1'-2'
WIND SPEED AND DIRECTION: SE 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Station 29+00
NORTH CONTAINMENT DIKE LOCATION: Station 27+00
SOUTH CONTAINMENT DIKE LOCATION: Station 28+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the report.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation #1
	Location:		
20.	Has a discharge sample been collected?	No	Observation #1
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	Yes	Observation #4
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 10, 2006 OBSERVATION REPORT NO: 107

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 29+00 Range -0+25 and pointed west. The slurry traveled south into the Gulf of Mexico where a localized turbidity plume was observed. No western fill advance was achieved. A sand sample was not collected as no observable fill was placed on the beach. A discharge sample was not collected as a consistent slurry discharge was not achieved during the observation.

2. A bulldozer built a containment dike east of the outfall along Station 29+20. The elevation of the east containment dike was 6 feet NAVD between Range 2+05 and Range -0+25. The elevation of the east containment dike was 9 feet NAVD between Range -0+25 and Range -1+75.

3. A bulldozer built a containment dike along the Gulf of Mexico low-tide waterline at Range 2+05. The elevation of the south containment dike was 4 feet NAVD between Station 29+20 and Station 28+00.

4. The escarpments between Station 29+20 and Station 28+00 have been leveled. The elevation of the dune linearly increases from approximately 2 feet NAVD at Range 1+05 to approximately 6 feet NAVD at Range -1+75 between Station 29+20 and Station 28+00.

5. a) Survey inconsistencies were found in the 7/9 WMI Daily Quality Control Report (DQCR). Item #2, result of surveillance, states that the dredge depths were checked and were not exceeded (see attached swing file). A swing file was not provided and dredge depths could not be exceeded as the dredge did not operate on 7/9.

   b) Heavy equipment operating inconsistencies were found in the 7/9 WMI DQCR. Item #1, work performed, states that marsh buggy 878 was on stand by while item #3, equipment data, states that marsh buggy 878 was operating.

   c) Work performed inconsistencies were found in the 7/9 WMI DQCR. Item #4, daily patrol for protected birds, states that heavy equipment was active between 7:45 and 8:30 while item #1, work performed, and item #3, equipment data, state that the heavy equipment was idle.

   d) The 7/9 WMI DQCR item #4, verbal instructions received, was left blank and makes the report appear incomplete.

   e) The 7/9 WMI DQCR items #9, #10, and #12 are inconsistent with the dredge activities performed. Avoidance of overdredging, borrow area buoy checks, and survey checks are not applicable as the dredge was at Grand Isle being repaired.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 10, 2006 OBSERVATION REPORT NO: 107

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Jason Manthey (NOAA) about the WMI Daily Quality Control Reports (DQCR). Jason stated that he plans on retaining 10 percent of the WMI payment until successive WMI DQCR are completed per professional standards.

2. I spoke with Jason Manthey (NOAA) about the WMI Daily Dredge Reports (DDR) for the month of June. Jason stated that he has not received a master copy of the June WMI DDR. I stated that I would speak with DJ Johnston (WMI) about the master copy. I was unable to speak with DJ about the WMI DDR on this day.

3. I spoke with Jason Manthey (NOAA) and Brian Kendrick (KE) about the marsh settlement. I reiterated the heavy equipment dewatering assistance plans which Gary Johnson (WMI) mentioned when I last spoke with him about the marsh settlement. Jason and Brian were both concerned about tracks created when using heavy equipment to assist in settling the placed marsh fill. Brian stated that the tracks in the marsh created by heavy equipment should be minimized.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Outfall at Station 29+00 Range -0+25 looking west.

Bulldozer building the east containment dike at Station 29+20. Range 2+05.

Gulf of Mexico wave conditions near Station 29+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 11, 2006 | OBSERVATION REPORT NO: 108
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 238
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 11:30
15:30 | 17:30
19:30 | 20:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: E 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Station 29+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: Station 27+00, Station 26+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 27+00, Station 24+00, Station 23+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the report.		Observation #9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #7
	Location: CH014, Sta. 29+00 Ra. 1+05 (N29.3121° W89.7092°), 16:30		
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	Yes	Observation #4
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 11, 2006 OBSERVATION REPORT NO: 108

25.	Is an acceptance survey for a completed section being conducted today?	N/A	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Check survey between Station 28+00 and Station 23+00.		Discussion #1
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. During the 9:30 observation sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 29+00 Range -0+25 and pointed west. The slurry traveled southwest to the western extent of the south containment dike near Station 27+00 where it entered the Gulf of Mexico; a localized turbidity plume was observed in the Gulf of Mexico near Station 27+00. The beach fill extended to Station 27+00 where the elevation was approximately 2 feet NAVD. A bulldozer was building the south containment dike near Station 29+20 to an elevation of approximately 5 feet NAVD.

2. During the 15:30 observation sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 29+00 Range -0+25 and pointed west. The slurry traveled south to the south containment dike where it then traveled along the south containment dike to Station 26+00. Near Station 26+00 the slurry traveled west in a containment channel to the extent of the beach fill near Station 24+00 where it entered the Gulf of Mexico; a localized turbidity plume was observed in the Gulf of Mexico near Station 24+00. The elevation of the beach fill was approximately 2 feet NAVD near Station 24+00 and increased to approximately 4 feet NAVD near Station 29+00. Two bulldozers were building the south containment dike near Station 24+00 to an elevation of approximately 5 feet NAVD. The east containment dike along Station 29+20 has a crest elevation of approximately 6 feet NAVD between Range 2+05 and Range -1+75.

3. A marsh buggy drove on the marsh fill material near Station 32+00 Range -5+00.

4. The escarpments between Station 29+20 and Station 21+50 have been leveled. The elevation of the dune linearly increases from approximately 2 feet NAVD at Range 1+00 to approximately 6 feet NAVD at Range -1+80 between Station 27+00 and Station 21+50. The beach fill on the landward slope of the dune between the landward dune crest and the seaward extent of the marsh is to grade between Station 29+20 and Station 21+50.

5. The marsh has settled approximately 0.5 feet between Station 9+84 and Station 17+00.

6. A sample of the discharge from the outfall was taken at 16:05 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 45-minute marks. The discharge sample suggested that the silt in the discharge was similar to that observed on 6/15.

7. Sand sample CH014 was taken at Station 29+00 Range 1+00 (N29.3121° W89.7092°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

8. A pile of dead vegetation and non-treated wood was burning near Station 66+00 Range -0+10. The burn appeared to be under control with little resultant light gray smoke.

DATE: July 11, 2006 OBSERVATION REPORT NO: 108

9. a) Equipment operating inconsistencies were found in the 7/10 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that the Tom James started dredging at 15:30 while item #3, equipment data, states that Tom James was down for repairs.

   b) The 7/9 WMI DQCR item #4, verbal instructions received, was left blank and makes the report appear incomplete.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with DJ Johnston (WMI) about the day's survey activities. DJ stated that check surveys were performed south of the south containment dike between Station 28+00 and Station 23+00.

2. I spoke with DJ Johnston (WMI) about the WMI Daily Dredge Reports (DDR). I stated that both Jason Manthey (NOAA) and I would like a master copy of the Daily Dredge Reports for the month of June. DJ stated that he will provide a master copy of the WMI DDR tomorrow.

3. I spoke with Gary Johnson (WMI) about the new Mule that was expected to be on site early this week. Gary stated that the Mule should arrive tomorrow morning. I asked Gary when the old Mule would be repaired. Gary said that the mechanic is expected to arrive tomorrow and will begin working on the Mule when he arrives.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Outfall at Station 29+00 Range -0+25 looking west.

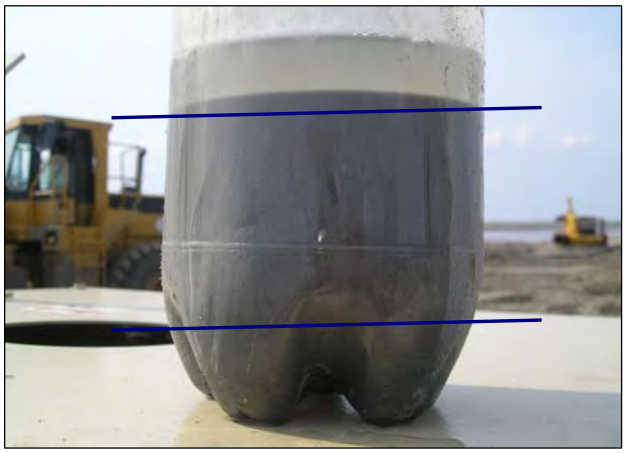
Marsh buggy on the marsh fill near Station 32+00 Range -5+00.

Bulldozer building the beach fill containment dike.

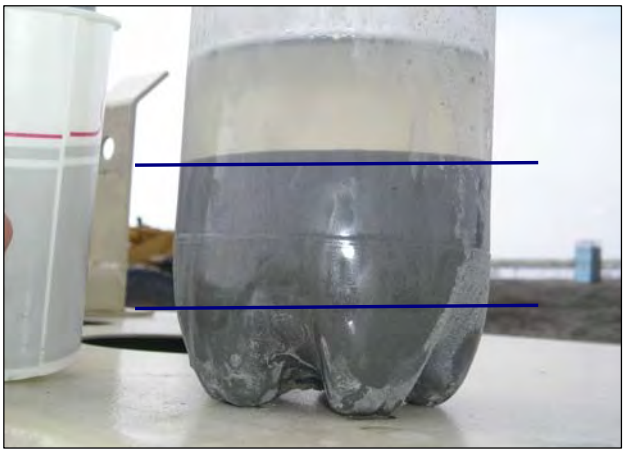
Gulf of Mexico Wave conditions near Station 29+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

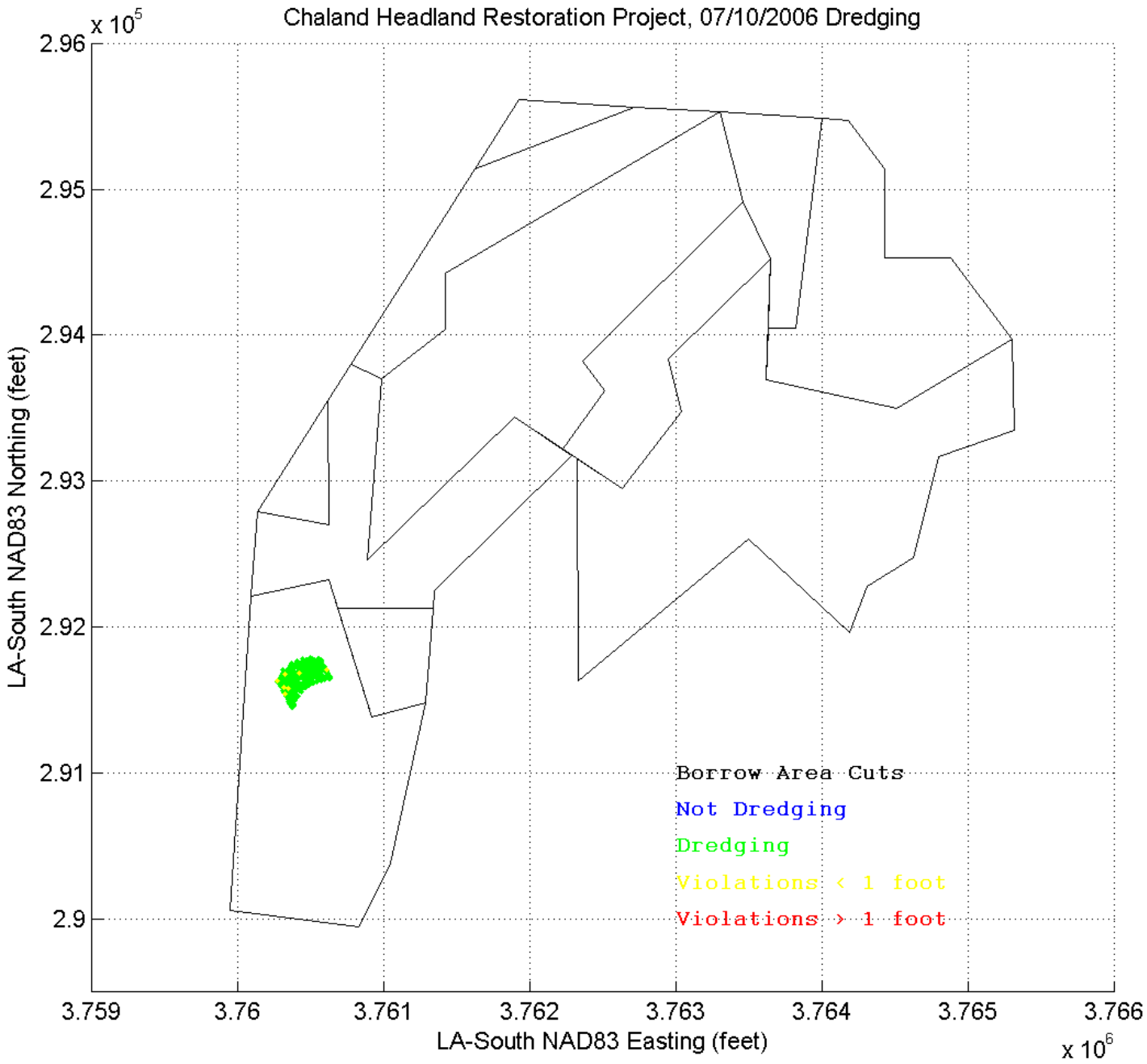
DATE: July 11, 2006 OBSERVATION REPORT NO: 108



Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 45 minutes. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 07/10/2006 Dredging
x 10^5
2.96
2.95
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2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 12, 2006 | OBSERVATION REPORT NO: 109
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 239
ARRIVAL TIME: 15:30 DEPARTURE TIME: 17:45

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SSE 0'-1'
WIND SPEED AND DIRECTION: S 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Station 29+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: Station 23+00
OTHER CONTAINMENT DIKE LOCATION: Station 28+00
BEACH FILL AREA EXTENT LOCATION: Station 16+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Tom James operation status inconsistencies.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	
9.	Was any staking and layout performed today?	Yes	
	Location: Seaward dune slope between Station 29+20 and Station 7+42.		Discussion #1

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #2
	Location: CH015, Sta. 28+00 Ra. -1+25 (N29.3128° W89.7762°), 17:15		
20.	Has a discharge sample been collected?	Yes	Observation #3
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 12, 2006 OBSERVATION REPORT NO: 109

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach using a 90° dredge pipe elbow that was pointed upwards. The outfall was located at Station 29+00 Range -0+25 and pointed west. The slurry flowed west along the north side of the center containment dike. At the western extent of the center containment dike, near Station 28+00, the slurry entered a flow channel at Range -1+00 and continued to flow west. Near Station 23+00 the slurry turned southwest and entered the Gulf of Mexico near Station 20+00 Range 3+00; a localized turbidity plume was observed in the Gulf of Mexico near Station 20+00. The beach fill extended to Station 16+00. The elevation of the beach fill was approximately 2 feet NAVD near Station 16+00 and increased to approximately 4 feet NAVD near Station 29+00. The center containment dike at Range 0+00 has a crest elevation of approximately 6 feet NAVD between Station 29+20 and Station 28+00. The south containment dike extends to Station 23+00 and has a crest elevation of approximately 5 feet NAVD.

2. Sand sample CH014 was taken at Station 28+00 Range -1+25 (N29.3128° W89.7762°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

3. A sample of the discharge from the outfall was taken at 16:30 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 30-minute and 1 hour marks. The discharge sample suggested that the silt in the discharge was similar to that observed on 7/11.

4. The Tom James dredged outside the horizontal limits of the borrow area between 16:49 and 23:51; the cutterhead extended a maximum of approximately 10 feet beyond the horizontal limits of the borrow area.

5. The new Mule arrived today and was operating on the beach.

6. a) Tom James operating inconsistencies were observed within the WMI Daily Quality Control Report (DQCR). Item #1, work performed, and item #6, dredge status, both state that the Tom James was operating while item #3, equipment data, states that the Tom James was down for repairs.

   b) The WMI DQCR item #4, verbal instructions received, was left blank and makes the report appear incomplete.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with DJ Johnston (WMI) about the day's survey activities. DJ stated that intermediate beach grade stakes were placed on the seaward slope of the dune between Station 29+20 and Station 7+42.

2. I spoke with DJ Johnston (WMI) about master copies of the WMI Daily Quality Control Reports (DQCR) and Daily Dredge Reports (DDR). DJ submitted master copies of both the WMI DQCR and the WMI DDR in Microsoft Excel format.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 12, 2006 OBSERVATION REPORT NO: 109

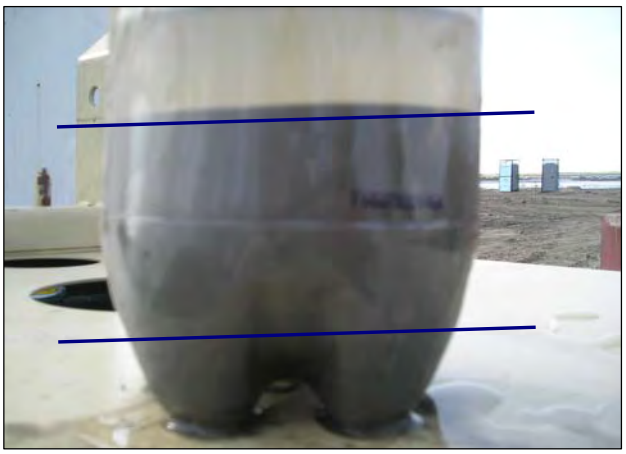
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

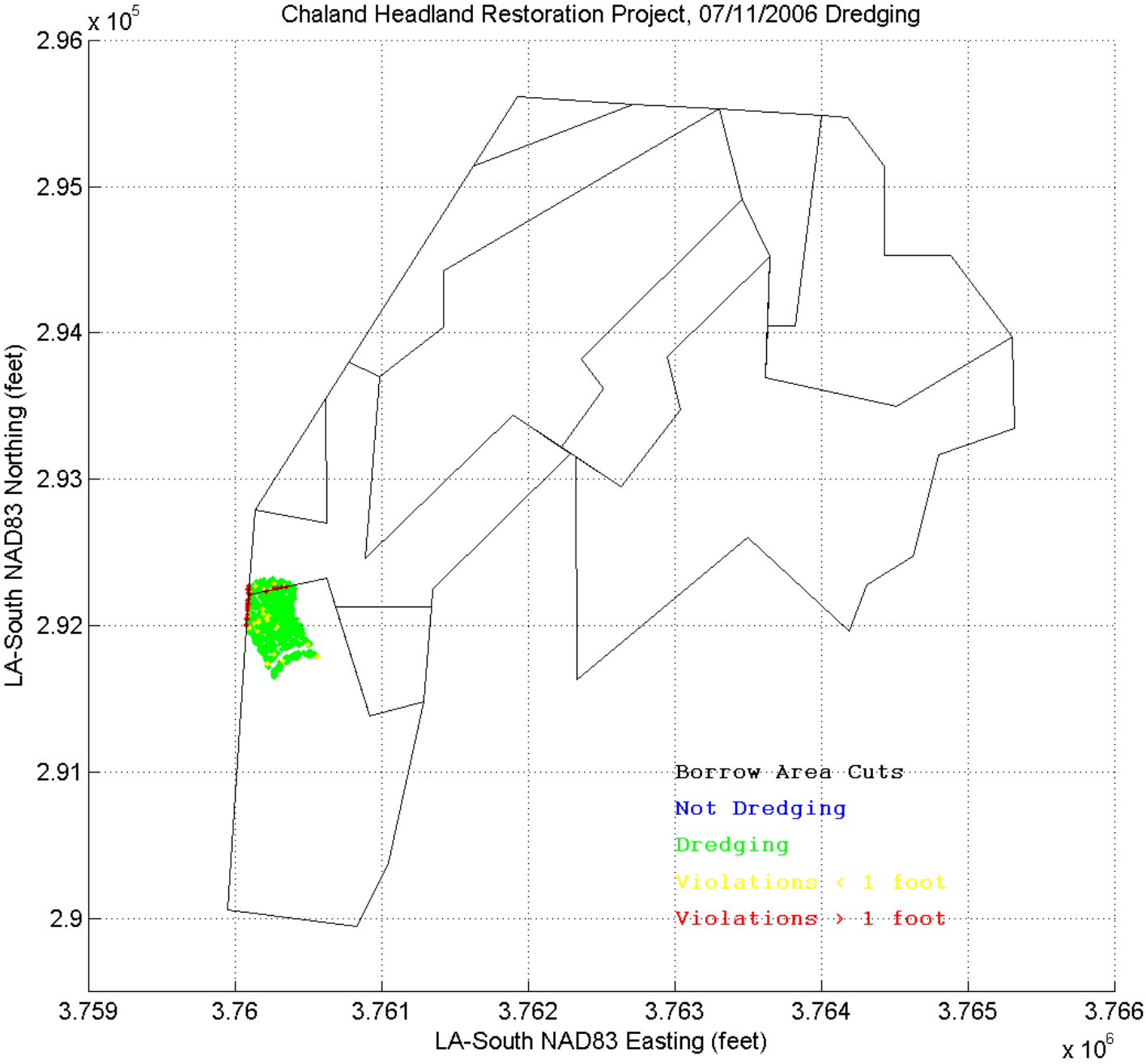
Outfall at Station 29+00 Range -0+25 looking west.

Gulf of Mexico wave conditions near Station 29+00.

Discharge sample after settling for 30 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 07/11/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 13, 2006 | OBSERVATION REPORT NO: 110
OBSERVER: Jonathan Rager | CONTRACT DAY: 240
ARRIVAL TIME: 9:15 | DEPARTURE TIME: 11:00
16:00 | 17:30

WEATHER CONDITIONS: Sunny
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: ESE 5-10 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Station 29+00
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: Station 17+45
OTHER CONTAINMENT DIKE LOCATION: Station 29+20
BEACH FILL AREA EXTENT LOCATION: Station 16+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	Discussion #1
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #2
	Location: CH016, Sta. 26+70 (N29.3121° W89.7765°), 16:50		
20.	Has a discharge sample been collected?	Yes	Observation #3
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 13, 2006 OBSERVATION REPORT NO: 110

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from two pipes simultaneously using 90° dredge pipe elbows pointed upwards. The outfall was located at Station 29+00 pointed west with a Y-valve at Station 28+00 to split the discharge pipe. At 17:00 the southern containment dike was at Sta. 17+45 and the north containment dike extended the entire beach. The beach fill extends to approximately Sta. 16+00.

2. Sand sample CH016 was taken at Station 26+70 (N29.3121° W89.7765°) at 16:50. The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

3. A sample of the discharge from the outfall was taken at 16:30 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 50 minute marks. No visible silt/sand layer could be observed, but when emptying the sample, a sand layer was found.

4. During the site observation with the project team, it was observed that the fill area between Station 61+00 and Station 63+00 appeared to have a high silt content within the beach fill area. This observation was discussed during the bi-weekly meeting with Gary Johnson (WMI) stating that the material that had built up there would likely be swept away when the beach is pumped in that area.

4. Jason Manthey (NOAA), Brian Kendrick (KE), Jonathan Rager (CPE), Rachel Sweeney (NOAA), Gordon Thomson (CPE), and Patrick Williams (NOAA) arrive on site today at 08:45.

5. Jason Manthey (NOAA), Brian Kendrick (KE), Rachel Sweeney (NOAA), Gordon Thomson (CPE), Patrick Williams (NOAA), and Andrew Wycklendt (CPE) departed the site at 15:30.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Eric (WMI Surveyor) stated that the radio signal device for the surveying equipment was broken today. He plans to go to shore and replace it tomorrow.

2. Gary Johnson (WMI) stated that pumping beach fill would continue for at least seven days.

3. Concerns about the Canal Closed signs meeting design specifications and other codes were raised by Jason Manthey (NOAA). I will compare the signs' actual construction dimensions to the design's.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 13, 2006 OBSERVATION REPORT NO: 110

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

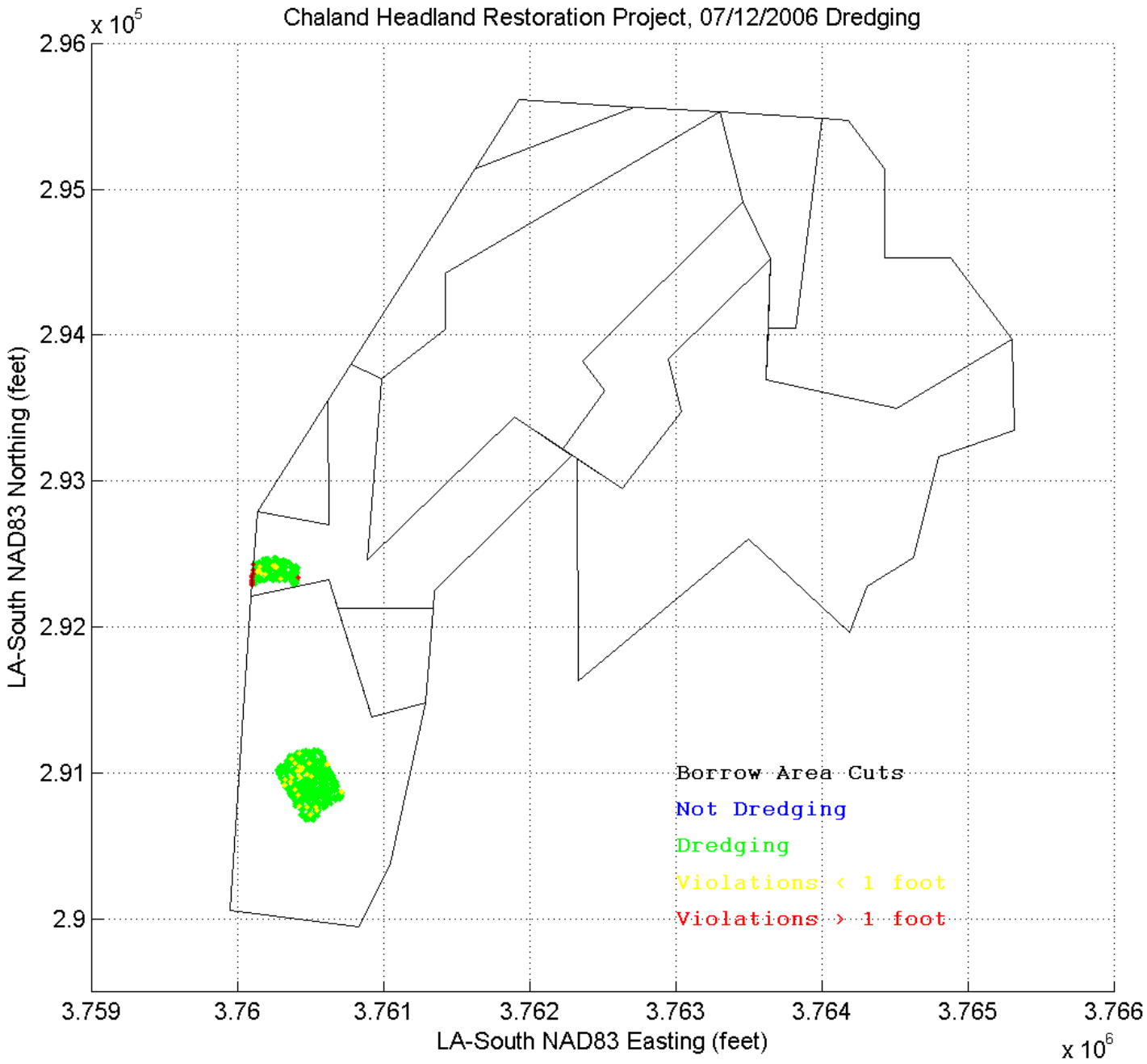
Outfall at Station 29+00 Range -0+25 looking southwest.

Gulf of Mexico wave conditions near Station 101+80.

Discharge sample after settling for 15 minutes. There is no defined sand layer.

Discharge sample after settling for 50 minutes. The red line marks the sand layer found after decantation.

Fill area at Sta. 58+23. Material behind the red line is the possible high silt area within the beach fill.


Chaland Headland Restoration Project, 07/12/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 14, 2006 | OBSERVATION REPORT NO: 111
OBSERVER: Jonathan Rager | CONTRACT DAY: 241
ARRIVAL TIME: 8:30 | DEPARTURE TIME: 10:30
13:15 | 15:00
16:15 | 17:20

WEATHER CONDITIONS:	Sunny to Rain
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	ESE 5-10 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Beach Fill
OUTFALL LOCATION:	Station 29+00
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	Station 14+20
OTHER CONTAINMENT DIKE LOCATION:	Station 29+20
BEACH FILL AREA EXTENT LOCATION:	Station 14+00
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	Yes	
9.	Was any staking and layout performed today?	No	Discussion #1
	Location:		
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #4
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #2
	Location: CH017, Sta. 25+90 (N29.3122° W89.7768°), 10:00		
20.	Has a discharge sample been collected?	Yes	Observation #3
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 14, 2006 OBSERVATION REPORT NO: 111

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from two pipes simultaneously using 90° dredge pipe elbows pointed upwards. The outfall was located at Station 29+00 pointed west with a Y-valve at Station 28+00 to split the discharge pipe. At 17:00 the southern containment dike was at Sta. 14+20 and the north containment dike extended the entire beach. The beach fill extends to approximately Sta. 14+00.

2. Sand sample CH017 was taken at Station 25+90 (N29.3122° W89.7768°) at 10:00. The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

3. A sample of the discharge from the outfall was taken at 09:10 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 5 hour marks. The discharge sample suggested that the silt in the discharge was similar to that observed on 7/11.

4. The Tom James dredged outside the horizontal limits of the borrow area sporadically between 20:00 and 24:00 on 7/13. The cutterhead extended on the average 3.5 feet past the horizontal limits of the borrow area with a maximum violation of 10.8 feet.

5. All of the canal closure signs were checked for compliance with the design specifications as per DWG DE-2 (Sheet 32). All of the posts have 3 reflective bands with the sign at least 6' from 0' NAVD. The sign at Station 55+00 does not have 17" between the sign and the reflective tape. Only the bottom bolt on the sign at Station 5+00 has a rubber washer, whereas all of the others are steel.

6. A diesel tank at the access road landing (Station 77+60) has collected rainwater in its external tank. This rainwater has mixed with diesel and oil residuals and is leaking onto the ground from a hole in the external tank.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. No surveying work was done today. Eric (WMI Surveyor) brought the replacement radio signal device for the surveying equipment today at 18:30.

2. Gary Johnson (WMI) stated that pumping beach fill would continue for at least six days.

3. Gary Johnson (WMI) stated that the marsh buggy was crawling around in the marsh fill area between Station 6+00 and Station 29+00 is compressing the marsh fill and force it to de-water.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 14, 2006 OBSERVATION REPORT NO: 111

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Outfall at Station 29+00 looking southwest.

Gulf of Mexico wave conditions near Station 101+80.

Discharge sample after settling for 15 minutes. The red lines are used to show sand, silt, and water interfaces.

Discharge sample after settling for 5 hours. The red lines are used to show sand, silt, and water interfaces.

Marsh buggy working to compress marsh fill and force dewatering near Station 27+00.

View of fill area looking west from Station 15+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: July 14, 2006 OBSERVATION REPORT NO: 111

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

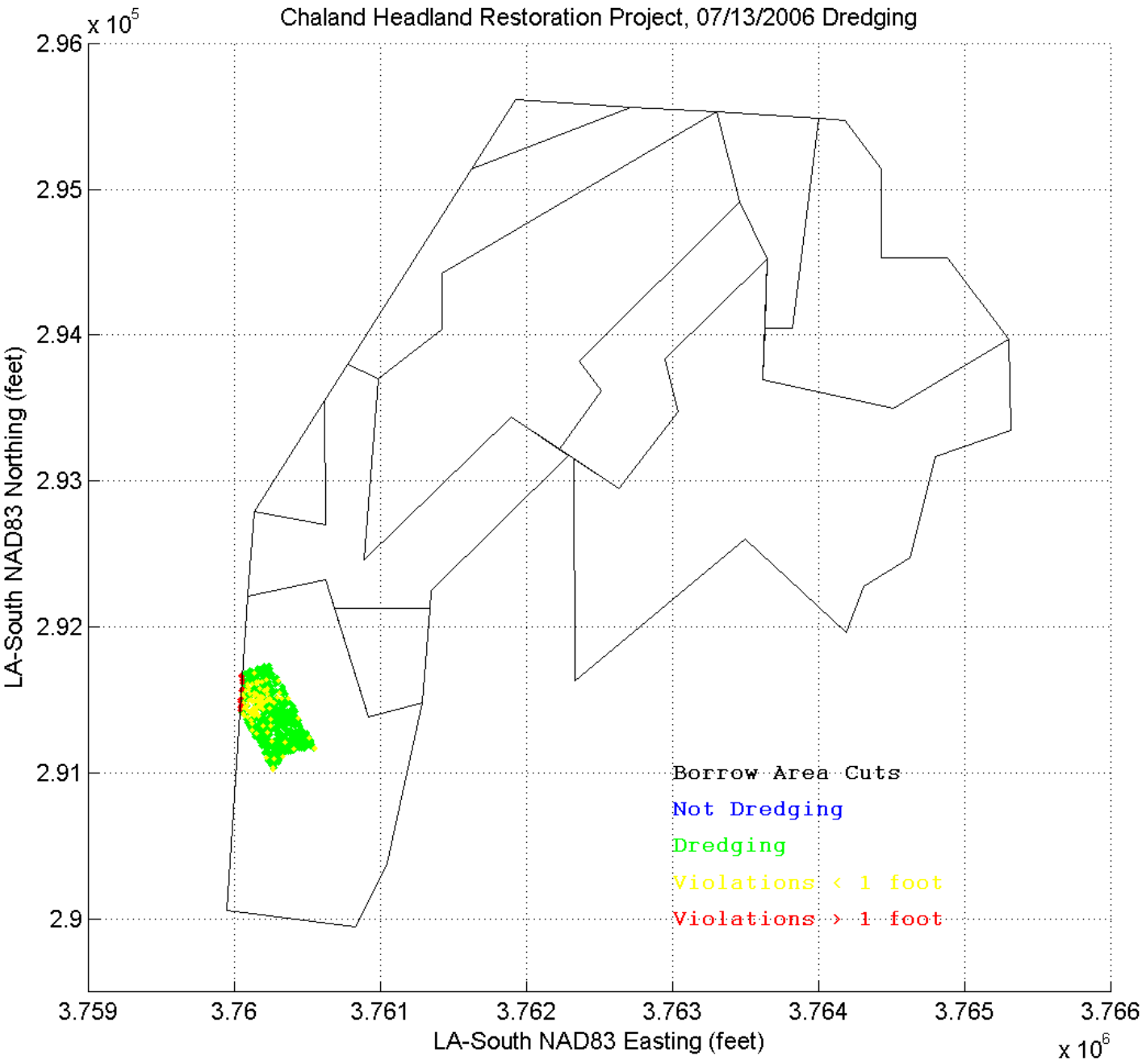
1. No.

Canal closure sign at Station 6+00 with the only rubber washer of the five signs.

Canal closure sign at Station 55+00 with incorrect spacing between reflective stripes and bottom of sign.

Diesel tank at access road landing (Station 77+60) that has collected rainwater

Hole in outer tank of diesel tank leaking rainwater mixed with petrochemicals.


Chaland Headland Restoration Project, 07/13/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 15, 2006 | OBSERVATION REPORT NO: 112
OBSERVER: Jonathan Rager | CONTRACT DAY: 242
ARRIVAL TIME: 9:15 | DEPARTURE TIME: 11:00
12:15 | 13:20
15:30 | 16:30

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	S 1'-2'
WIND SPEED AND DIRECTION:	ESE 5-10 mph
TEMPERATURE:	85°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
OUTFALL LOCATION:	Station 28+30 & Station 27+30
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	Station 8+00
OTHER CONTAINMENT DIKE LOCATION:	Station 28+50
BEACH FILL AREA EXTENT LOCATION:	Station 8+00
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #2
	Location: CH018, Sta. 23+35 (N29.3131° W89.7776°), 10:15		
20.	Has a discharge sample been collected?	Yes	Observation #3
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 15, 2006 OBSERVATION REPORT NO: 112

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from two pipes simultaneously using 90° dredge pipe elbows pointed upwards. The southern outfall was located at Station 27+30 and the northern outfall at Station 28+30. Each pointed west with the Y-valve at Station 28+00 to split the discharge pipe. At 16:00 the southern containment dike was at Sta. 8+00 and the north containment dike extended the entire beach. The beach fill extends to approximately Sta. 8+00.

2. Sand sample CH018 was taken at Station 23+35 (N29.3131° W89.7776°) at 10:15. The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

3. A sample of the discharge from the outfall was taken at 09:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. The discharge sample suggested that there was more silt in the discharge than observed on 7/11.

4. The Tom James dredged outside the horizontal limits of the borrow area between 02:17 and 02:30 on 7/14. The cutterhead extended on the average 6.1 feet past the horizontal limits of the borrow area with a maximum violation of 7.5 feet.

5. A marsh buggy was seen in the marsh area attempting to force the material to compress and dewater. I am as yet unable to tell if this method is working to lower the marsh fill's elevation.

6. A large number of clay balls were seen on the bank of the northern containment dike at Station 8+00.

7. A large amount of silty mud was observed on the north side of the containment dike near Station 8+00. The picture shows one of these collections that is approximately 200' long, 20' wide, and 3/2" thick before hitting a sand layer.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI surveyors stated that they were attempting to check the progress of the beach fill this morning.

2. Gary Johnson (WMI) stated that pumping beach fill would continue for at least five days.

3. Gary Johnson (WMI) stated that the material is not accumulating and is running out to sea despite a 2000' containment dike. He plans on changing outfall direction to east tomorrow (7/16) morning.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

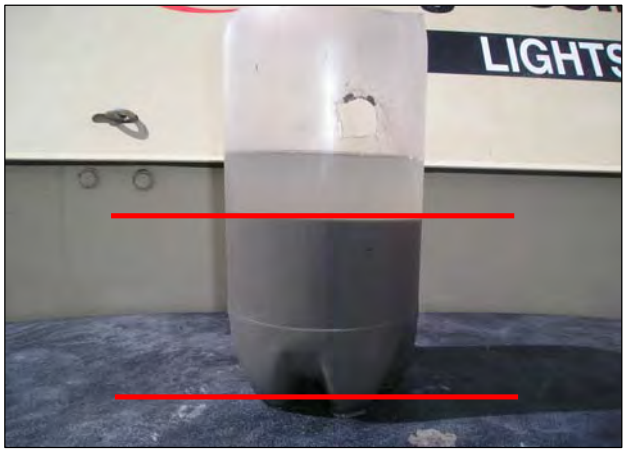
DATE: July 15, 2006 OBSERVATION REPORT NO: 112

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

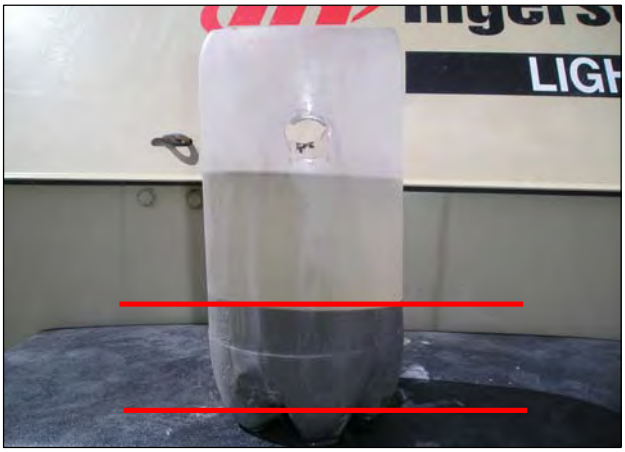
1. No.

Outfall at Station 28+30 & Station 27+30 looking southwest.

Gulf of Mexico wave conditions near Station 106+64.



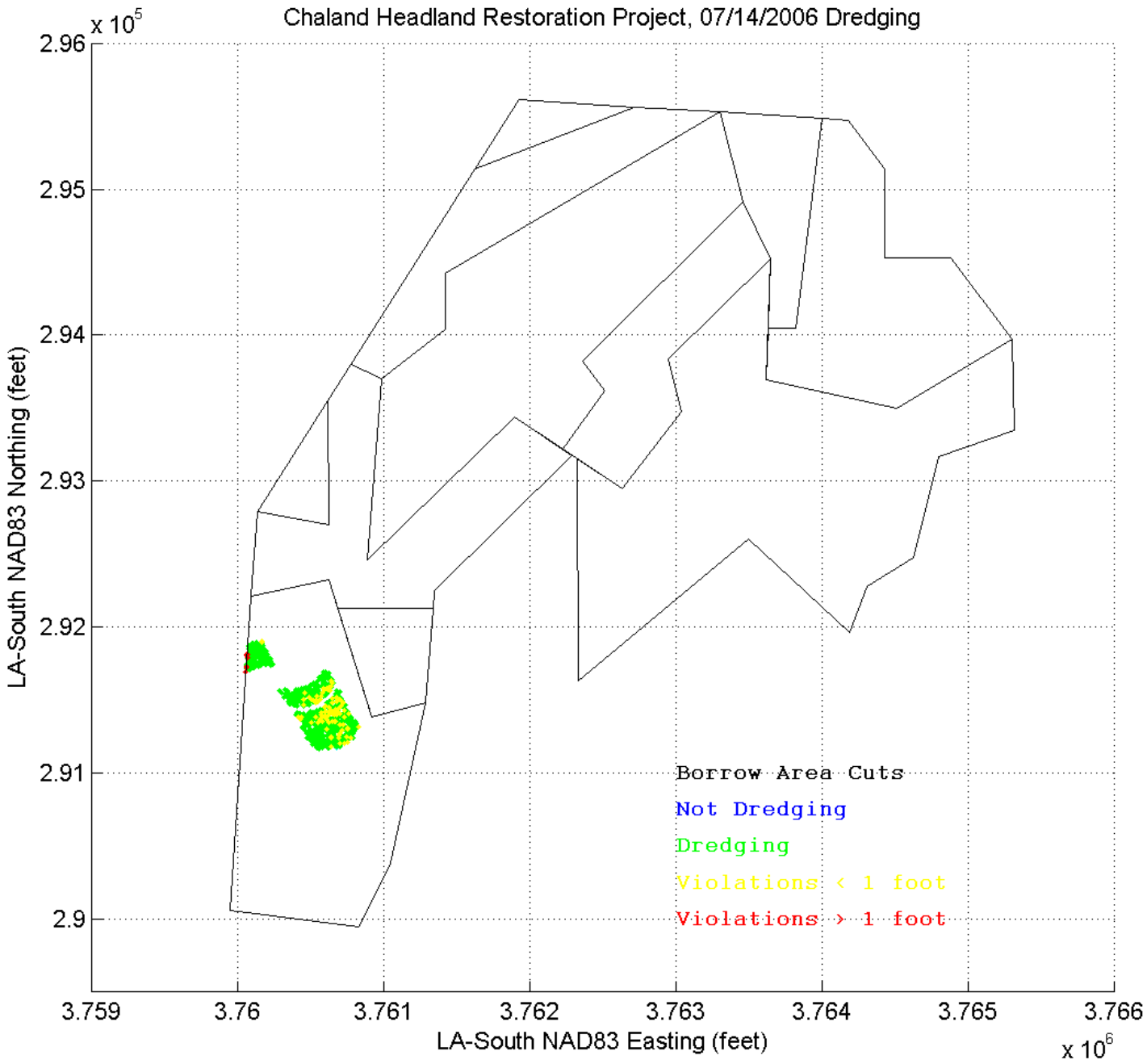
Discharge sample after settling for 15 minutes. The red lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 5 hours. The red lines are used to show sand, silt, and water interfaces.

Clay balls observed south of the northern containment dike near Station 8+00.

Hole dug to find thickness of mud layer just on the north side of the containment dike near Station 8+00.


Chaland Headland Restoration Project, 07/14/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 16, 2006 | OBSERVATION REPORT NO: 113
OBSERVER: Jonathan Rager | CONTRACT DAY: 243
ARRIVAL TIME: 9:10 | DEPARTURE TIME: 11:00
16:30 | 17:45

WEATHER CONDITIONS: Sunny to Rain
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: Calm
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Station 28+30 & Station 26+00, Station 30+80
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: Station 8+00
OTHER CONTAINMENT DIKE LOCATION: Station 28+50
BEACH FILL AREA EXTENT LOCATION: Station 8+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #3
	Location: CH019, Sta. 20+60 (N29.3132° W89.7786°), 10:30		
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 16, 2006 OBSERVATION REPORT NO: 113

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from two pipes simultaneously using 90° dredge pipe elbows pointed upwards. The southern outfall was located at Station 27+30 and the northern outfall at Station 28+30. Each pointed west with the Y-valve at Station 28+00 to split the discharge pipe. At 10:30 the southern containment dike was at Sta. 8+00 and the north containment dike extended the entire beach. The beach fill extends to approximately Sta. 8+00.

2. At 17:00 the sand was observed mushroom discharging to the beach using 90° dredge pipe elbows pointed upwards and flowing east. The two outfalls are at Station 38+60 with just the southern outfall discharging. This discharge is flowing directly into the Gulf of Mexico wihout a containment dike.

3. Sand sample CH019 was taken at Station 20+10 (N29.3132° W89.7778°) at 10:30. The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

4. A sample of the discharge from the outfall was taken at 09:35 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. The discharge sample suggested that there was more silt in the discharge than observed on 7/11.

5. A marsh buggy was seen in the marsh area attempting to force the material to compress and dewater.

6. The Tom James dredged outside the horizontal limits of the borrow area between 05:00 and 09:00 on 7/15 on the ends of swings. The cutterhead never extended more than 3.6 feet past the horizontal limits of the borrow area.

7. The beach fill has obtained a design beach elevation between Station 27+00 and Station 32+50. The beach between Station 27+00 and Station 5+00 has not reached the required grade.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Nate Johnson (WMI Surveyor) stated that they took profiles of the beach fill area on Friday (7/14).

2. Gary Johnson (WMI) stated that pumping beach fill would continue for at least four days.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 16, 2006 OBSERVATION REPORT NO: 113

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Outfall at Station 38+60 looking east.

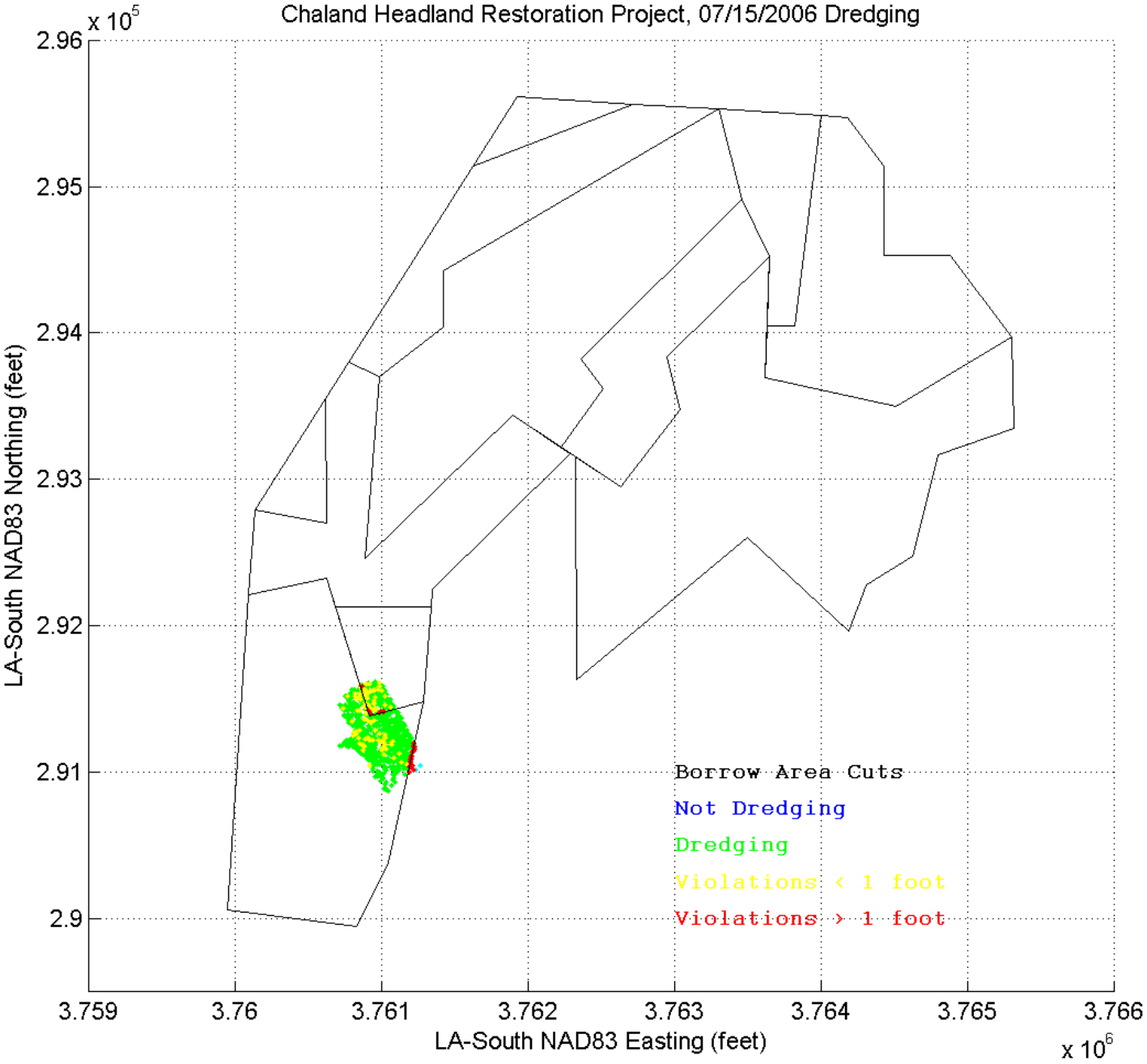
Gulf of Mexico wave conditions near Station 106+64.

Discharge sample after settling for 15 minutes. The red lines are used to show sand, silt, and water interfaces.

Discharge sample after settling for 1 hour. The red lines are used to show sand, silt, and water interfaces.

Outfall at Station 38+60 looking south discharging straight onto the beach.

Marsh buggy attempting to compress marsh fill near Station 24+00.


Chaland Headland Restoration Project, 07/15/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 17, 2006 | OBSERVATION REPORT NO: 114
OBSERVER: Jonathan Rager | CONTRACT DAY: 244
ARRIVAL TIME: 9:10 | DEPARTURE TIME: 11:00
16:30 | 19:00

WEATHER CONDITIONS: Sunny to Thunderstorms
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: NE 5-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Station 30+80
NORTH CONTAINMENT DIKE LOCATION: Station 58+00
SOUTH CONTAINMENT DIKE LOCATION: Station 47+50
OTHER CONTAINMENT DIKE LOCATION: Station 38+50
BEACH FILL AREA EXTENT LOCATION: Station 47+50
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #6
	Location: beach fill between Sta. 36+00 and Sta. 41+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #2
	Location: CH020, Sta. 32+60 (N29.3115° W89.7747°), 09:30		
20.	Has a discharge sample been collected?	Yes	Observation #3
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 17, 2006 OBSERVATION REPORT NO: 114

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from two pipes simultaneously using 90° dredge pipe elbows pointed upwards. The outfall was located at Station 38+60 pointed east with a Y-valve at Station 37+50 to split the discharge pipe. At 19:00 the southern containment dike was at Sta. 47+50 and the north containment dike extended to Station 58+00. The beach fill extends to approximately Sta. 47+50.

3. Sand sample CH020 was taken at Station 32+60 (N29.3115° W89.7747°) at 09:30. The Munsell color of the representative sand sample taken at this location was 5Y-5/1 (Gray) and had an approximate grain size of 0.1 mm.

3. A sample of the discharge from the outfall was taken at 17:15 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. The discharge sample suggested that the silt in the discharge was similar to that observed on 7/11.

4. I walked the former outfall area ranging from Station 30+00 to Station 4+00. For the most part, the material that sits on top of the beach fill is sand. 1' of fill is required at Station 23+00, 2' at Station 20+00, 3' at Station 17+30, and 4' at Station 12+00. With the tide level at +0.8' NAVD, the end of the fill was observed at Station 03+90.

5. Another containment dike system that spans to approximately Station 56+00 has been constructed north of where the outfall is currently running.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I asked Gary Johnson (WMI) for the profiles taken by the surveyors in the beach fill area between Station 8+00 and Station 29+00 across the past week. I then forwarded the data in XYZ format to Gordon Thomson (CPE).

2. Gary Johnson (WMI) stated that he is confident that all the specification required elements were installed on the canal closure signs. I relayed Gary's assertion to Jason Manthey (NOAA).

3. Gary Johnson (WMI) stated that they are going to change the outfall's direction and have it flow through the northern dike system tomorrow (7/18).

4. I spoke with a WMI longshoreman; he confirmed that the night buoys for the submerged line are working.

5. Gary Johnson (WMI) stated that pumping beach fill would continue for four to five more days.

6. Nate Johnson (WMI Surveyor) stated that the surveyors worked replacing missing stakes between Station 36+00 and Station 41+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

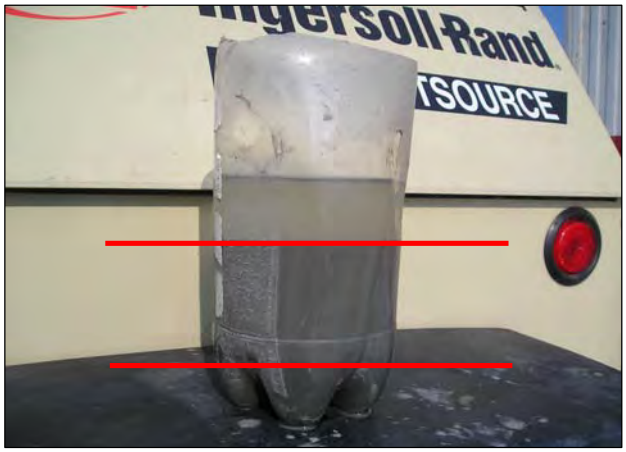
DATE: July 17, 2006 OBSERVATION REPORT NO: 114

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

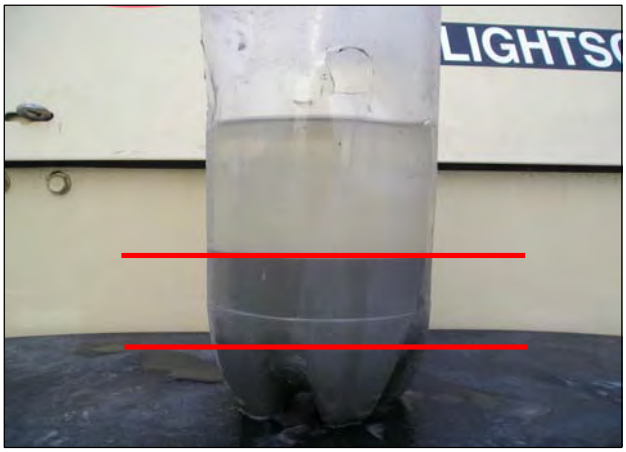
1. No.

Outfall at Station 38+60 looking southeast.

Gulf of Mexico wave conditions near Station 106+64.



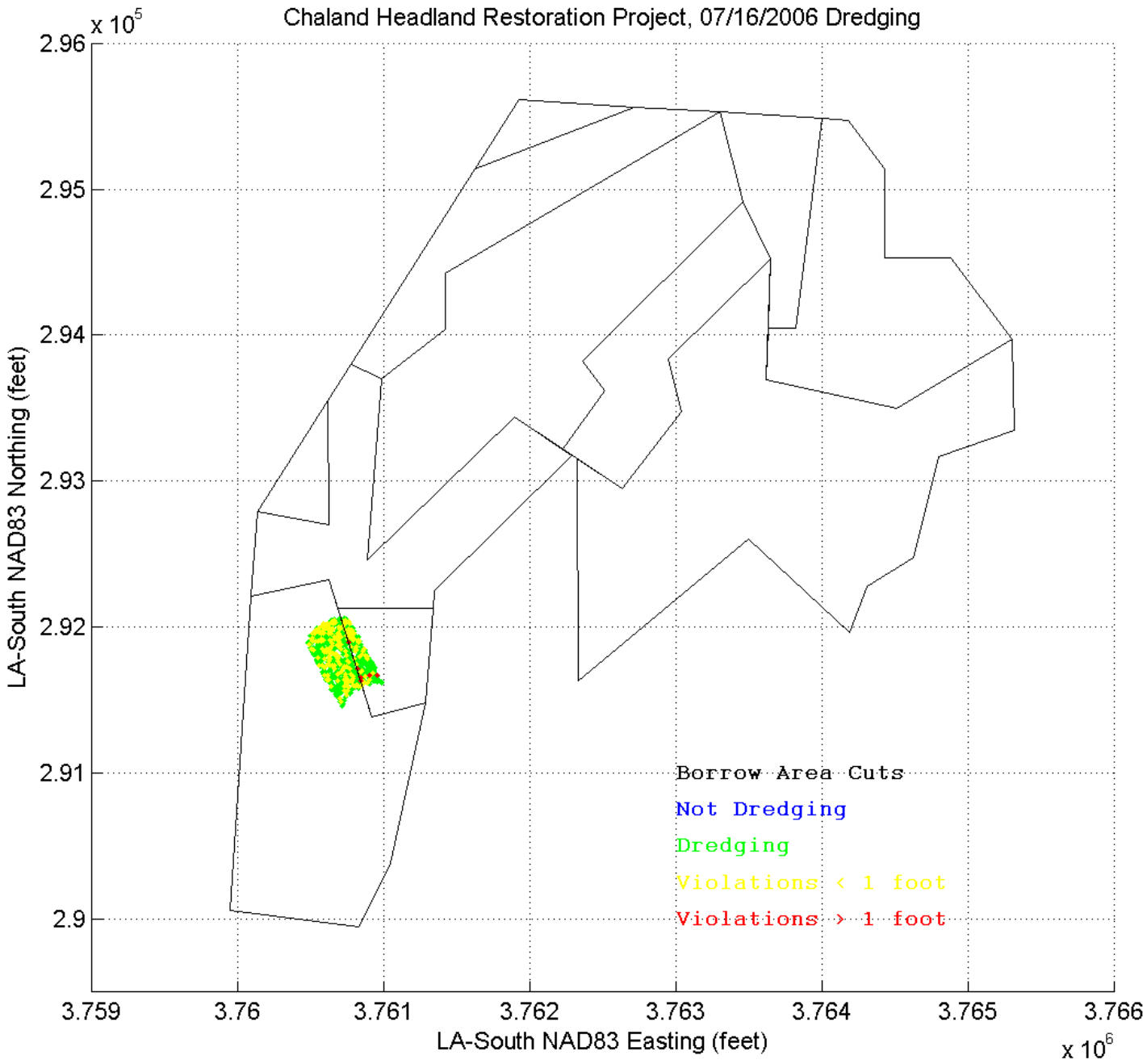
Discharge sample after settling for 15 minutes. The red lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The red lines are used to show sand, silt, and water interfaces.

Stakes placed by surveyors near Station 39+00 looking east.

Beach fill extends to Station 3+90 with water level at 0.8' NAVD.


Chaland Headland Restoration Project, 07/16/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 18, 2006 | OBSERVATION REPORT NO: 115
OBSERVER: Jonathan Rager | CONTRACT DAY: 245
ARRIVAL TIME: 8:15 | DEPARTURE TIME: 10:30
16:00 | 17:00

WEATHER CONDITIONS: Sunny
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: S 5-10 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Station 30+80
NORTH CONTAINMENT DIKE LOCATION: Station 51+80
SOUTH CONTAINMENT DIKE LOCATION: Station 40+10
OTHER CONTAINMENT DIKE LOCATION: Station 54+30
BEACH FILL AREA EXTENT LOCATION: Station 54+30
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #4
	Location: beach fill between Sta. 41+00 and Sta. 46+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #2
	Location: CH021, Sta. 29+80 (N29.3123° W89.7755°), 09:30		
20.	Has a discharge sample been collected?	Yes	Observation #3
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 18, 2006 OBSERVATION REPORT NO: 115

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from two pipes simultaneously using 90° dredge pipe elbows pointed upwards. The southern outfall and the northern outfall are located at Station 38+60. Both pointed east with the Y-valve at Station 37+80 to split the discharge pipe. Discharge ceased at approximately 10:50 to allow the Tom James to undergo repairs. At 16:30 the southern containment dike was at Station 40+10, the middle containment dike was at Station 54+30, and the north containment dike was at Station 51+40. The beach fill extends to approximately Station 54+30.

2. Sand sample CH021 was taken at Station 29+80 (N29.3123° W89.7755°) at 09:30. The Munsell color of the representative sand sample taken at this location was 5Y-5/1 (Gray) and had an approximate grain size of 0.1 mm.

3. A sample of the discharge from the outfall was taken at 08:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. The discharge sample suggested that there was more silt in the discharge than observed on 7/11.

4. The Tom James ceased dredging operations at approximately 10:50 and was then towed into Grand Isle for repairs.

5. At 10:00, the discharge was observed flowing more quickly than usual along the middle containment dike. This widened a breach in the containment dike at Station 43+10. The fast flow was eroding the previous fill and digging a small canyon in the beach fill from Station 40+00 to Station 43+10. At 16:30, the breach was still there, although the discharge flow had been shut off. See discussion #1.

6. There were 29 recorded instances where the Tom James dredged below the permitted depth. Most of these are concentrated at the dredge depth contour line at E3760683, N291131, where the dredge depth changes from -32' to -30' and from -32' to -29'.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I mentioned the fast flowing fill and the large cut it was making at Station 43+10 to Gary Johnson (WMI). He stated that he is aware of it and is building the seaward slope in that area.

2. Gary Johnson (WMI) stated that pumping beach fill would continue for four to five more days.

3. Frank Gill (WMI) stated that the exact breakdown cause is not known at this time, but he anticipates the repairs taking one day.

4. Nate Johnson (WMI Surveyor) stated that they staked the seaward slope and replaced any missing stakes between Station 41+00 to Station 46+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 18, 2006 OBSERVATION REPORT NO: 115

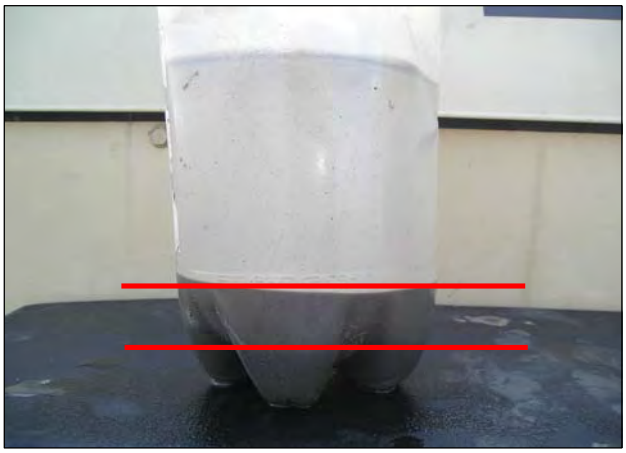
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Outfall at Station 38+60 looking east.

Gulf of Mexico wave conditions near Station 106+64.

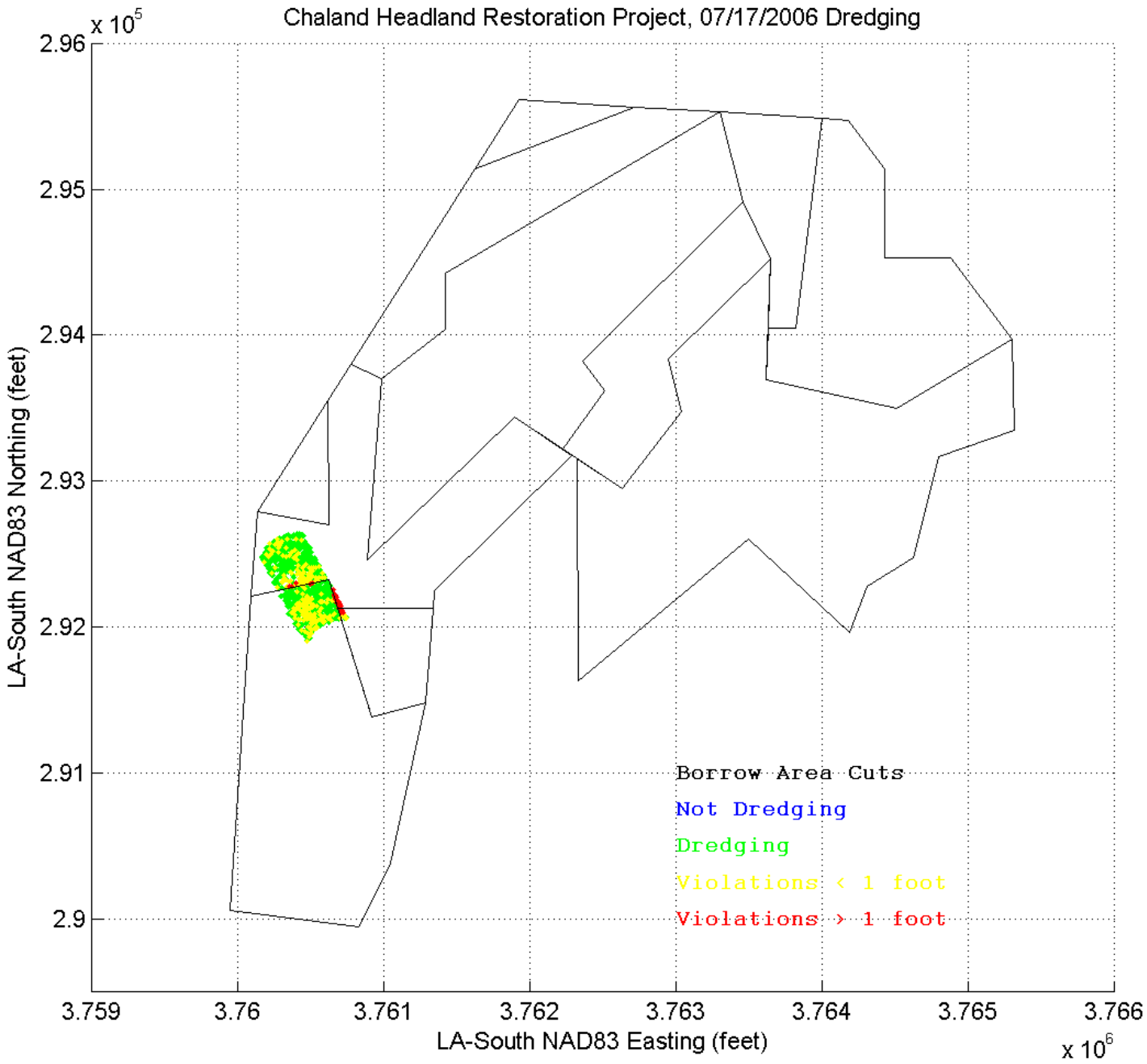
Discharge sample after settling for 15 minutes. The red lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The red lines are used to show sand, silt, and water interfaces.

Marsh buggy attempting to compress marsh fill near Station 38+00.

Large cut in dike system at Sta. 43+10 with fill running through it to the Gulf of Mexico.


Chaland Headland Restoration Project, 07/17/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 19, 2006 | OBSERVATION REPORT NO: 116
OBSERVER: Jonathan Rager | CONTRACT DAY: 246
ARRIVAL TIME: 8:30 | DEPARTURE TIME: 10:30
17:00 | 19:30

WEATHER CONDITIONS: Sunny
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: SW 5-10 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Station 30+80
NORTH CONTAINMENT DIKE LOCATION: Station 55+50
SOUTH CONTAINMENT DIKE LOCATION: Station 33+60
OTHER CONTAINMENT DIKE LOCATION: Station 62+70
BEACH FILL AREA EXTENT LOCATION: Station 50+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #2
	Location: beach fill stake checks		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	Yes	Observation #2
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 19, 2006 OBSERVATION REPORT NO: 116

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from two pipes simultaneously using 90° dredge pipe elbows pointed upwards. The southern outfall is located at Station 30+80 Range 6+50 and the northern outfall is located at Station 30+80 Range 6+00. Both pointed east with the Y-valve at Station 30+10 to split the discharge pipe. Discharge resumed at approximately 15:35 after the Tom James completed its repairs. At 18:30 the southern containment dike was at Station 33+60, the middle containment dike was at Station 62+70, and the north containment dike was at Station 55+50. The beach fill extends to approximately Station 50+00.

2. A sample of the discharge from the outfall was taken at 18:00 in a 2-liter bottle to determine the relative silt content; a documentary photograph was taken at the 15 minute mark. The bottle was disturbed before a 1 hour photo could be taken. The discharge sample suggested that there was more silt in the discharge than observed on 7/11.

3. The Tom James resumed dredging operations at approximately 15:35 after undergoing repairs.

4. At 18:00 the two outfalls were taking two different paths between the northern, middle, and southern containment dikes. The southern outfall discharged at Station 30+80 and ran along the southern dike until Station 33+60 when it cut into the Gulf of Mexico. The northern outfall discharged at Station 30+80 and flowed east to the end of the northern containment dike at Station 55+50 where it emptied into the marsh fill area.

5. The Tom James dredged outside the horizontal limits of the borrow area between 04:00 and 06:15 on 7/18. The cutterhead extended on the average 5.3 feet past the horizontal limits of the borrow area with a maximum violation of 9.9 feet.

6. The drainage pipes on the canal end of the access road at Station 77+60 were removed and reinstalled at a 1' lower elevation.

7. I revisited the canal closure signs, and upon closer inspection, there are "spacers" between the sign and the washers.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that pumping beach fill would continue for three more days.

2. Nate Johnson (WMI Surveyor) stated that they checked the beach stakes between Station 38+00 to Station 44+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

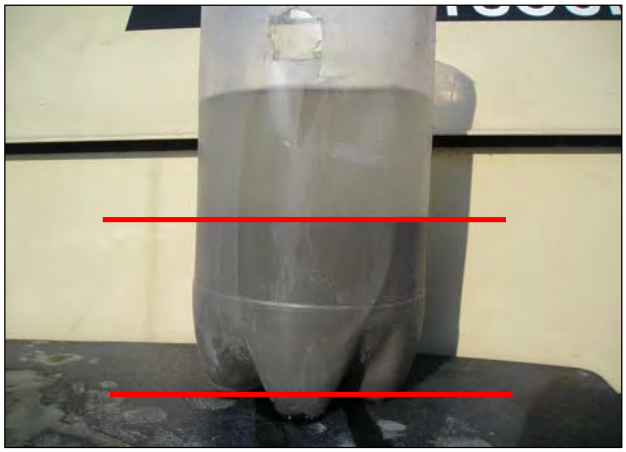
DATE: July 19, 2006 OBSERVATION REPORT NO: 116

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Northern outfall at Station 30+80 looking east.

Southern outfall at Station 30+80 looking east.

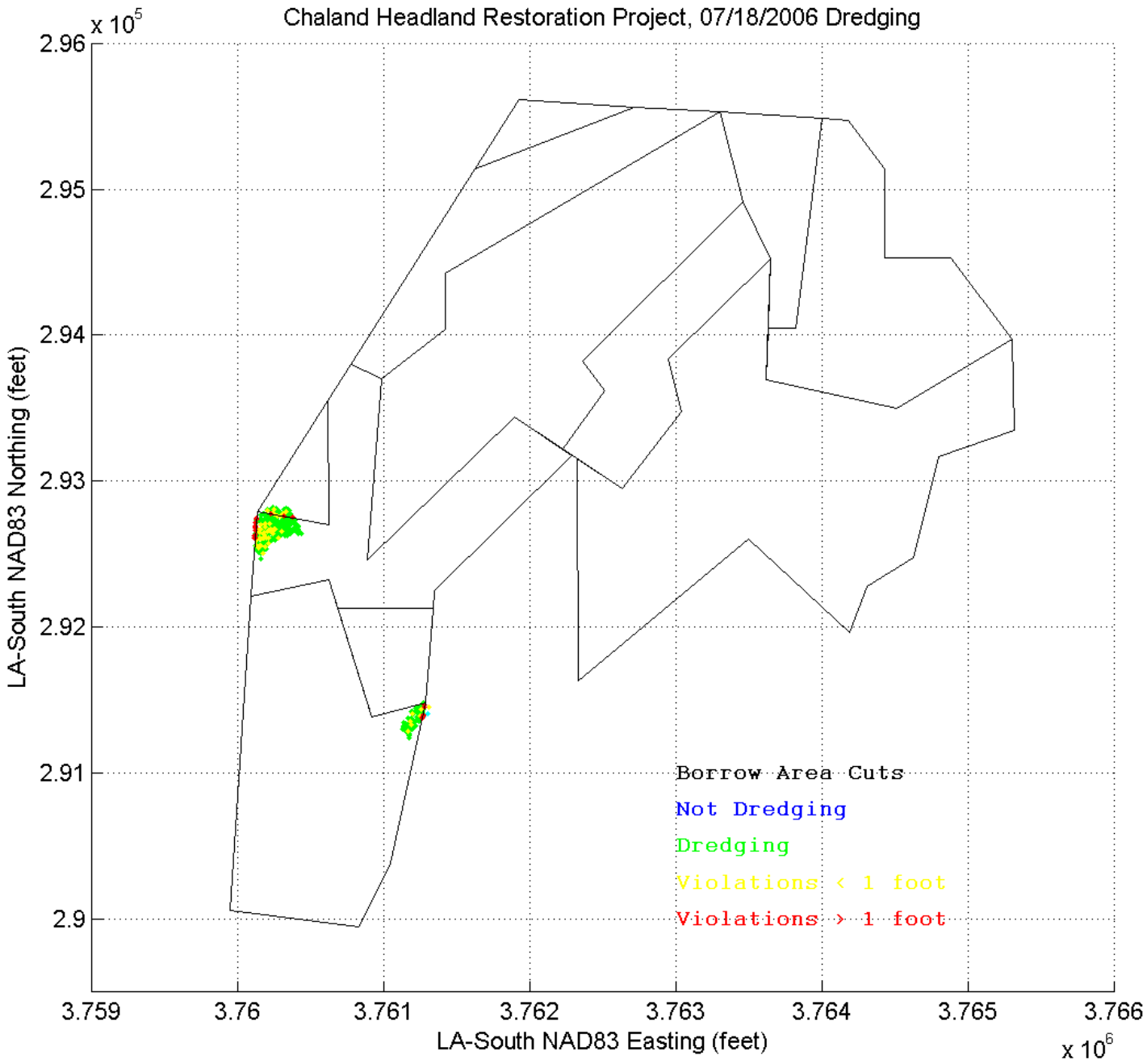


Discharge sample after settling for 15 minutes. The red lines are used to show sand, silt, and water interfaces.

End of northern outfall flow as it runs beyond the northern containment dike into the marsh fill area.

Drainage pipes removed from under access road at Station 77+60 on canal end.

Gulf of Mexico wave conditions at Station 116+32.


Chaland Headland Restoration Project, 07/18/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 20, 2006 | OBSERVATION REPORT NO: 117
OBSERVER: Jonathan Rager | CONTRACT DAY: 247
ARRIVAL TIME: 8:30 | DEPARTURE TIME: 9:30
12:30 | 13:00
17:00 | 19:00

WEATHER CONDITIONS: Sunny to Rain
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: NE 10-15 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
OUTFALL LOCATION: Station 30+80, Station 37+60
NORTH CONTAINMENT DIKE LOCATION: Station 58+20
SOUTH CONTAINMENT DIKE LOCATION: Station 38+20
OTHER CONTAINMENT DIKE LOCATION: Station 63+10
BEACH FILL AREA EXTENT LOCATION: Station 38+20
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #3
	Location: beach fill landward toe between Sta. 53+00 and Sta. 73+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #3
	Location: CH022, Sta. 33+70 (N29.3124° W89.7744°), 18:10		
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 20, 2006 OBSERVATION REPORT NO: 117

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from two pipes simultaneously using 90° dredge pipe elbows pointed upwards. The southern outfall is located at Station 30+80 Range -6+50 and the northern outfall is located at Station 37+60 Range -6+20. Both pointed east with the Y-valve at Station 30+55 to split the discharge pipe. At 18:30 the southern containment dike was at Station 38+20, the middle containment dike was at Station 63+10, and the north containment dike was at Station 58+20. The beach fill extends to approximately Station 38+20.

2. The northern outfall location had been moved three times across the day. The previous three locations were Station 30+80, Station 33+30, and Station 35+80.

3. Sand sample CH022 was taken at Station 22+70 Range -6+90 (N29.3124° W89.7744°) at 18:10. The Munsell color of the representative sand sample taken at this location was 5Y-5/1 (Gray) and had an approximate grain size of 0.1 mm.

4. A sample of the discharge from the outfall was taken at 18:00 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15 minute and 1 hour marks. The discharge sample suggested that there was less silt in the discharge than observed on 7/11.

5. No slumping or other deficiencies were observed in the primary dike between Station 53+40 and Station 140+51.

6. The Tom James dredged outside the horizontal limits of the borrow area between 16:00 and 20:30 on 7/19 on the ends of swings. The cutterhead never extended more than 11.3 feet past the horizontal limits of the borrow area.

7. A bird (most likely a pelican) would not move from its place in the beach fill near Station 28+90 Range -5+00. Human presence would merely irritate the bird, but not cause it to get up and move. The location it has chosen is very close to the dump shack, southern outfall, and where the submerged line comes to shore. I placed grade stakes around the bird as a temporary measure to prevent heavy machinery from disturbing the bird and have asked the night crew to inform me if the bird is still there in the morning.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that pumping beach fill would continue for two more days.

2. The field mechanic stated that five of the six bulldozers are currently inoperable.

3. Nate Johnson (WMI Surveyor) stated that they staked the landward toe of the beach fill dune from Station 53+00 to Station 73+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

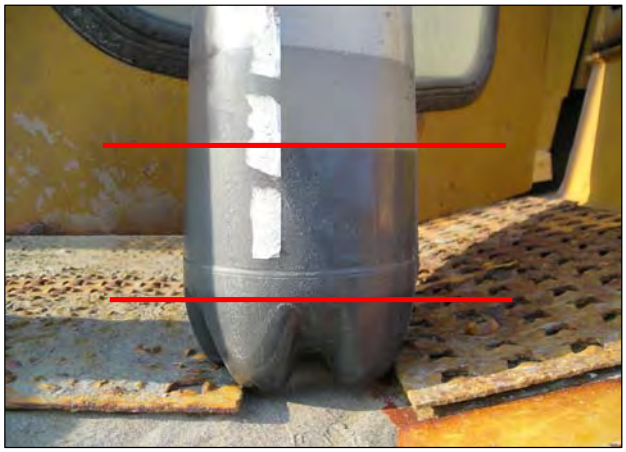
DATE: July 20, 2006 OBSERVATION REPORT NO: 117

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

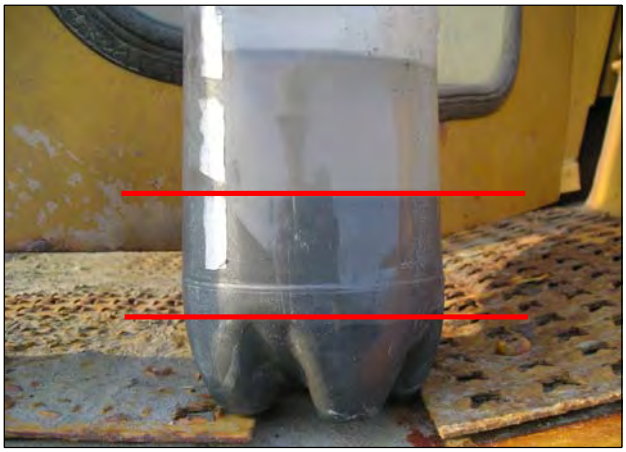
1. No.

Northern outfall at Station 37+60 looking east.

Southern outfall at Station 30+80 looking east.



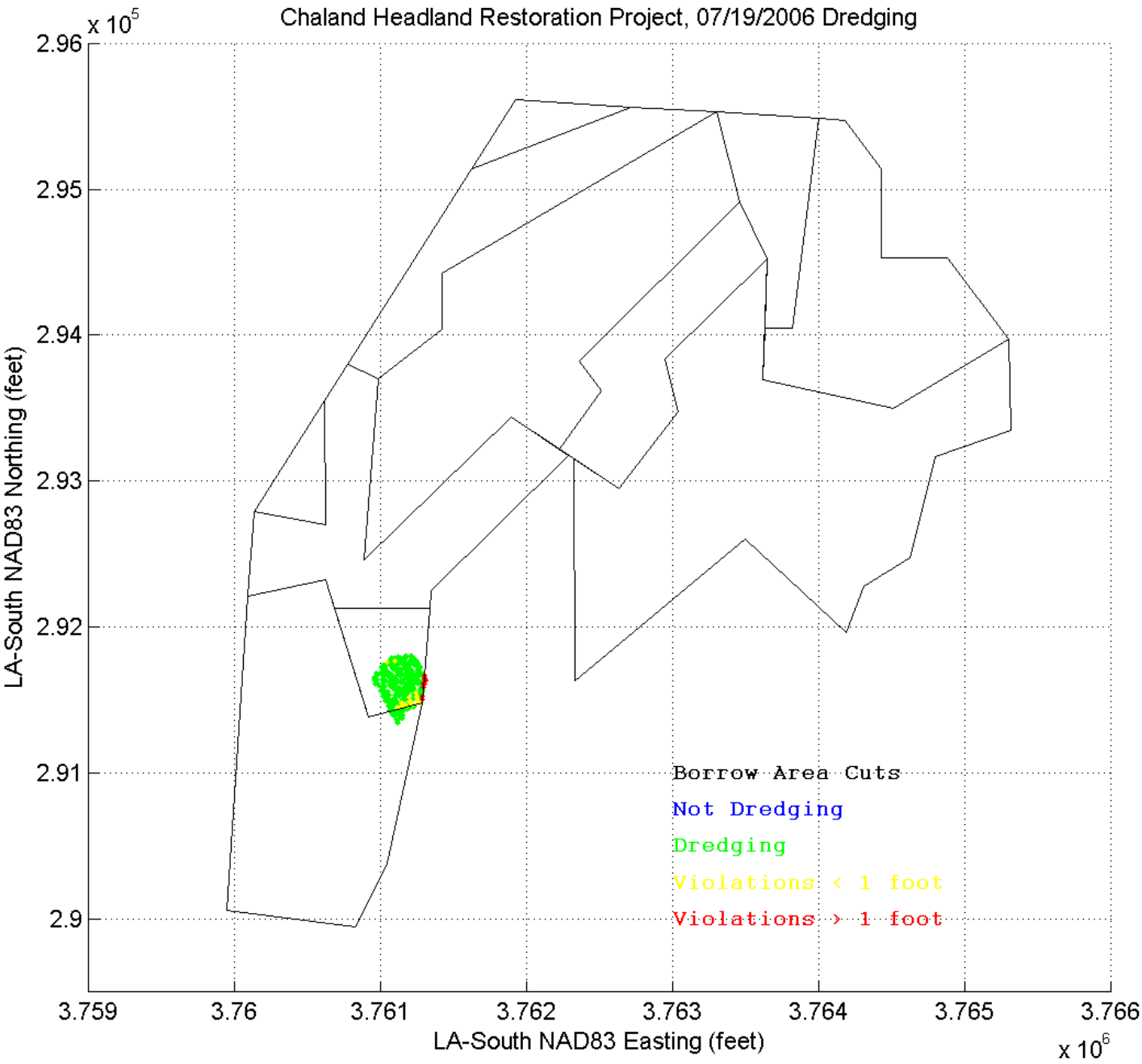
Discharge sample after settling for 15 minutes. The red lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The red lines are used to show sand, silt, and water interfaces.

Bird near Station 28+90 Range -5+00.

Gulf of Mexico wave conditions near Station 106+64.


Chaland Headland Restoration Project, 07/19/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 21, 2006 | OBSERVATION REPORT NO: 118
OBSERVER: Jonathan Rager | CONTRACT DAY: 248
ARRIVAL TIME: 9:00 | DEPARTURE TIME: 10:45
15:30 | 17:15

WEATHER CONDITIONS: Sunny to Rain
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: S 5-10 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Equipment Repair and Overburden Removal
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 58+20
SOUTH CONTAINMENT DIKE LOCATION: Station 38+20
OTHER CONTAINMENT DIKE LOCATION: Station 63+10
BEACH FILL AREA EXTENT LOCATION: between Station 25+00 & Station 30+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments:
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes — Discussion #1
    Type: Overburden Removal
14. Are the borrow area buoys in place and working properly? — Yes
15. Is dredging occurring outside of the borrow area limits? — No

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — No
    Location:
20. Has a discharge sample been collected? — No
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — N/A
    Measurement:
23. Are escarpments being leveled? — N/A
24. Are grading and dressing operations of completed fill sections being conducted? — N/A
    Location:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 21, 2006 OBSERVATION REPORT NO: 118

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. There were no discharge operations today, neither beach nor marsh fill. At 18:30 the southern containment dike was at Station 38+20, the middle containment dike was at Station 63+10, and the north containment dike was at Station 58+20. The beach fill extends to approximately Station 38+20.

2. The approximate height of fill at the dune crest for each of the following stations was recorded at 17:00.

Station 9+00	2.0 ft NAVD
Station 13+00	3.0 ft NAVD
Station 17+00	3.5 ft NAVD
Station 21+00	4.5 ft NAVD
Station 24+00	5.5 ft NAVD
Station 25+00	6.0 ft NAVD

3. The beach fill between Station 25+00 and Station 30+00 is at grade.

4. The bird from yesterday's report was found dead on the beach this morning.

5. Gary Johnson (WMI) departed the site at 15:00. Frank Gill (WMI - Tom James Captain) is in charge in Gary's absence.

6. Overdredging of the overburden material was generally under 1 foot, intermittent, and unrelated.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson stated that the Tom James would be removing overburden material today. He also stated that this was due to not having enough operable equipment to work with the material deposited on the beach.

2. The field mechanic stated that e could have as many as four bulldozers operational by the end of the day or have none at all. Mr Simmons (WMI Dump Shack Foreman) could not answer as to how many bulldozers he could use.

3. The longshoremen on the night crew stated that they were having a difficult time working the material with the D6 bulldozers. They said that as the material falls out, it compacts very quickly and the D6 bulldozers chatter more than usual when moving the sand. They added that they would prefer having D8 bulldozers, which have more power.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

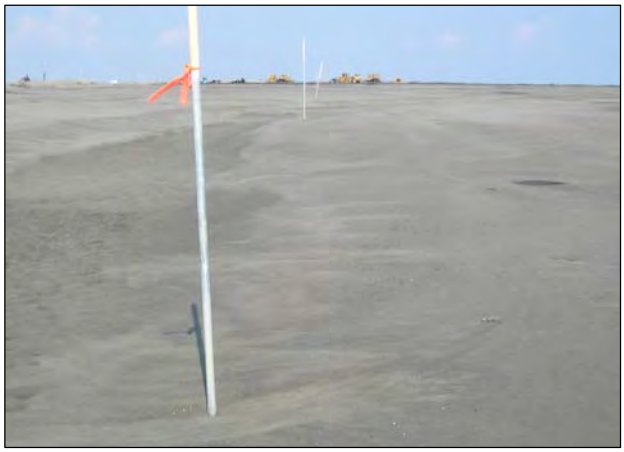
DATE: July 21, 2006 OBSERVATION REPORT NO: 118

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

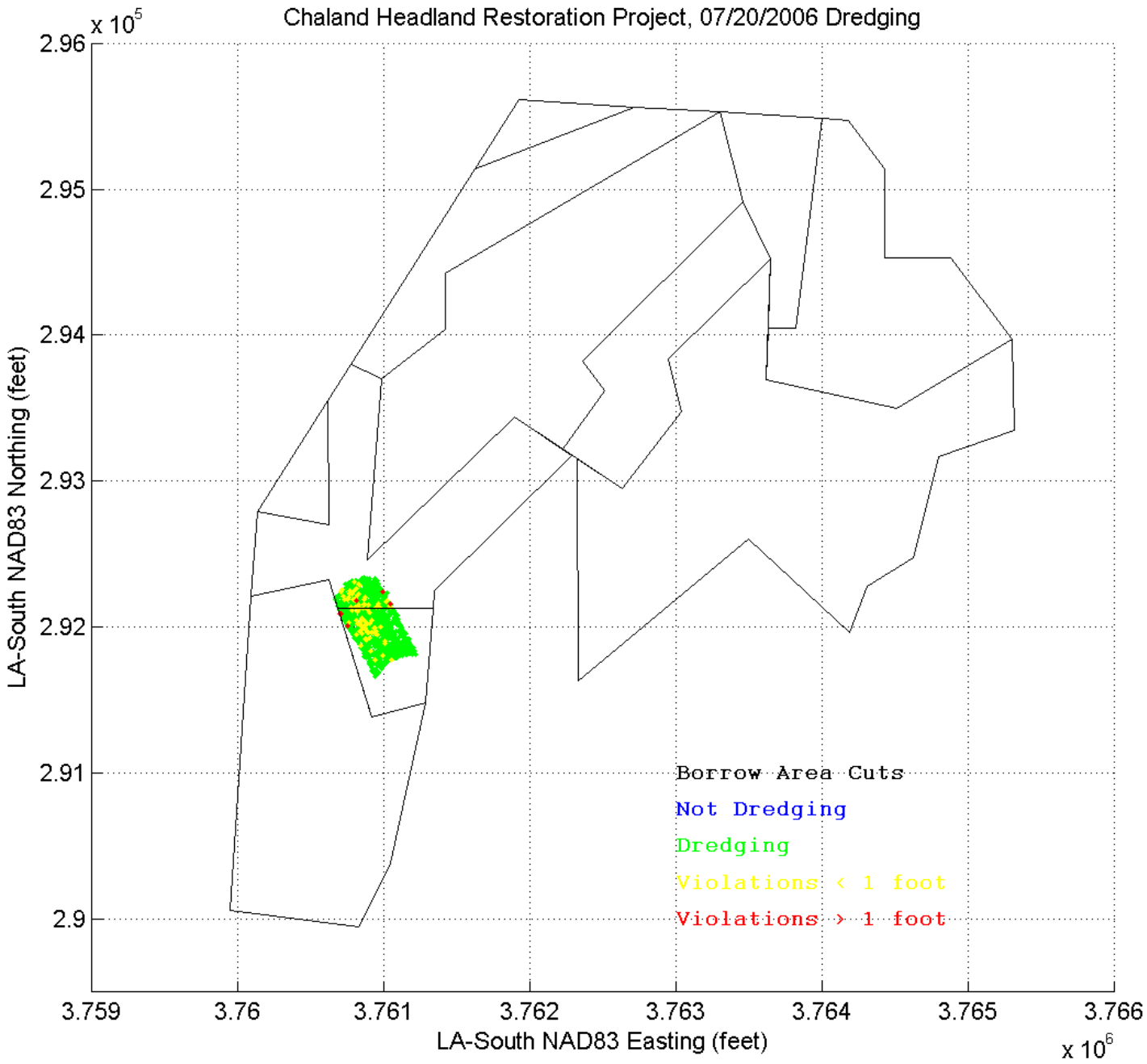
1. No.

No discharge operations today.

Gulf of Mexico wave conditions near Station 106+64.



Grade stakes on dune crest looking east from Station 13+00 looking east.


Chaland Headland Restoration Project, 07/20/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Violations < 1 foot
Violations > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 22, 2006 | OBSERVATION REPORT NO: 119
OBSERVER: Jonathan Rager | CONTRACT DAY: 249
ARRIVAL TIME: 8:30 | DEPARTURE TIME: 10:30
15:00 | 16:30

WEATHER CONDITIONS: Sunny to Rain
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: SW 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Equipment Repair and Overburden Removal
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 58+20
SOUTH CONTAINMENT DIKE LOCATION: Station 38+20
OTHER CONTAINMENT DIKE LOCATION: Station 63+10
BEACH FILL AREA EXTENT LOCATION: between Station 24+00 & Station 30+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	Observation #3
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	N/A	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 22, 2006 OBSERVATION REPORT NO: 119

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Beach fill dressing between Station 24+00 and Station 30+40	Yes	Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. There were no discharge operations today, neither beach nor marsh fill.

2. The beach fill was graded between Station 24+00 and Station 30+40.

3. Trash is building up on the shoreline between Station 5+00 and Station 35+00 though this area was cleared of debris before beach fill began.

4. A bulldozer was scraping excess material from the seaward beach fill slope and stockpiling it to be placed on the landward beach fill slope.

5. There were cases of overdredging areas where the dredge depth contour lines change. But, in general, these instances were intermittent and unrelated.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1 Nate Johnson (WMI Surveyor) stated that the shore crew is also working on building the landward slope of the beach between Station 10+00 and Station 25+00. This material is to come from the seaward slope where discharge operations left that part of the fill with excess material.

2. The field mechanic stated that there were three operable bulldozers today, but one has since broken down leaving two operable bulldozers.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 22, 2006 OBSERVATION REPORT NO: 119

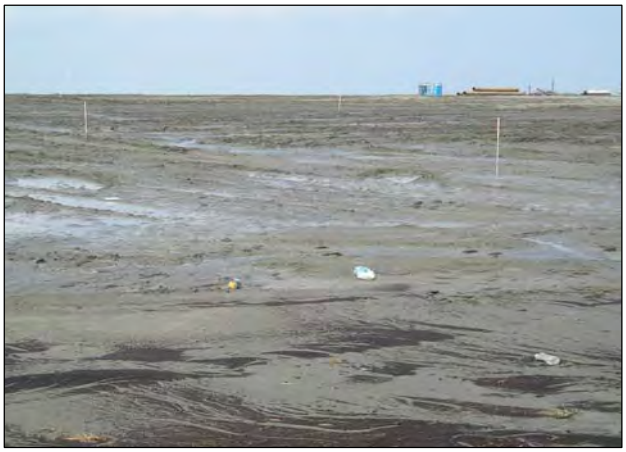
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

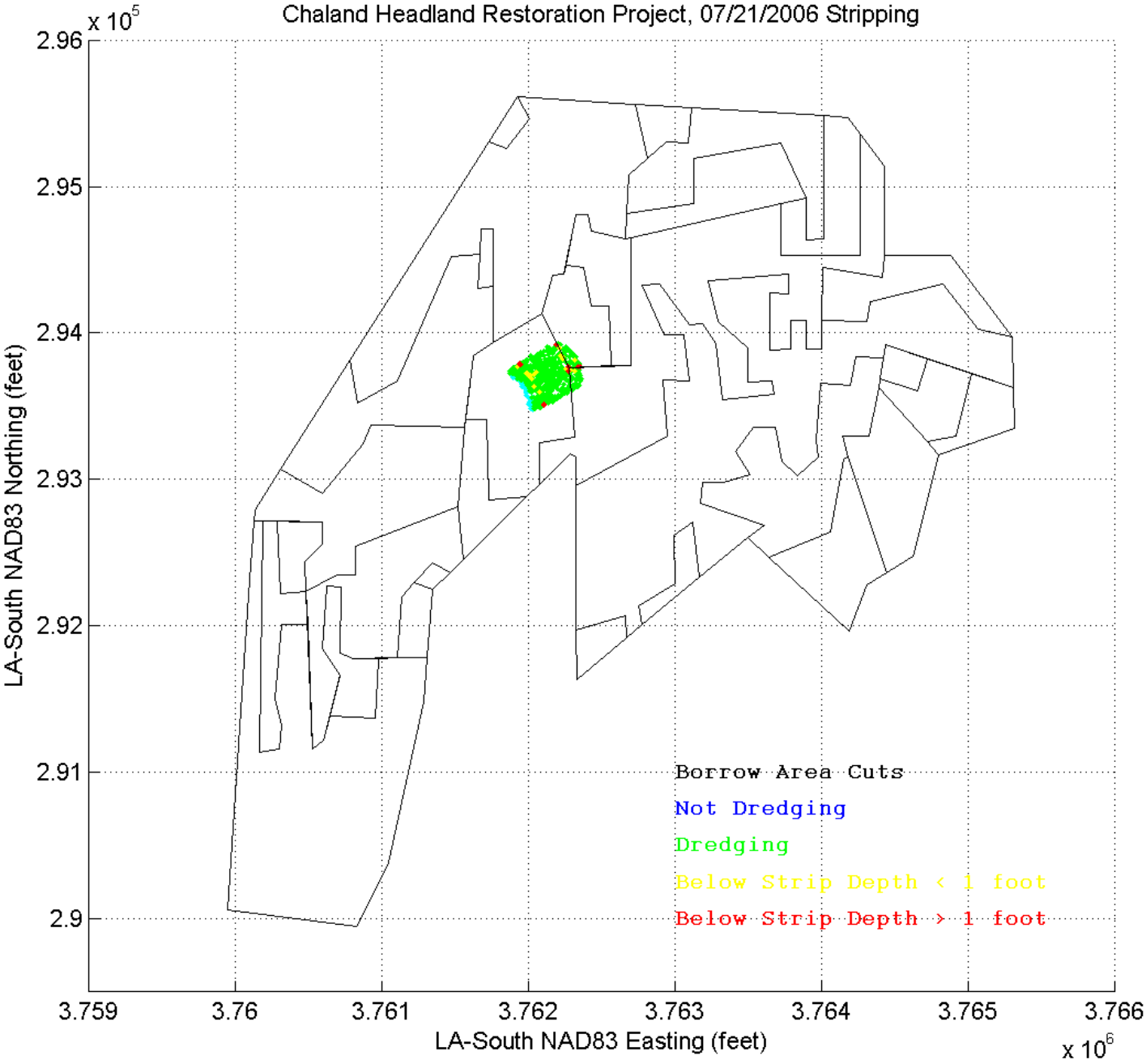
No discharge operations today.

Gulf of Mexico wave conditions near Station 106+64.

Bulldozer moving excess material from the seaward beach slope to landward slope.



Beach fill at Station 25+00 looking east after grading by bulldozers.


Chaland Headland Restoration Project, 07/21/2006 Stripping
x 10^5
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LA-South NAD83 Northing (feet)
3.759
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3.761
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3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 23, 2006 | OBSERVATION REPORT NO: 120
OBSERVER: Jonathan Rager | CONTRACT DAY: 250
ARRIVAL TIME: 15:00 DEPARTURE TIME: 17:30

WEATHER CONDITIONS: Heavy Rain to Cloudy
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: W 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Overburden Removal & Beach Dressing
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 58+20
SOUTH CONTAINMENT DIKE LOCATION: Station 38+20
OTHER CONTAINMENT DIKE LOCATION: Station 63+10
BEACH FILL AREA EXTENT LOCATION: between Station 25+00 & Station 30+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	DQCR Comments:	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	Yes
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	Yes
18.	Has debris been removed prior to placement of fill?	Yes
19.	Has a representative sand sample been collected?	No
	Location:	
20.	Has a discharge sample been collected?	No
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 23, 2006 OBSERVATION REPORT NO: 120

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Beach fill grading	Yes	Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. There were no discharge operations today, neither beach nor marsh fill. The Tom James was sidecasting overburden material within the borrow area.

2. The beach fill has been graded between Station 24+00 and Station 30+40. The landward slope has been graded between Station 14+20 and Station 24+00. The seaward slope has been graded between Station 17+85 and Station 21+90.

3. An additional Y-Valve has been arriving one part at a time on the crew boat for the past two days. This will be used to split the shore discharge line into another outfall.

4. There were cases of overdredging areas where the dredge depth contour lines change. But, in general, these instances were intermittent and unrelated. Some of the recorded dredging violations are also cases when the cutter head pushes into the seafloor to pull against and set its anchors.

5. Heavy rains prohibited a morning beach observation.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Nate Johnson (WMI Surveyor) stated that Gary Johnson (WMI) plans on returning Monday night or Tuesday morning.

2. Nate Johnson (WMI Surveyor) stated that they plan on sidecasting material for another five days.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 23, 2006 OBSERVATION REPORT NO: 120

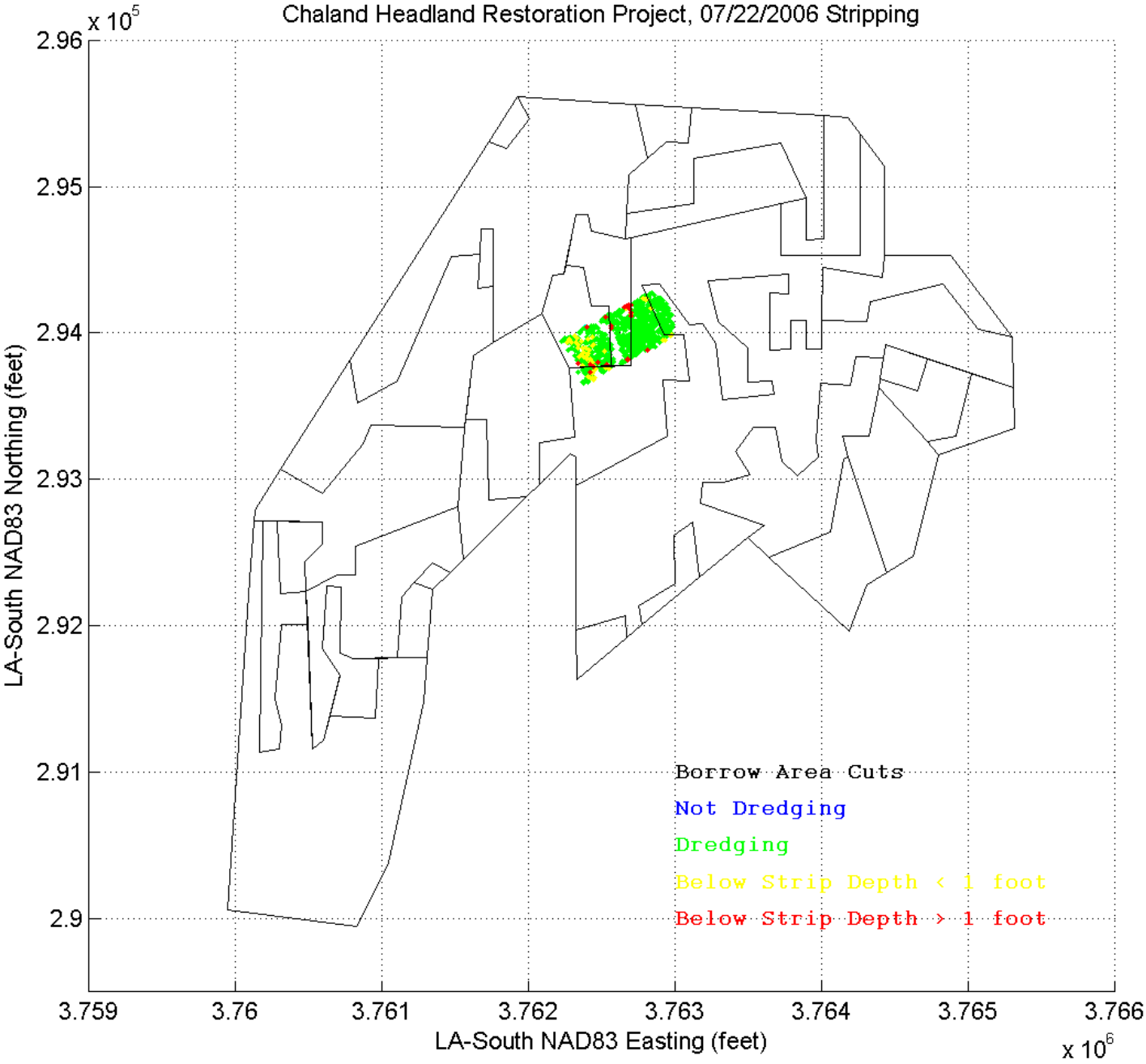
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

No discharge operations today.

Gulf of Mexico wave conditions near Station 106+64.

Seaward beach slope being scraped of excess material near Station 21+90 looking west.


Chaland Headland Restoration Project, 07/22/2006 Stripping
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LA-South NAD83 Northing (feet)
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3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 24, 2006 | OBSERVATION REPORT NO: 121
OBSERVER: Jonathan Rager | CONTRACT DAY: 251
ARRIVAL TIME: 9:00 | DEPARTURE TIME: 10:30
16:00 | 17:30

WEATHER CONDITIONS: Heavy Rain to Cloudy
WAVE HEIGHT AND DIRECTION: S 3'-4'
WIND SPEED AND DIRECTION: SW 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Overburden Removal & Containment Dike Construction
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 58+20 & Station 14+00
SOUTH CONTAINMENT DIKE LOCATION: Station 38+20 & Station 14+00
OTHER CONTAINMENT DIKE LOCATION: Station 63+10
BEACH FILL AREA EXTENT LOCATION: between Station 25+00 & Station 30+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes
3.	Has the contractor provided the daily quality control report for the previous day?	Yes
	DQCR Comments:	
4.	Has the contractor provided the daily safety report for the previous day?	Yes

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes
6.	Are there any safety concerns at present?	No
7.	Were any photographs taken?	Yes

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No
9.	Was any staking and layout performed today?	No
	Location:	

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No
	Location:	
11.	Were previously constructed dikes observed?	Yes
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	Yes
18.	Has debris been removed prior to placement of fill?	Yes
19.	Has a representative sand sample been collected?	No
	Location:	
20.	Has a discharge sample been collected?	No
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 24, 2006 OBSERVATION REPORT NO: 121

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. There were no discharge operations today, neither beach nor marsh fill. The Tom James was stripping overburden within the borrow area.

2. The shore pipe was dismantled and reconnected so that it is facing westward from Station 25+80.

3. There was no construction activity on the beach during the morning observation.

4. Two containment dikes running from Station 24+00 to Station 14+00 have been built.

5. A Y-Valve part arrived on the crew boat at 10:00.

6. There were very few cases of overdredging, and these instances were intermittent and unrelated.

7. Gary Johnson (WMI) arrived today at 10:15.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that Frank Gill (WMI - Tom James Captain) plans on removing overburden from the borrow area for five more days.

2. The field mechanic stated that there are four operable bulldozers.

3. I asked Gary Johnson (WMI) for a digital copy of the beach fill check surveys collected by the WMI on Friday 7/21. I forwarded this data to Gordon Thomson (CPE).

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 24, 2006 OBSERVATION REPORT NO: 121

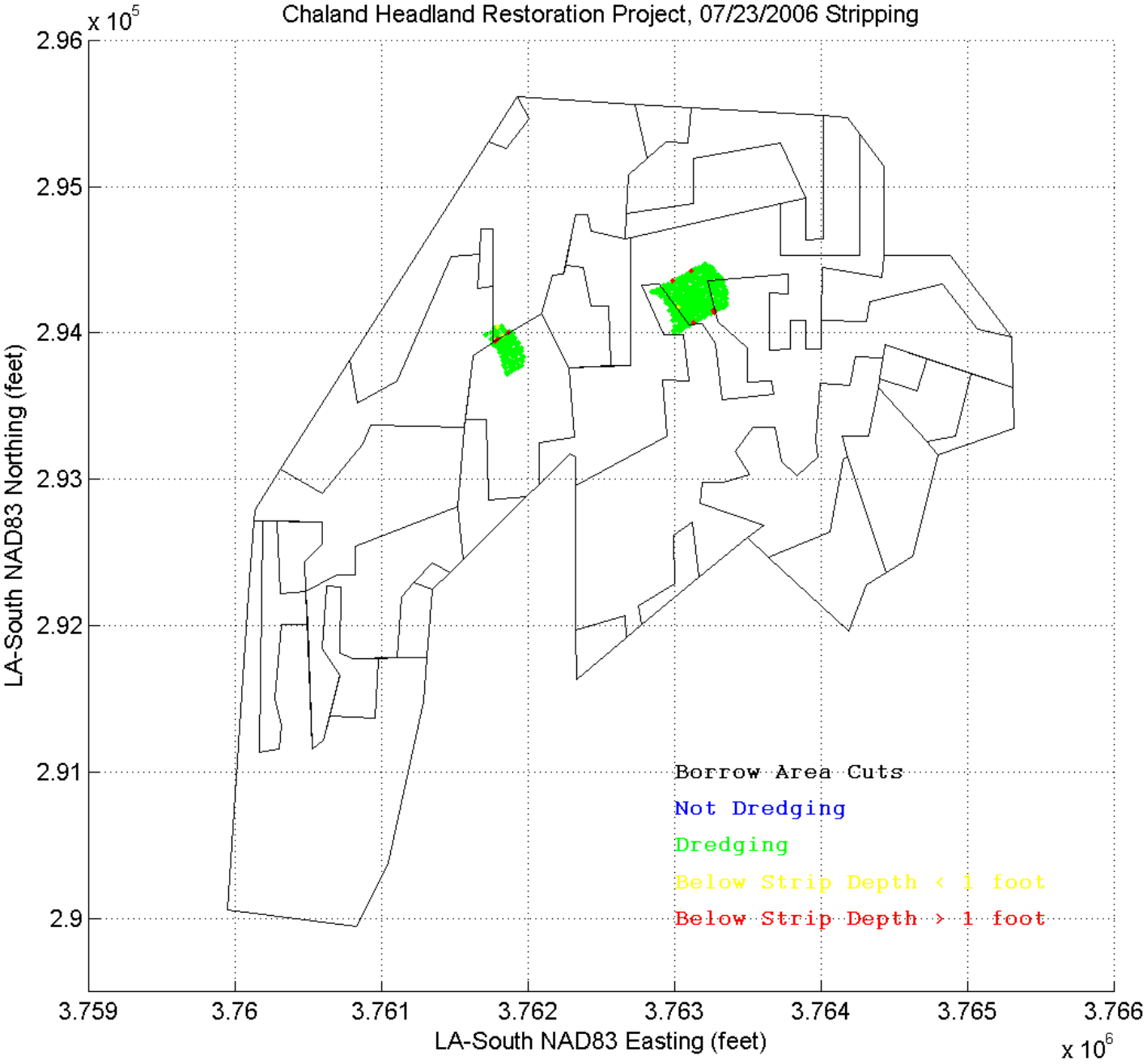
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

No discharge operations today.

Gulf of Mexico wave conditions near Station 106+64.

Shore pipe being placed heading west at Station 25+80.


Chaland Headland Restoration Project, 07/23/2006 Stripping
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3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 25, 2006 | OBSERVATION REPORT NO: 122
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 252
ARRIVAL TIME: 9:00 | DEPARTURE TIME: 10:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 3'-4'
WIND SPEED AND DIRECTION: SE 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Overburden Removal & Containment Dike Construction
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 9+84
SOUTH CONTAINMENT DIKE LOCATION: Station 9+84
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 5+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Observation #5
	Location: Beach grade staking between Station 50+00 and Station 56+00.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	Observation #1
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	Observation #1

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Observation #2
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Is dredging occurring outside of the borrow area limits?	Yes	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	N/A
18.	Has debris been removed prior to placement of fill?	N/A
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 25, 2006 OBSERVATION REPORT NO: 122

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Jason Manthey (NOAA), Rachel Sweeney (NOAA), Barry Richard (DNR), Gordon Thomson (CPE), Jonathan Rager (CPE), and I performed a site visit at 9:00. The beach and marsh was observed between Station 5+00 and Station 77+60. The primary dike was inspected between Station 58+23 and Station 140+51 and no deficiencies were noted.

2. Material was not discharged to the beach or the marsh. The Tom James stripped overburden material from the borrow area and sidecast the stripped material.

3. A bulldozer moved the shore pipe west and positioned a Y-Valve near Station 25+50 such that the split flow will face west.

4. Two bulldozers were building containment dikes near Station 14+98. A bulldozer became stuck while constructing the north containment dike near Station 14+98 and needed assistance from a second bulldozer to extricate itself.

5. The WMI survey crew placed beach grade stakes near Station 50+00. See discussion item #1.

6. a) Survey inconsistencies were found in the 7/24 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that the Tom James was stripping overburden material while item #2, result of surveillance, states that dredge discharge locations and elevations were checked and noted with no deficiencies.

   b) Equipment operating inconsistencies were found in the 7/24 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that Marsh Buggy 879 was gathering and stock piling debris for burning while item #3, equipment data, states that Marsh Buggy 879 was down for repairs.

7. On several occasions the Tom James excavated below the required overburden removal cut depth for less than two minutes. The Tom James excavated an average of 2.0 feet and a maximum of 4.3 feet below the required overburden removal cut depth due to crossing into an adjacent, shallower cut section. The Tom James excavated an average of 0.9 feet and a maximum of 3.5 feet below the required overburden removal cut depth while using its anchors to advance within the borrow area.

8. Gary Johnson (WMI), Jason Manthey (NOAA), Rachel Sweeney (NOAA), Barry Richard (DNR), Gordon Thomson (CPE), Jonathan Rager (CPE), and I participated in the bi-weekly meeting. Items discussed included: the status on revised daily contractor quality control reports, the status on WMI providing a cost proposal for the revised drawings dated 5/24, pay application #6, the government's concern about project schedule delays due to equipment breakdowns and lack of equipment operators, the sand deduct cost proposal, horizontal dredging limits, the revised construction schedule dated 7/21, the next bi-weekly meeting date, and gaps in the sand fence to facilitate material discharge to the beach and marsh in areas east or west of a completed section with sand fence installed where the subline comes ashore. These items are further discussed in the bi-weekly meeting minutes.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 25, 2006 OBSERVATION REPORT NO: 122

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

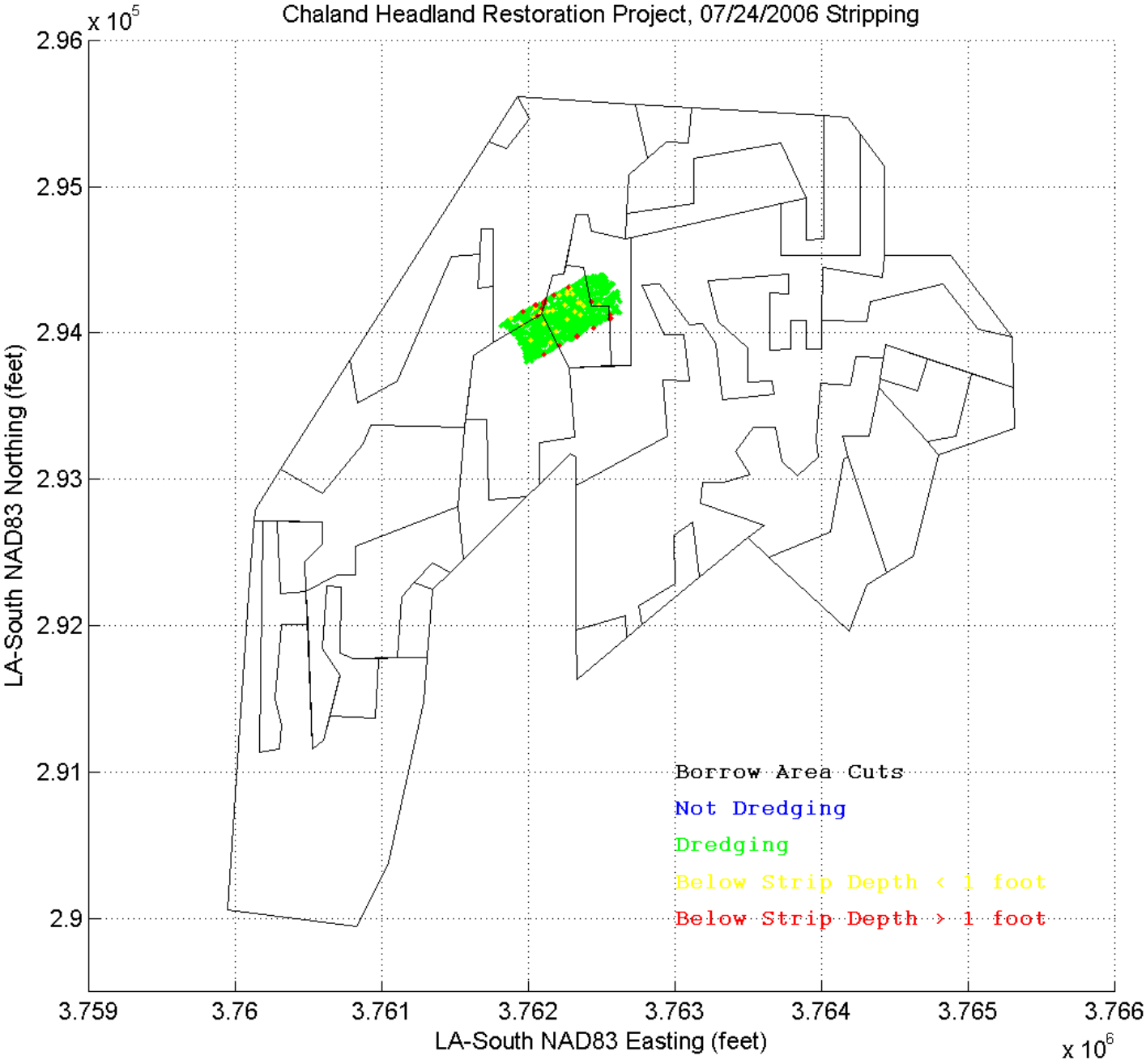
1. I spoke with Nate Johnson (WMI) about the beach grade staking. Nate stated that the WMI surveyors checked all beach grade stakes between Station 50+00 and Station 56+00. Beach grade stakes were replaced and added as needed.

2. I spoke with Gary Johnson (WMI) about the status of the Tom James. Gary stated that the dredge was moved off-site around 17:00 due to rough weather and rough seas. Gary said that the Tom James will be off-site for approximately 24 hours or until conditions permit. Gary said that when the dredge returns stripping will resume and continue for an additional three days.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Y-Valve located near Station 25+50


Chaland Headland Restoration Project, 07/24/2006 Stripping
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3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 26, 2006 | OBSERVATION REPORT NO: 123
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 253
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 12:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SSE 3'-4'
WIND SPEED AND DIRECTION: SE 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Preparation
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 9+84
SOUTH CONTAINMENT DIKE LOCATION: Station 9+84
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 5+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #4
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	N/A
18.	Has debris been removed prior to placement of fill?	N/A
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 26, 2006 OBSERVATION REPORT NO: 123

25.	Is an acceptance survey for a completed section being conducted today? Location:	N/A
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh. The Tom James was not operating today due to rough seas. See discussion item #1.

2. WMI operators, shore men, and a mechanic assembled a Y-Valve near Station 75+00. The loader was used to position the Y-Valve components while the WMI mechanic assembled the Y-Valve.

3. A bulldozer was stuck in the sand near Station 12+50 Range -2+50. Two marsh buggies were required to extricate the bulldozer.

4. a) Survey inconsistencies were found in the 7/25 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that the Tom James was stripping overburden material while item #2, result of surveillance, states that dredge discharge locations and elevations were checked and noted with no deficiencies.

   b) Equipment operating inconsistencies were found in the 7/25 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that Marsh Buggy 879 was gathering and stock piling debris for burning while item #3, equipment data, states that Marsh Buggy 879 was down for repairs.

5. On 7/25 the Tom James cutter head excavated below the required overburden removal cut depth for less than two minutes on several occasions. The Tom James cutter head excavated an average of 1.8 feet and a maximum of 3.3 feet below the required overburden removal cut depth due to crossing into an adjacent, shallower cut section. The Tom James cutter head excavated an average of 0.8 feet and a maximum of 3.0 feet below the required overburden removal cut depth while using its anchors to advance within the borrow area.

6. On 7/25 the Tom James cutter head excavated below the required overburden removal cut depth between 9:41 and 9:56. The required overburden removal cut depth average exceededance during this time period was approximately 2.7 feet with a maximum exceedence of 7.8 feet.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the operating status of the Tom James. Gary stated that the Tom James will remain at Grand Isle tonight. Gary said that the wave conditions will be checked in the morning to determine whether the Tom James will return to the borrow area to continue removing overburden material.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 26, 2006 OBSERVATION REPORT NO: 123

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Outfall near Station 25+00.

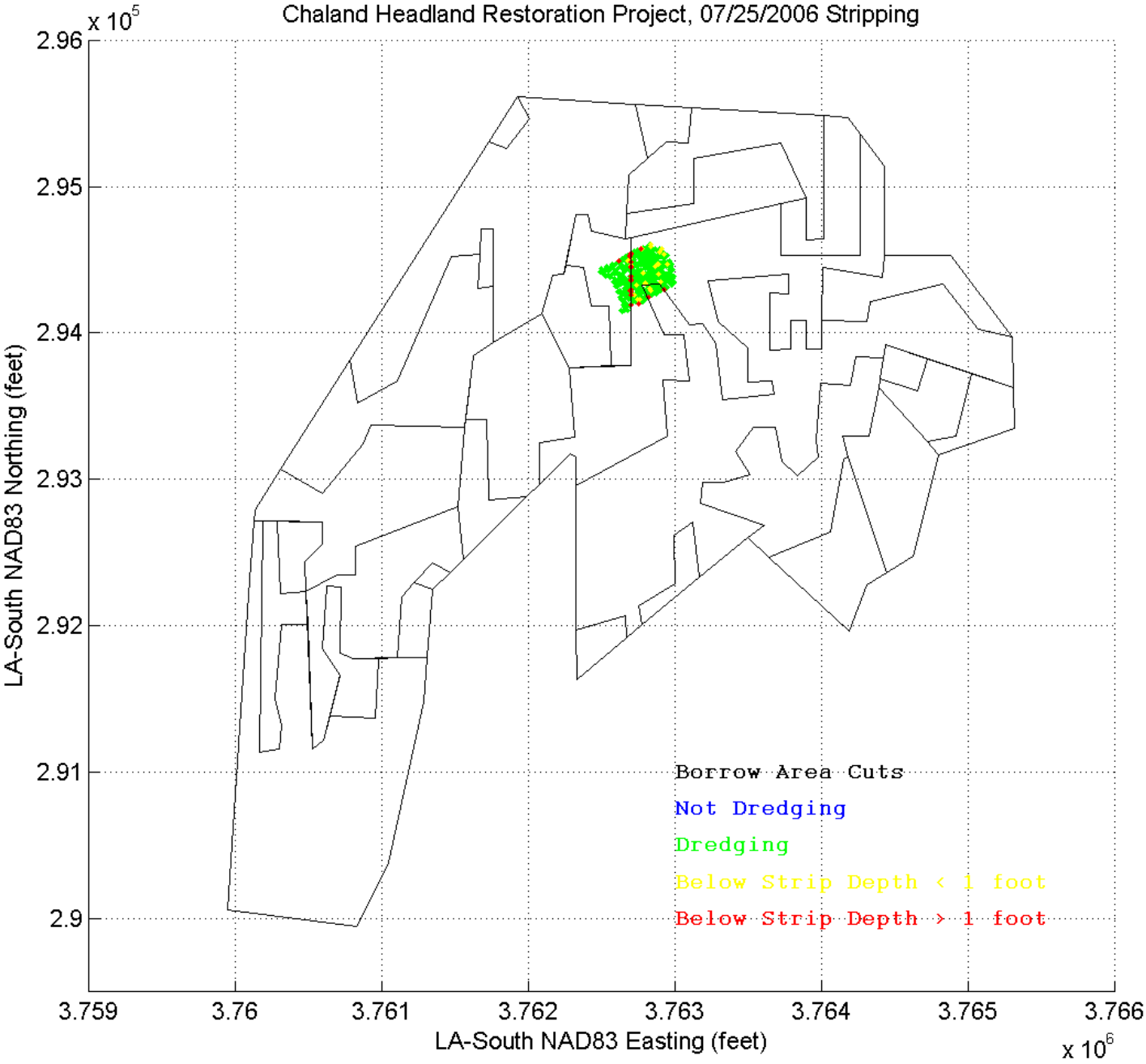
Gulf of Mexico wave conditions near Station 77+60.

Bulldozer stuck in the sand near Station 12+50 Range -2+50.

Two Marsh Buggies extricating the stuck bulldozer.

Loader positioning the Y-Valve components for assembly.

WMI mechanic assembling the Y-Valve components.


Chaland Headland Restoration Project, 07/25/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 27, 2006 | OBSERVATION REPORT NO: 124
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 254
ARRIVAL TIME: 14:30 | DEPARTURE TIME: 17:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SSE 2'-3'
WIND SPEED AND DIRECTION: SSE 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Preparation and Overburden Removal
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 7+00
SOUTH CONTAINMENT DIKE LOCATION: Station 7+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 5+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	
	Measurement:		Observation #4
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 27, 2006 OBSERVATION REPORT NO: 124

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh. The Tom James stripped overburden material from the borrow area and sidecast the stripped material. See discussion item #1.

2. The area between the northern dune crest and the southern dune crest and between Station 23+00 and Station 7+00 has been prepared for beach fill. The southern containment dike, which is offset approximately5 feet south of the southern dune crest, extends from Station 23+00 to Station 7+00 and has a crest elevation of approximately 9 feet NAVD. The northern containment dike, which is offset approximately 5 feet north of the northern dune crest, extends from Station 23+50 to Station 7+00 and has a crest elevation of approximately 9 feet NAVD.

3. Three outfalls are located near Station 23+50. The northern outfall is located near Station 24+00 Range -0+80 and points west. The center outfall is located near Station 23+50 Range -0+50 and points west. The southern outfall is located near Station 23+50 Range 0+25 and points west. All three outfalls incorporate a 90° dredge pipe elbow that points upward to facilitate mushroom discharges. Two Y-Valves were used to obtain this outfall layout. The northern Y-Valve is located near Station 25+00 Range -0+25 and splits the northern and center outfalls. The southern Y-Valve is located near Station 25+50 Range 0+00 and splits the southern outfall from the other two outfalls.

4. Six berm width measurements were taken along completed profile sections. The location of the north dune crest and the south dune crest as well as the berm width measured with a handheld Differential GPS unit are shown in the following table:

Station	South Dune Crest	North Dune Crest	Berm Width (feet)	
			GPS	Template
25+00	N 29.31225° W 89.77712°	N 29.31302° W 89.77700°	278	280
26+00	N 29.31220° W 89.77682°	N 29.31298° W 89.77672°	280	280
27+00	N 29.31217° W 89.77648°	N 29.31293° W 89.77647°	282	280
28+00	N 29.31212° W 89.77618°	N 29.31290° W 89.77607°	286	280
29+00	N 29.31208° W 89.77583°	N 29.31285° W 89.77572°	280	280
29+20	N 29.31205° W 89.77557°	N 29.31278° W 89.77548°	262	280

5. a) Equipment operating inconsistencies were found in the 7/26 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that Marsh Buggy 879 was gathering and stock piling debris for burning while item #3, equipment data, states that Marsh Buggy 879 was down for repairs.

   b) Tom James operating inconsistencies were found in the 7/26 WMI Daily Quality Control Report (DQCR). Item #9, avoidance of overdredging, states that the dredge remained within the limits of the borrow area and overdredging did not occur. The WMI Daily Dredge Report (DDR) states that the Tom James remained in a safe harbor and was not dredging or within the borrow area.

DATE: July 27, 2006 OBSERVATION REPORT NO: 124

c) Borrow area survey activity inconsistencies were found in the 7/26 WMI Daily Quality Control Report (DQCR). Item #10, borrow area buoy check, states that the borrow area buoys were checked and did not require resetting. Item #12, remarks, states that survey checks are being taken in the borrow area and that no overdredging is being discovered. The WMI Daily Dredge Report (DDR) states that the Tom James remained in a safe harbor and was not dredging or within the borrow area throughout the entire day.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the operating status of the Tom James. Gary stated that the Tom James left the safe harbor around 8:00 and began stripping overburden material within the borrow area early in the afternoon.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

South outfall near Station 23+50.

Two Y-Valve setup with three outfalls near Station 23+50.

Gulf of Mexico wave conditions near Station 77+60.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 28, 2006 | OBSERVATION REPORT NO: 125
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 255
ARRIVAL TIME: 14:00 DEPARTURE TIME: 17:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: S 10-15 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Beach Preparation and Overburden Removal
OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 7+00
SOUTH CONTAINMENT DIKE LOCATION: Station 7+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 5+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found in the WMI DQCR and WMI DDR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	
	Measurement:		Observation #3
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	Observation #2
	Location: Beach grading between Station 43+00 and Station 48+00.		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 28, 2006 OBSERVATION REPORT NO: 125

25.	Is an acceptance survey for a completed section being conducted today?	No
	Location:	
26.	Are sand fencing operations being conducted?	N/A
	Post location:	
	Fence location:	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh. The Tom James stripped overburden material from the borrow area and sidecast the stripped material. See discussion item #1.

2. Two bulldozers graded the beach between Station 43+00 and Station 48+00.

3. Six berm width measurements were taken along completed profile sections with a tape measure. The tape measured berm widths were compared with the GPS measured berm widths and are shown in the following table:

Station	Berm Width (feet)		
	Tape Measure	GPS	Template
25+00	282	278	280
26+00	281	280	280
27+00	282	282	280
28+00	279	286	280
29+00	282	280	280
29+20	282	262	280

4. The WMI mechanic and heavy equipment operators cleaned and made necessary repairs to the bulldozer that was extricated from the sand on 7/26.

5. A pile of dead vegetation and non-treated wood was burning near Station 66+00 Range -0+10. The burn appeared to be under control.

6. a) Equipment operating inconsistencies were found in the 7/27 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that Marsh Buggy 879 was gathering and stock piling debris for burning while item #3, equipment data, states that Marsh Buggy 879 was down for repairs.

   b) Dredge operating time inconsistencies were observed within the WMI Daily Dredge Report (DDR). The cut information summary states that the Tom James did not operate for 18.08 hours while the Levermans Log shows that the Tom James did not operate for 17.75 hours. The Levermans Log states that the discharge anchor was reset between 10:25 and 10:45 and should read that the discharge anchor was reset between 22:25 and 22:45 to keep the WMI DDR consistent.

7. The Tom James excavated an average of approximately 0.5 feet and a maximum of 6.5 feet below the required overburden removal cut depth between 17:38 and 20:44.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 28, 2006 OBSERVATION REPORT NO: 125

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the operating status of the Tom James. Gary stated that the Tom James was removing overburden material from the borrow area and will most likely begin pumping sand to the beach on Monday.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

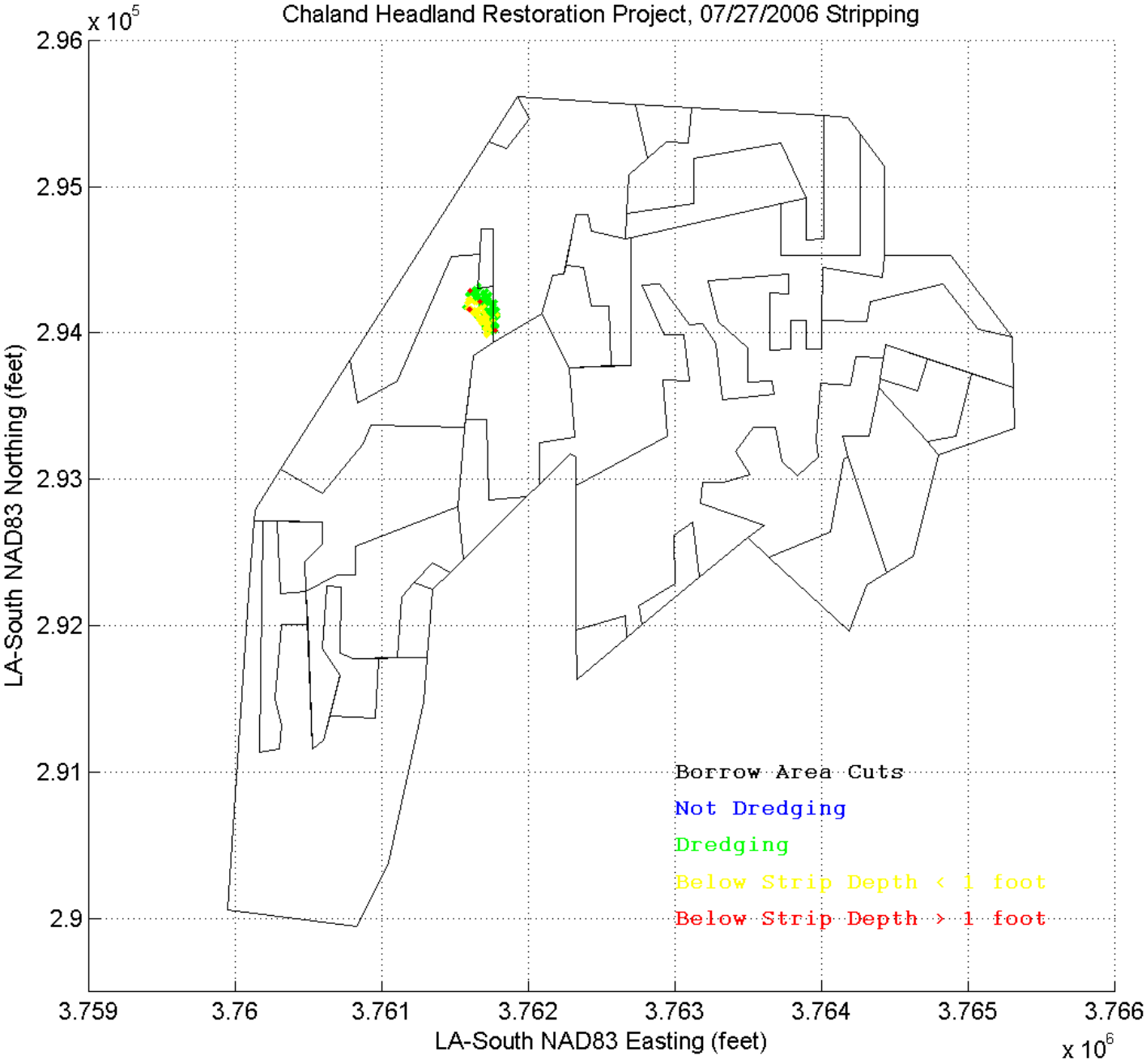
1. No.

South outfall near Station 23+50.

Bulldozer grading the beach near Station 45+00.

WMI repairing and cleaning the bulldozer that was extracted from the sand on 7/26.

Gulf of Mexico wave conditions near Station 77+60.


Chaland Headland Restoration Project, 07/27/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 29, 2006 | OBSERVATION REPORT NO: 126
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 256
ARRIVAL TIME: 14:00 DEPARTURE TIME: 17:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: SE 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Preparation and Overburden Removal
OUTFALL LOCATION: Station 23+50
NORTH CONTAINMENT DIKE LOCATION: Station 7+00
SOUTH CONTAINMENT DIKE LOCATION: Station 7+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 5+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Equipment operating inconsistencies were found in the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	N/A
18.	Has debris been removed prior to placement of fill?	N/A
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	No
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	No
	Location:	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 29, 2006 OBSERVATION REPORT NO: 126

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh. The Tom James stripped overburden material from the borrow area and sidecast the stripped material.

2. A bulldozer was adding dead vegetation and non-treated wood to an existing burn pile near Station 96+96 Range -0+60. The burn appeared to be under control.

3. A marsh buggy was piling dead vegetation and non-treated wood near Station 111+48 Range 0+00.

4. Marsh elevation measurements along Station 9+84 and Station 14+68 were taken with a tape measure. The marsh has not dewatered sufficiently to take elevation measurements with the tape measure east of Station 14+68. The distance between the upper tolerance marker for the marsh elevation, delineated in pink, and the marsh surface was measured. The measured marsh elevations are shown in the following table:

Station	Range	Marsh Elevation (feet NAVD)
9+84	-6+00	3.2
9+84	-6+00	2.8
9+84	-6+00	2.8
9+84	-6+00	3.1
14+68	-3+50	3.3
14+68	-3+50	3.3
14+68	-3+50	3.6
14+68	-3+50	3.6

5. Equipment operating inconsistencies were found in the 7/28 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that the Tom James was working in the borrow area under normal conditions while item #3, equipment data, states that the Tom James is ashore due to weather.

6. On 7/28 the Tom James cutter head excavated below the required overburden removal cut depth for less than two minutes on several occasions. The Tom James cutter head excavated an average of 0.7 feet and a maximum of 3.5 feet below the required overburden removal cut depth throughout the entire day.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 29, 2006 OBSERVATION REPORT NO: 126

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I informed Jason Manthey (NOAA) that Gary Johnson (WMI) was not on the project site. Jason stated that Gary submitted an email stating his absence and that Captain Frank Gill (WMI) is the project superintendent until Gary returns on Monday.

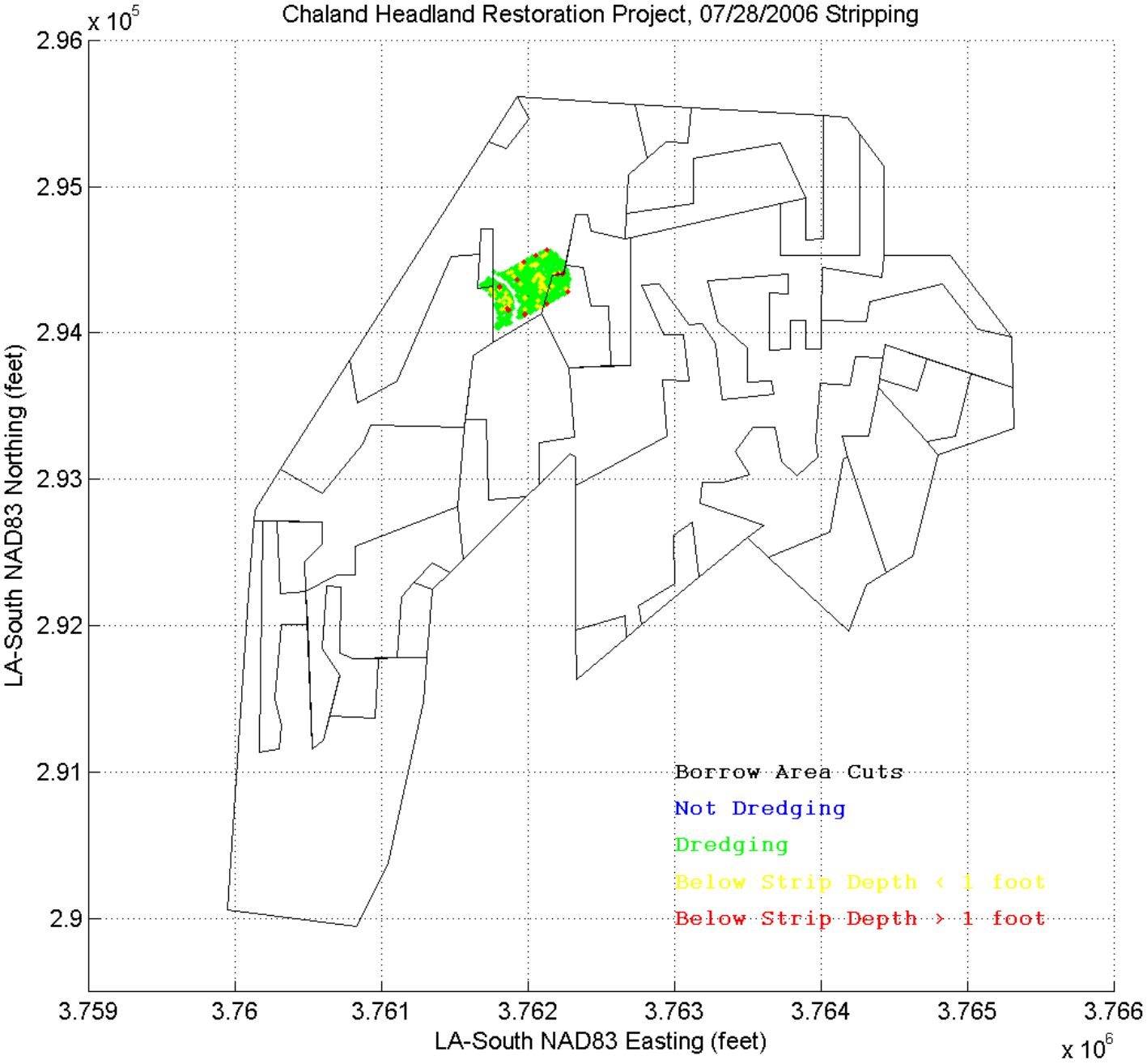
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Center outfall near Station 23+50.

Bulldozer adding material to the burn pile near Station 96+96.

Gulf of Mexico wave conditions near Station 77+60.


Chaland Headland Restoration Project, 07/28/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 30, 2006 | OBSERVATION REPORT NO: 127
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 257
ARRIVAL TIME: 13:00 DEPARTURE TIME: 15:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: S 0-5 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Preparation and Overburden Removal
OUTFALL LOCATION: Station 23+50
NORTH CONTAINMENT DIKE LOCATION: Station 7+00
SOUTH CONTAINMENT DIKE LOCATION: Station 7+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 5+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Bird patrol deficiency was found in the WMI DQCR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	Observation #3
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 30, 2006 OBSERVATION REPORT NO: 127

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh. The Tom James stripped overburden material from the borrow area and sidecast the stripped material.

2. A marsh buggy was piling dead vegetation and non-treated wood near Station 111+48 Range 0+00.

3. A bulldozer graded the northern slope of the dune between Station 31+00 and Station 34+00. The slope and grade of the northern slope of the dune has been achieved between Station 18+00 and Station 53+40. The achieved slope and grade extends from the southern extent of the marsh to the northern extent of the dune crest. Profiles where the design grade of the dune crest has not been achieved have a northern containment dike with a crest elevation of 6 feet NAVD which blends into the northern slope of the dune.

4. Two bulldozers moved the north containment dike approximately 25 feet north to a Range 30 feet north of the northern extent of the dune crest between Station 7+00 and Station 14+68.

5. WMI surveyors performed check surveys of the beach near Station 35+00. The beach surveys extended approximately 250 feet north of the northern toe of the dune. See discussion item #1.

6. A pile of dead vegetation and non-treated wood was burning near Station 53+40 Range -3+00. The burn appeared to be under control.

7. A deficiency in the daily patrol for protected birds was observed in the 7/29 WMI Daily Quality Control Report (DQCR). Item #4, daily patrol for protected birds, implies that the west beach was patrolled once on 7/29. According to Environmental Provision 7.2 the CONTRACTOR shall patrol twice daily, gulf-side beaches, associated sand flats and overwash areas, and island fill areas to identify any nesting birds from the initiation of construction activities through September 15.

8. On 7/29 the Tom James cutter head excavated below the required overburden removal cut depth for less than three minutes on several occasions. During these intervals the Tom James cutter head excavated an average of approximately 0.5 feet and a maximum of 2.5 feet below the required overburden removal cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with the WMI surveyors about the measured marsh elevations near Station 35+00. The WMI surveyors stated that the elevation of the marsh was approximately 3.5 feet NAVD.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 30, 2006 OBSERVATION REPORT NO: 127

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

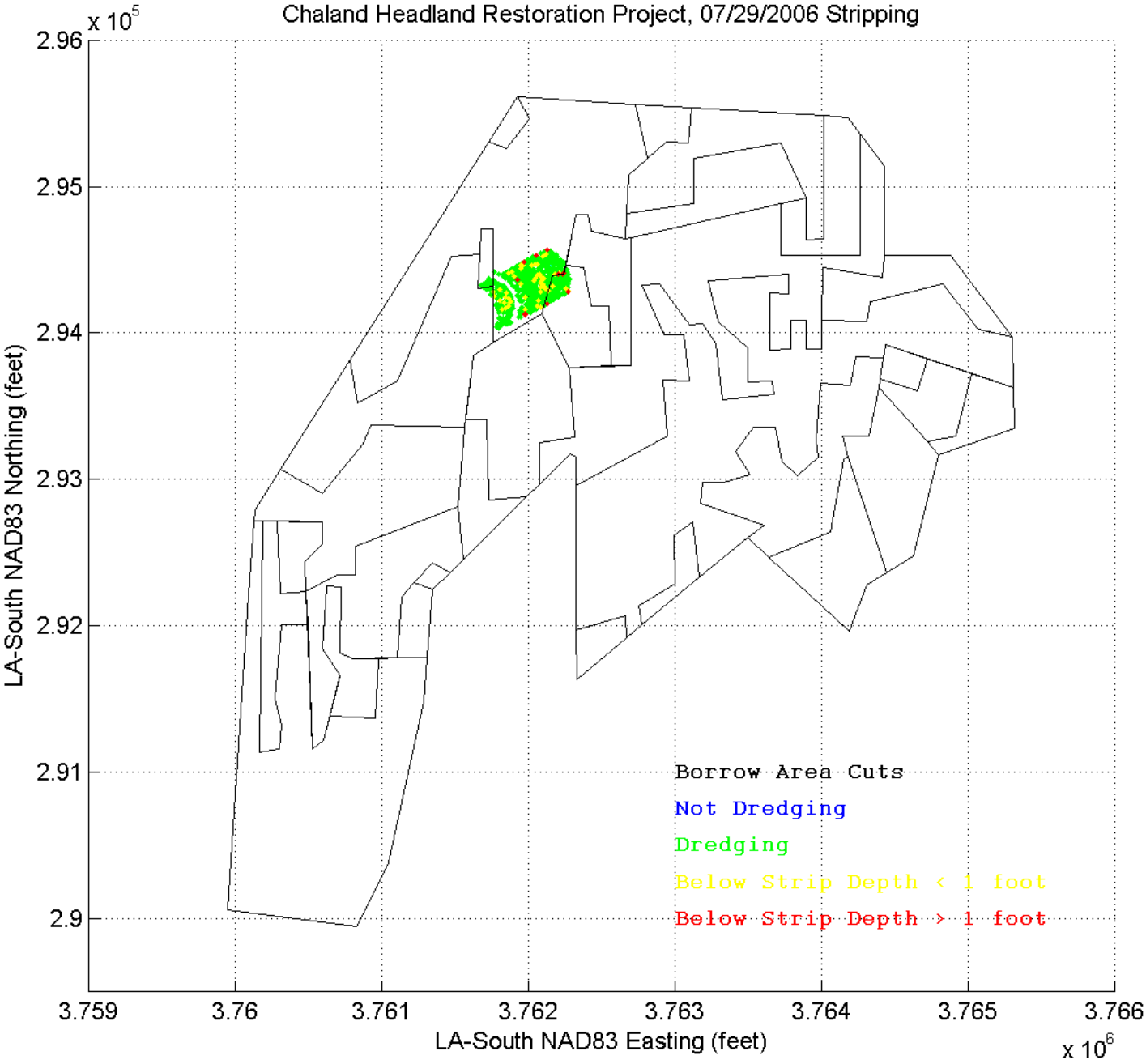
North outfall near Station 23+50.

WMI surveyors conducting a beach survey near Station 35+00.

Bulldozer grading the northern slope of the dune near Station 33+00.

Bulldozer pushing the north containment dike further north near Station 14+68.

Gulf of Mexico wave conditions near Station 77+60.


Chaland Headland Restoration Project, 07/29/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: July 31, 2006 | OBSERVATION REPORT NO: 128
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 258
ARRIVAL TIME: 14:30 DEPARTURE TIME: 17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SSW 0'-1'
WIND SPEED AND DIRECTION:	S 5-10 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 24+00
CENTER OUTFALL LOCATION:	Station 23+50
SOUTH OUTFALL LOCATION:	Station 23+50
NORTH CONTAINMENT DIKE LOCATION:	Station 7+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 5+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 5+00
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Bird patrol deficiency and operating inconsistencies.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach grade staking near Station 9+84.		Observation #4

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH023, Sta. 22+00 Ra. 1+00 (N29.3124° W89.7782°), 15:00		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: July 31, 2006 OBSERVATION REPORT NO: 128

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach using three outfalls with 90° dredge pipe elbows that were pointed upwards. The outfalls were located near Station 24+00 Range -0+80, Station 23+50 Range -0+50, and Station 23+50 Range 0+25 and pointed west. The slurry flowed west along Range -0+50. Near Station 19+52 the slurry changed direction and flowed southwest toward the southern containment dike. The slurry then traveled west along the southern containment dike and entered Pass La Mer near Station 5+00 Range -9+00; a localized turbidity plume was observed in the Pass La Mer near Station 5+00 Range -9+00. The beach fill extended to Station 5+00. The elevation of the beach fill was approximately 3 feet NAVD near Station 5+00 and increased to approximately 5 feet NAVD near Station 23+00. The south containment dike along the southern extent of the dune crest had a crest elevation of approximately 7 feet NAVD between Station 23+00 and Station 5+00. The north containment dike along the northern extent of the dune crest had a crest elevation of approximately 7 feet NAVD between Station 23+00 and Station 7+00.

2. A bulldozer was building the south containment dike along Station 5+00. The western end of the south containment dike sweeps north near Station 5+00 and extends to Range -9+00. The crest elevation of the south containment dike along Station 5+00 is approximately 6 feet NAVD. See discussion item #1.

3. Two bulldozers worked the south containment dike near Station 19+56 to maintain the 6 foot NAVD crest elevation.

4. WMI surveyors replaced missing grade stakes on the dune crest near Station 9+84.

5. Sand sample CH023 was taken at Station 22+00 Range 1+00 (N29.3124° W89.7782°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the center outfall was taken at 15:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 45-minute marks. The discharge sample suggested that the percentage of sand in the discharge was greater than previously observed.

7. a) Equipment operating inconsistencies were found in the 7/30 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that a single marsh buggy was degrading high spots in the pumped marsh fill area. During the 7/30 CPE observation a marsh buggy was observed piling dead vegetation and non-treated wood near Station 111+48.

   b) A deficiency in the daily patrol for protected birds was observed in the 7/30 WMI Daily Quality Control Report (DQCR). Item #4, daily patrol for protected birds, implies that the west beach was patrolled once on 7/30. According to Environmental Provision 7.2 the CONTRACTOR shall patrol twice daily, gulf-side beaches, associated sand flats and overwash areas, and island fill areas to identify any nesting birds from the initiation of construction activities through September 15.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: July 31, 2006 OBSERVATION REPORT NO: 128

8. On 7/30 the Tom James cutter head excavated below the required overburden removal cut depth for less than three minutes on several occasions. During these intervals the Tom James cutter head excavated an average of approximately 0.6 feet and a maximum of 5.2 feet below the required overburden removal cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the western extent of the south containment dike. Gary stated that the south containment dike is being constructed such that the western extent of the project will not be completely enclosed. Gary said that the containment dike will remain open to enable the slurry to flow into Pass La Mer such that pooling of the slurry will be avoided.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 24+00 Range -0+80.

Center outfall near Station 23+50 Range -0+50.

South outfall near Station 23+50 Range 0+25.

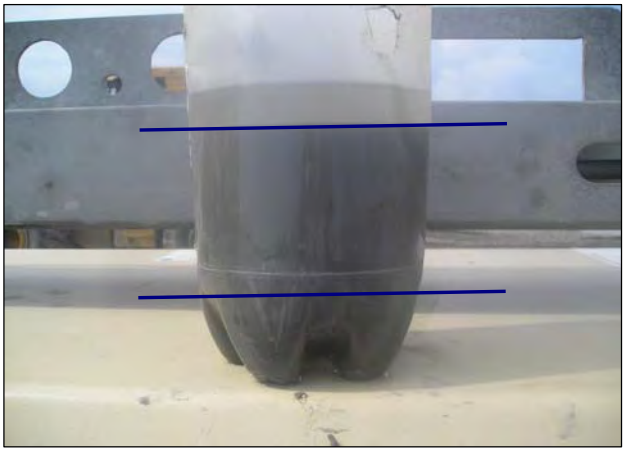
WMI surveyors preparing to replace missing grade stakes on the dune crest near Station 9+84.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

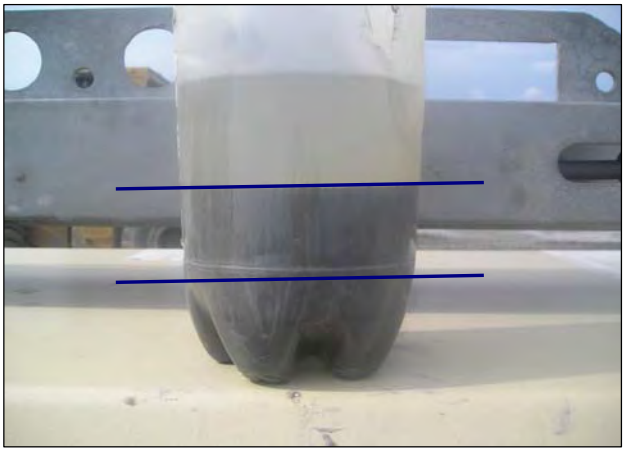
DATE: July 31, 2006 OBSERVATION REPORT NO: 128

Bulldozer constructing the south containment dike near Station 5+00 Range -6+00.

South containment dike north sweep near Station 5+00.

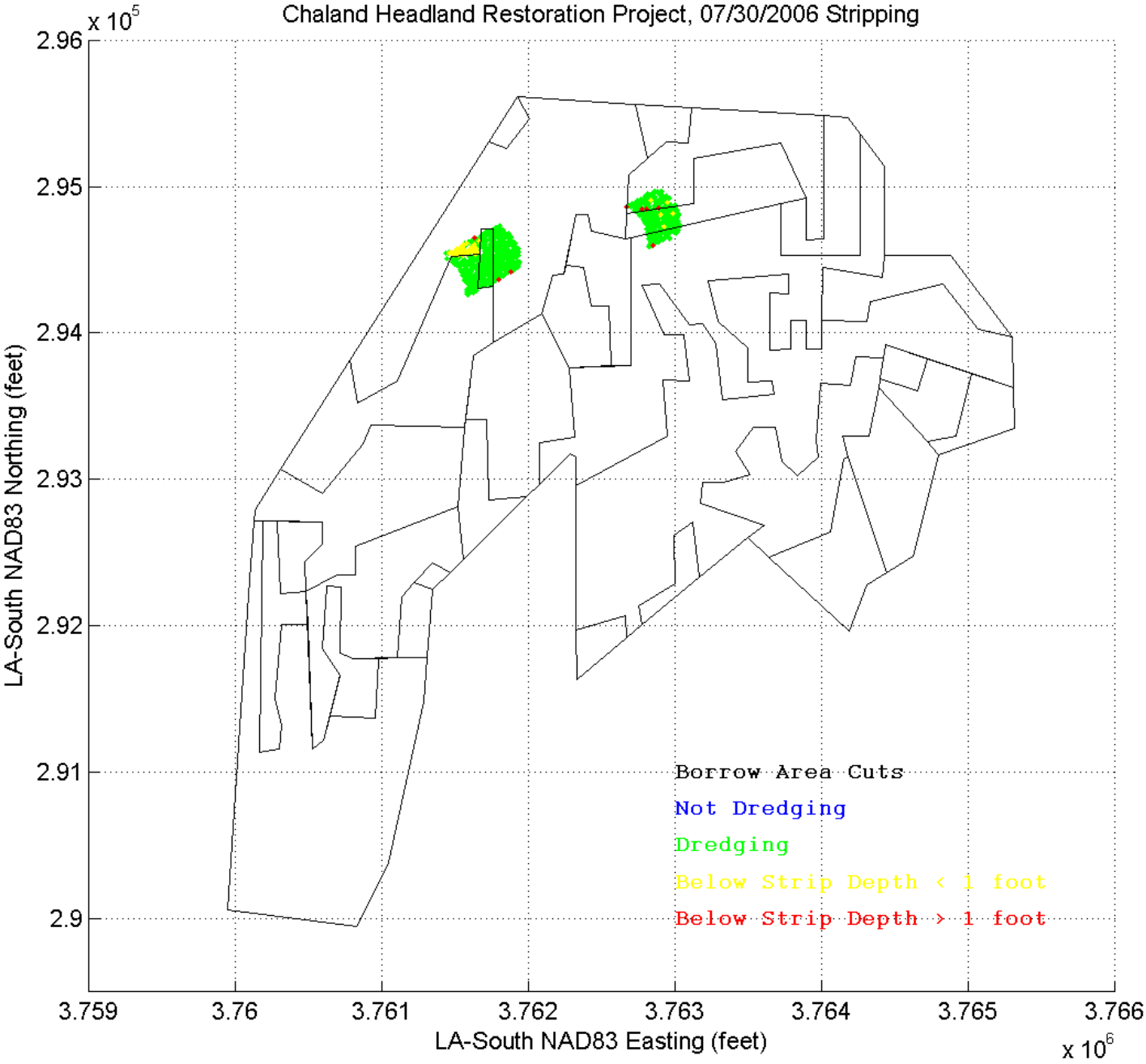


Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 45 minutes. The blue lines are used to show sand, silt, and water interfaces.

Gulf of Mexico wave conditions near Station 23+00.


Chaland Headland Restoration Project, 07/30/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 1, 2006 | OBSERVATION REPORT NO: 129
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 259

ARRIVAL TIME:	9:30	DEPARTURE TIME:	11:00
	14:00		16:30
	19:15		20:15

WEATHER CONDITIONS:	Overcast, Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	SE 0-5 mph, S 5-10 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 24+00
CENTER OUTFALL LOCATION:	Station 23+50
SOUTH OUTFALL LOCATION:	Station 23+50
NORTH CONTAINMENT DIKE LOCATION:	Station 7+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 5+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 3+00
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Bird patrol deficiency and discharge location inconsistency.		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #9

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH024, Sta. 19+00 Ra. -1+80 (N29.3133° W89.7789°), 15:10		Observation #6
20.	Has a discharge sample been collected?	Yes	Observation #7
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 1, 2006 OBSERVATION REPORT NO: 129

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach using three outfalls with 90° dredge pipe elbows that were pointed upwards. The outfalls were located near Station 24+00 Range -0+80, Station 23+50 Range -0+50, and Station 23+50 Range 0+25 and pointed west. The slurry flowed northwest to Station 19+00 Range -1+80. Near Station 19+00 the slurry changed direction and flowed southwest toward the southern containment dike near Station 9+00 Range -3+60. The slurry then traveled west along the southern containment dike and entered Pass La Mer near Station 3+00 Range -8+00; a localized turbidity plume was not observed where the slurry entered Pass La Mer. The beach fill extended to Station 3+00. The elevation of the beach fill was approximately 2 feet NAVD near Station 3+00 and increased to approximately 6 feet NAVD near Station 23+00. The south containment dike along the southern extent of the dune crest had a crest elevation of approximately 7 feet NAVD between Station 23+00 and Station 5+00. The north containment dike along the northern extent of the dune crest had a crest elevation of approximately 7 feet NAVD between Station 23+00 and Station 7+00.

2. A bulldozer was building the south containment dike along Station 5+00. The western end of the south containment dike sweeps north near Station 5+00 and extends to Range -6+00. The crest elevation of the south containment dike along Station 5+00 is approximately 6 feet NAVD.

3. Two bulldozers worked the north containment dike near Station 19+00 and the south containment dike near Station 9+84 to maintain the 6 foot NAVD crest elevation.

4. A bulldozer graded the northern slope of the dune near Station 57+00.

5. The WMI mechanic worked on bulldozer 8825. See discussion item #1.

6. Sand sample CH024 was taken at Station 19+00 Range -1+80 (N29.3133° W89.7789°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

7. A sample of the discharge from the center outfall was taken at 14:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 45-minute marks. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 7/31.

8. a) Discharge location inconsistencies were found in the 7/31 WMI Daily Quality Control Report (DQCR). The WMI DQCR summary states that the discharge was located at Station 23+30/106 feet west of pay profile line no. CG7 when Station 23+30 is 106 feet west of pay profile line no. CG5.

DATE: August 1, 2006 OBSERVATION REPORT NO: 129

b) b) A deficiency in the daily patrol for protected birds was observed in the 7/31 WMI Daily Quality Control Report (DQCR). Item #4, daily patrol for protected birds, implies that the west beach was patrolled once on 7/31. According to Environmental Provision 7.2 the CONTRACTOR shall patrol twice daily, gulf-side beaches, associated sand flats and overwash areas, and island fill areas to identify any nesting birds from the initiation of construction activities through September 15. See discussion item #2.

9. a) On 7/31 the Tom James cutter head excavated below the required overburden removal cut depth for less than one minute on two occasions. During these intervals the Tom James cutter head excavated an average of approximately 1.5 feet and a maximum of 3.7 feet below the required overburden removal cut depth.

b) On 7/31 the Tom James cutter head excavated below the permitted cut depth for less than three minutes on several occasions. During these intervals the Tom James cutter head excavated an average of approximately 1.6 feet and a maximum of 3.7 feet below the permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with the WMI mechanic about bulldozer 8825. The mechanic stated that the bulldozer was damaged when its pan became stuck in the sand during the night shift.

2. I spoke with Jeffrey Thompson (WMI) about the daily patrol for protected birds. Jeffrey stated that all beaches are patrolled twice daily. Jeffrey said that he has been changing only the patrol times and not the wording when writing the WMI DQCR. Jeffrey stated that he will change the wording daily to better describe the activities that were performed.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 24+00 Range -0+80.

Center outfall near Station 23+50 Range -0+50.

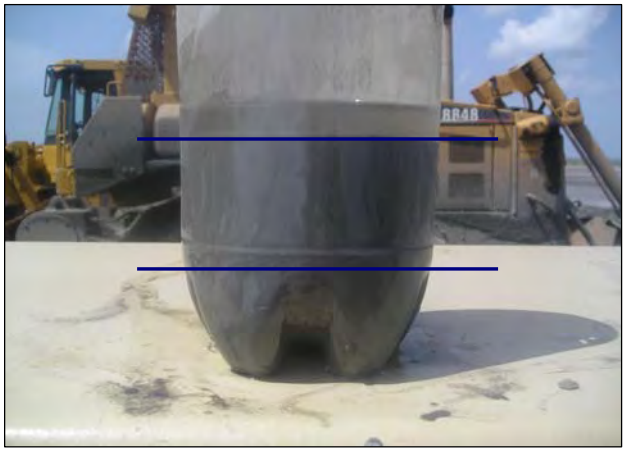
South outfall near Station 23+50 Range 0+25.

Gulf of Mexico wave conditions near Station 23+50.

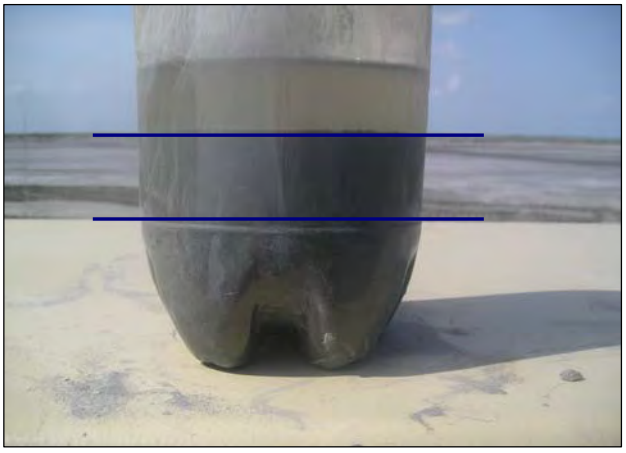
DATE: August 1, 2006 OBSERVATION REPORT NO: 129

Bulldozer constructing the north containment dike near Station 19+00.

Bulldozer constructing the south containment dike near Station 9+84.

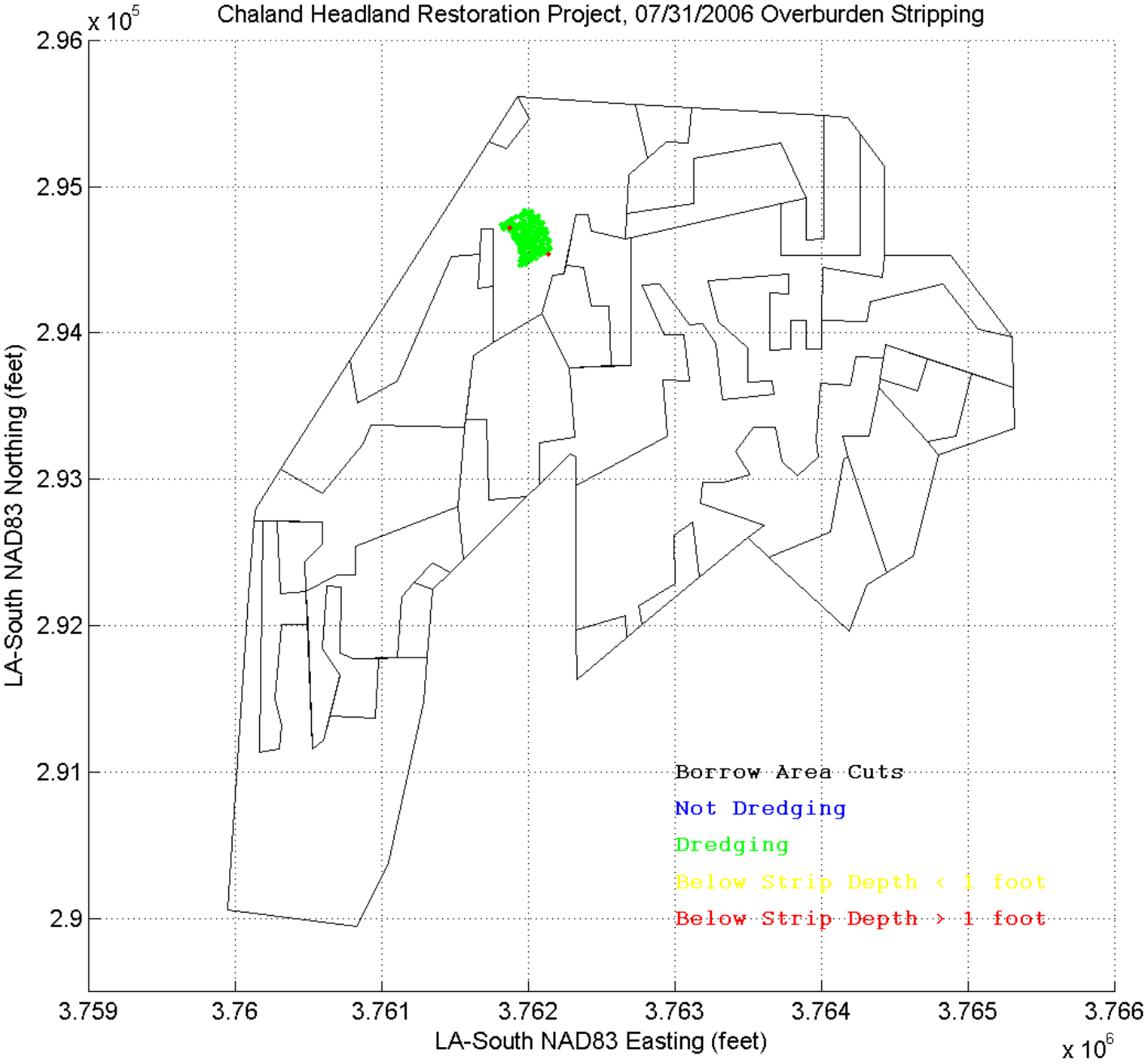


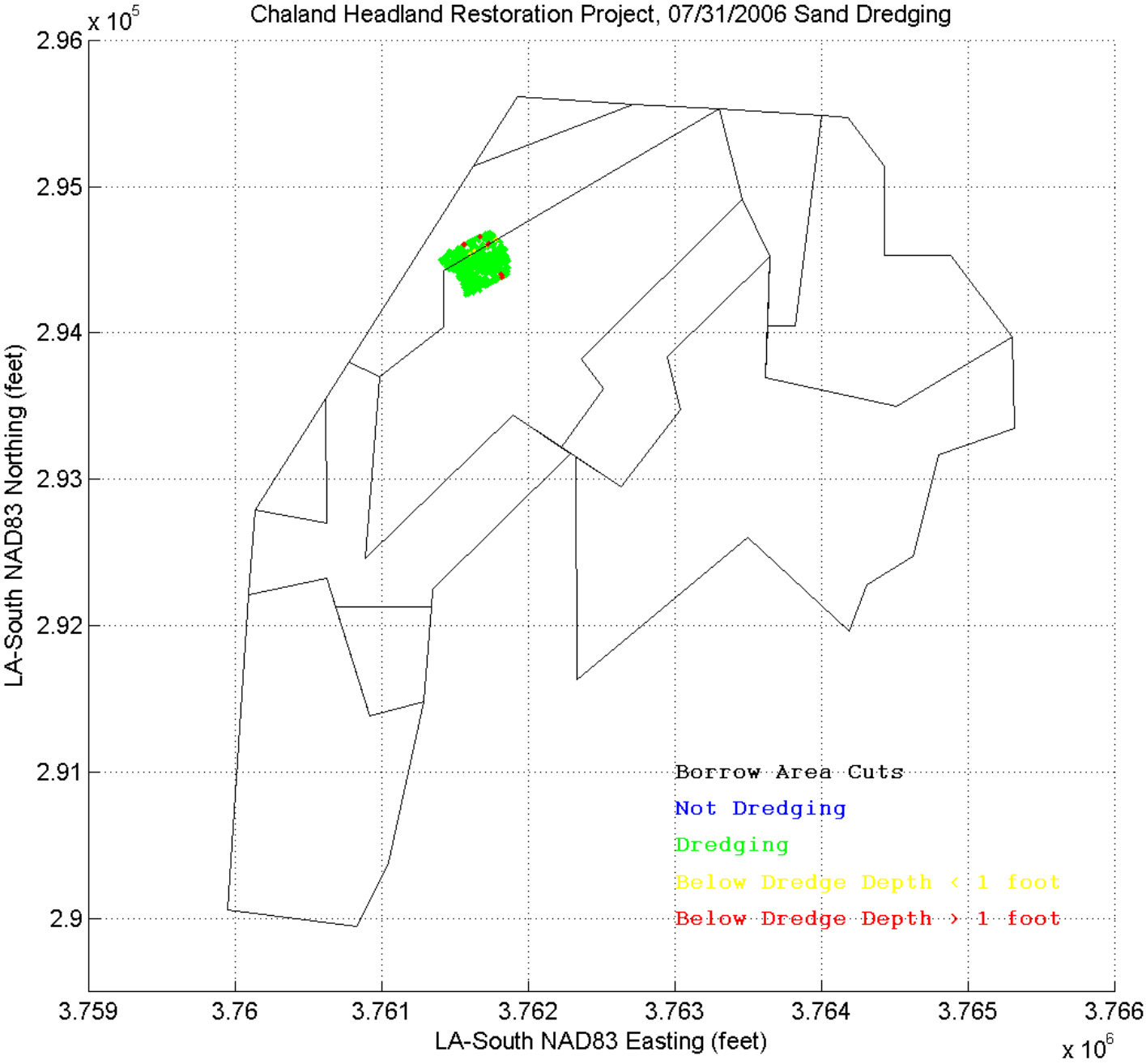
Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.

Bulldozer grading the northern slope of the dune near Station 73+00.


Chaland Headland Restoration Project, 07/31/2006 Overburden Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot


Chaland Headland Restoration Project, 07/31/2006 Sand Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 2, 2006 | OBSERVATION REPORT NO: 130
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 260
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 12:00
15:00 | 17:30
19:30 | 20:15

WEATHER CONDITIONS: Partly Cloudy, Clear
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: SE 0-5 mph, S 5-10 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 21+70, Station 20+00
CENTER OUTFALL LOCATION: Station 21+70, Station 20+00
SOUTH OUTFALL LOCATION: Station 21+70, Station 20+00
NORTH CONTAINMENT DIKE LOCATION: Station 7+00
SOUTH CONTAINMENT DIKE LOCATION: Station 5+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 3+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	Observation #4
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #12

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH025, Sta. 20+00 Ra. -0+40 (N29.3128° W89.7786°), 15:10		Observation #10
20.	Has a discharge sample been collected?	Yes	Observation #11
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	Observation #8
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 2, 2006 OBSERVATION REPORT NO: 130

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach using three outfalls with 90° dredge pipe elbows that were pointed upwards. The outfalls were located near Station 20+00 at Range -1+30, Range -0+40, Range 0+60 and pointed west. The slurry flowed west in a self created flow channel toward Station 9+84 Range -3+00 where it then flowed northwest along the south containment diike to the extent of fill near Station 3+00 Range -7+00. A localized turbidity plume was observed where the slurry entered Pass La Mer near Station 3+00 Range -7+00. The beach fill elevation was approximately 4 feet NAVD near Station 7+00 and increased to approximately 5 feet NAVD near Station 20+00. The south containment dike along the southern extent of the dune crest had a crest elevation of approximately 7 feet NAVD between Station 20+00 and Station 5+00. The north containment dike along the northern extent of the dune crest had a crest elevation of approximately 7 feet NAVD between Station 20+00 and Station 7+00.

2. Two bulldozers built a north-south running containment dike between the northern extent of the dune crest (Range -1+80) and the southern extent of the dune crest (Range 0+88) along Station 19+00. No silt pockets were observed in the fill area.

3. A center containment dike was constructed that extended from Station 19+56 to Station 21+00 along Range -0+40. The elevation of this containment dike was approximately 8 feet NAVD.

4. A pipeline protruded from the surface of the beach fill near Station 43+72 Range 0+75. See discussion item #1.

5. The WMI mechanic was fixing WMI bulldozer #8833 and bulldozer #8827. See discussion item #2.

6. A bulldozer graded the equipment access road along Station 77+60 between Range -15+00 and Range 0+00.

7. A marsh buggy trenched the east side of the equipment access road near Station 77+60 Range -14+00. The additional trenching cleared the flow exit area east of the installed drain pipe.

8. A bulldozer graded the northern slope of the dune near between Station 22+00 and Station 20+00. The excess material was used to maintain the northeast corner of the north containment dike near Station 20+00 Range -1+80.

9. Two bulldozers maintained the 7 foot NAVD crest elevation of the south containment dike near Station 9+84.

10. Sand sample CH025 was taken at Station 20+00 Range -0+40 (N29.3128° W89.7786°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

11. A sample of the discharge from the center outfall was taken at 16:20 in a 2-liter bottle to determine the relative silt content; a documentary photograph was taken at the 15-minute mark. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 7/31.

DATE: August 2, 2006 OBSERVATION REPORT NO: 130

12. On 8/1 the Tom James cutterhead excavated below the permitted cut depth for less than three minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 1.3 feet and a maximum of 3.2 feet below the permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the exposed pipeline that protrudes from the beach fill near Station 43+72 Range 0+75. Gary stated that WMI is not responsible for removing the cut pipelines. Gary said that the pipeline is not active and that there are many pipelines like this around the entire project site. Gary stated that the exposed pipeline will be covered by beach fill and should not be a problem.

2. I spoke with the WMI mechanic about the bulldozers being repaired, specifically bulldozer #8833. The mechanic stated that bulldozer #8833 blew an o-ring and should be ready for use later in the day. I asked the mechanic if the problem was caused by an over demand for power. The mechanic stated that the problem was not caused by an over demand for power but is a recurring problem with the bulldozers on site and it affects the steering of the equipment.

3. I spoke with Anthony Vest (WMI) about the survey activities. Anthony stated that the survey crew performed check surveys of the beach between Station 49+00 and Station 63+00. Anthony said that a check survey of the beach was also performed along Station 30+00 and Station 32+00. Anthony stated that the grade stakes near the outfall were checked to confirm the appropriate spacing.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 21+70 Range -1+20.

Center outfall near Station 21+70 Range -0+30.

South outfall near Station 21+70 Range 0+45.

Gulf of Mexico wave conditions near Station 20+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: August 2, 2006 OBSERVATION REPORT NO: 130

Exposed pipeline in the beach fill near Station 43+72 Range 0+75.

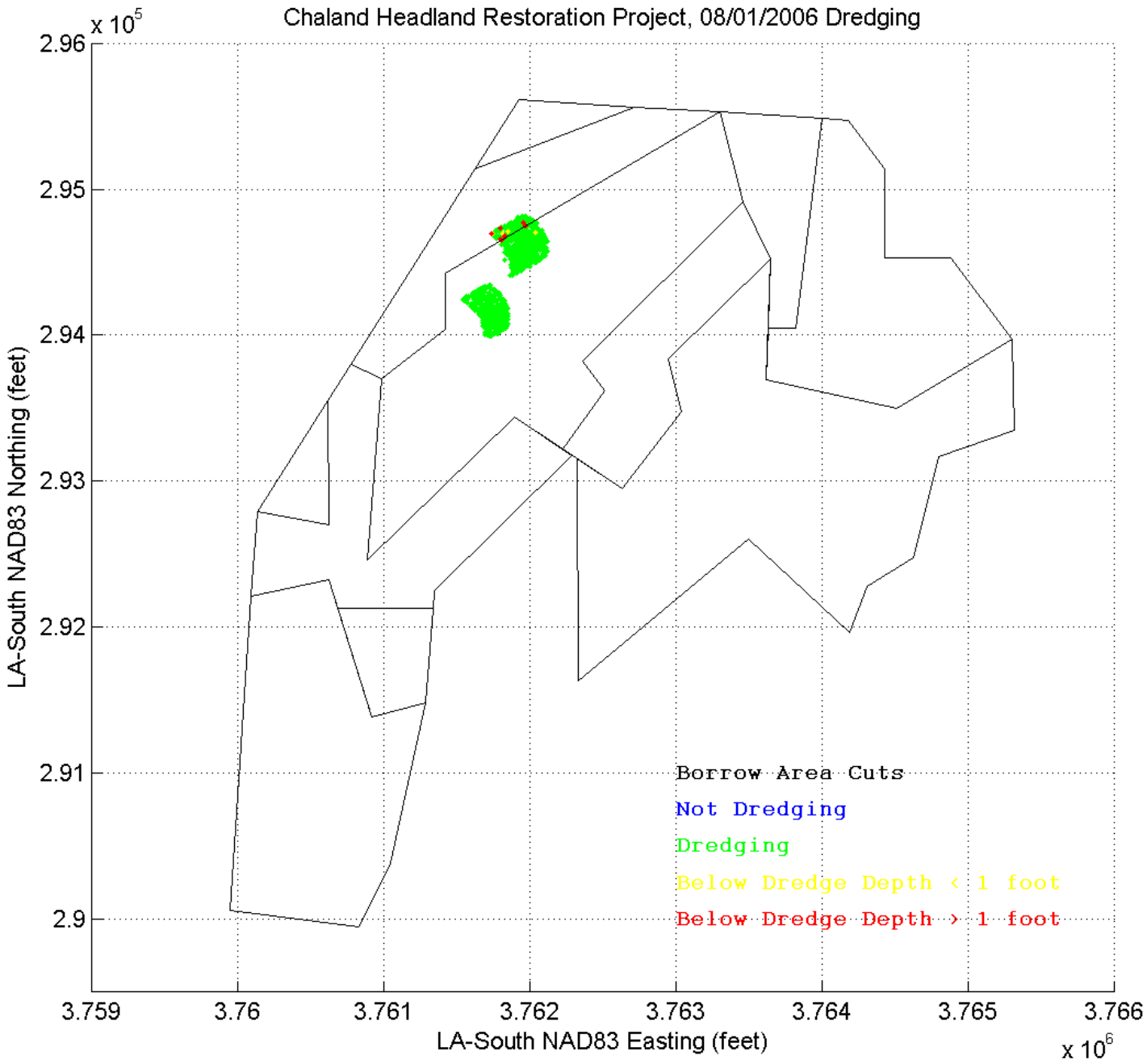
Bulldozer grading the equipment access road.

Trenching completed by the marsh buggy east of the equipment access road near Station 77+60 Range -14+00.

Bulldozer constructing the north-south running containment dike along Station 19+00 Range -1+50.

Bulldozer grading the northern slope of the dune near Station 21+00.

Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 08/01/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 3, 2006 | OBSERVATION REPORT NO: 131
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 261

ARRIVAL TIME:	8:00	DEPARTURE TIME:	10:30
	16:00		18:00
	19:30		20:15

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	S 0'-2'
WIND SPEED AND DIRECTION:	SSE 0-5 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 18+00
CENTER OUTFALL LOCATION:	Station 17+80
SOUTH OUTFALL LOCATION:	Station 18+60, Station 18+00
NORTH CONTAINMENT DIKE LOCATION:	Station 7+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 5+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 3+00, Station 2+00
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: No survey crew activities listed.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	No	Observation #2
6.	Are there any safety concerns at present?	Yes	Discussion #1
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH026, Sta. 16+75 Ra. -1+60 (N29.3133° W89.7747°), 9:10		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 3, 2006 OBSERVATION REPORT NO: 131

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Beach check survey between Station 5+00 and Station 30+00.		Observation #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #2

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach using three outfalls with 90° dredge pipe elbows that were pointed upwards. The outfalls were located near Station 18+00 at Range -1+14, Range -0+60, Range 0+50 and pointed west. The slurry discharged from the south outfall flowed west along the south containment dike. The slurry discharged from the center and north outfalls flowed west along the north containment dike to Station 9+84 where it then flowed toward the south containment dike. Near Station 9+84 the combined slurry traveled west along the south containment dike to the extent of fill near Station 2+00 Range -5+00. The beach fill elevation was approximately 3 feet NAVD near Station 7+00 and increased to approximately 5 feet NAVD near Station 18+00. The south containment dike along the southern extent of the dune crest had a crest elevation of approximately 8 feet NAVD between Station 18+00 and Station 5+00. The north containment dike along the northern extent of the dune crest had a crest elevation of approximately 8 feet NAVD between Station 18+00 and Station 7+00.

2. A localized turbidity plume was observed where the slurry entered Pass La Mer near Station 2+00 Range -5+00. Around 17:30 the width of Pass La Mer had decreased to approximately 200 feet. See discussion item #1.

3. Check surveys of the beach fill were conducted along Station 26+00. See discussion item #2.

4. Bulldozers maintained the north and south containment dikes. A bulldozer maintained the 8 foot NAVD crest elevation of the north containment dike near Station 16+50. Two bulldozers maintained the 8 foot NAVD crest elevation of the south containment dike near Station 9+84.

5. Sand sample CH026 was taken near Station 16+75 Range -1+60 (N29.31327° W89.77473°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the center outfall was taken at 8:40 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 30-minute marks. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 7/31.

7. The 8/2 WMI Daily Quality Control Report appeared incomplete. According to Anthony Vest (WMI) the WMI surveyors performed check surveys of the beach fill between Station 49+00 and Station 63+00 on 8/2. The 8/2 WMI DQCR does not state WMI survey activities performed on the beach.

8. On 8/2 the Tom James cutterhead excavated below the permitted cut depth for less than one minute on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.4 feet and a maximum of 1.0 feet below the permitted cut depth.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 3, 2006 OBSERVATION REPORT NO: 131

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the shrinking width of Pass La Mer. Gary stated that placing fill outside the project limits will likely close the Pass by tomorrow and there is nothing that WMI can do to prevent the it from closing. Gary stated that he realizes WMI is outside the project limits and is in violation of the permit. I spoke with Rachel Sweeney (NOAA) about the anticipated closure of Pass La Mer. Rachel stated that her immediate concern is boating safety. I informed Gary of the navigation safety concern and Gary stated that conduits with marker tape will be placed on both the north and south sides of the fill which extends into Pass La Mer tomorrow morning during high tide. I submitted an email to the project team immediately informing them of the situation.

2. I spoke with Jeffrey Thompson (WMI) about the check surveys. Jeffrey stated that check surveys of the beach fill were conducted between Station 5+00 and Station 30+00. Jeffrey said that the WMI survey crew also checked beach grade stakes and reset or replaced as necessary.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. The contractor did not maintain operations within authorized areas specified in Technical Provision 20.1 which states that "All marsh, dune, and beach fill excavated from the borrow areas shall be transported to, and hydraulically deposited on, the beach and dune, or marsh within the lines, grades and cross sections shown in the plans for the type of fill being placed (marsh or dune/beach), unless otherwise provided for herein or directed by the GOVERNMENT. See observation #2 and discussion item #1.

North outfall near Station 18+00 Range -1+14.

Center outfall near Station 17+80 Range -0+58.

South outfall near Station 18+60 Range 0+52.

Gulf of Mexico wave conditions near Station 18+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: August 3, 2006 OBSERVATION REPORT NO: 131

Fill extending into Pass La Mer.

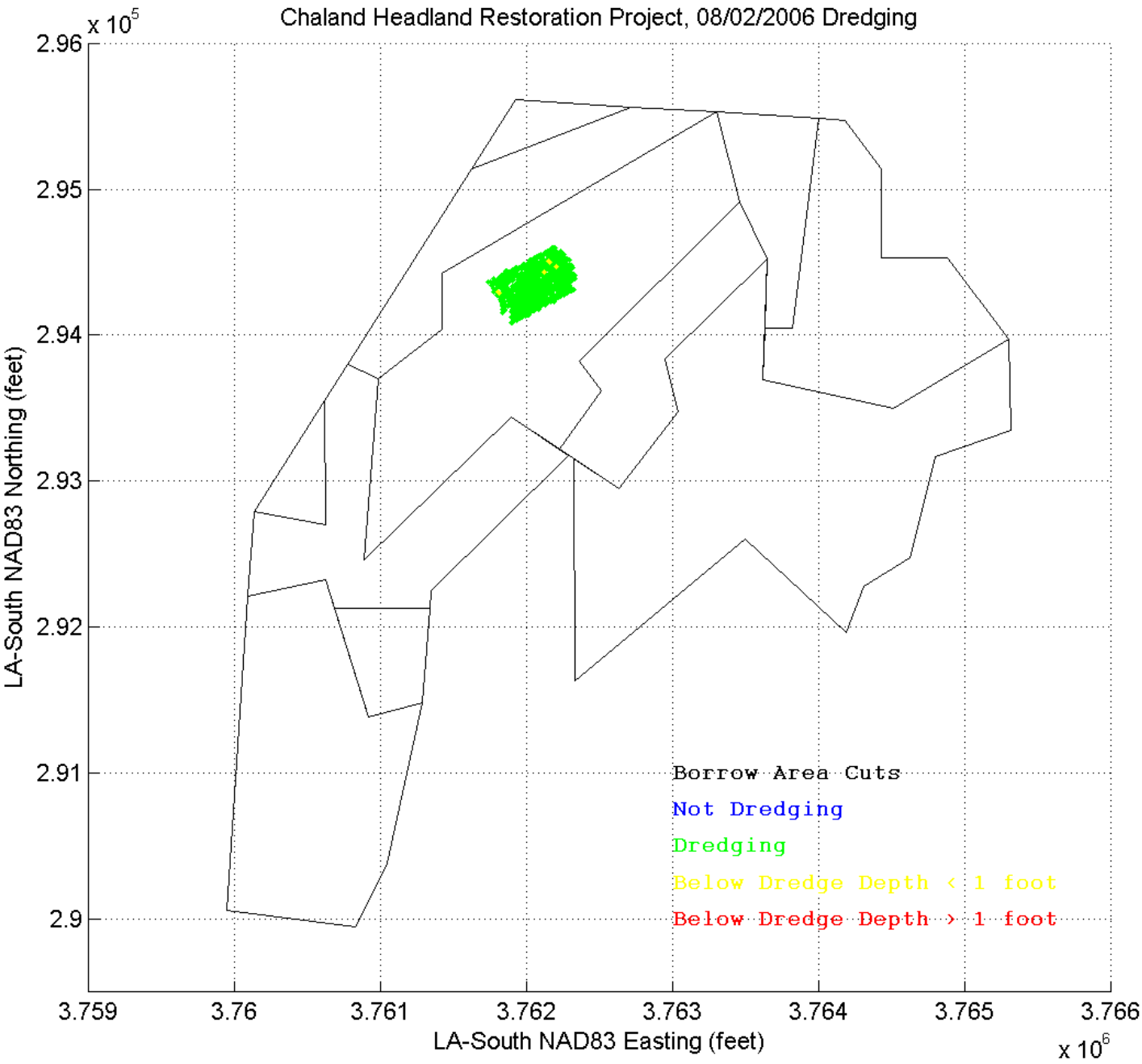
WMI surveyors performing check surveys of the beach fill near Station 26+00.

Bulldozers maintaining the south containment dike near Station 9+84.

Bulldozer maintaining the north containment dike near Station 16+50.

Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.

Discharge sample after settling for 30 minutes. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 08/02/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 4, 2006 | OBSERVATION REPORT NO: 132
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 262
ARRIVAL TIME: 6:15 | DEPARTURE TIME: 8:15
17:15 | 19:15

WEATHER CONDITIONS:	Partly Cloudy, Overcast
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	S 0-5 mph, SE 5-10 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 16+40 (pumping west), Station 38+60 (pumping east)
CENTER OUTFALL LOCATION:	Station 16+70 (pumping west), N/A (pumping east)
SOUTH OUTFALL LOCATION:	Station 16+30 (pumping west), Station 32+00 (pumping east)
NORTH CONTAINMENT DIKE LOCATION:	Station 7+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 8+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 3+30
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: No survey crew activities listed.		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	No	Observation #3
6.	Are there any safety concerns at present?	No	Observation #4
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #9

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH027, Sta. 16+00 Ra. -1+80 (N29.31338° W89.77980°), 7:05		Observation #6
20.	Has a discharge sample been collected?	Yes	Observation #7
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 4, 2006 OBSERVATION REPORT NO: 132

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	Observation #4
	Description: Caution fencing was placed across Pass La Mer.		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #2

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI was pumping sand to the west in the morning at 6:15, stopped pumping at 7:45, and then started pumping sand east. See discussion item #1.

2. During the 6:15 observation sand was mushroom discharged to the beach using three outfalls with 90° dredge pipe elbows that were pointed upwards. The outfalls were located near Station 16+40 Range -1+10, Station 16+70 Range -0+70, Station 16+30 Range 0+20 and pointed west. The slurry flowed northwest toward the north containment dike near Station 14+00 Range -2+10 and then flowed southwest toward the south containment dike near Station 9+84 Range -3+00. Near Station 9+84 the slurry flowed west along the south containment dike and entered the Gulf of Mexico near Station 6+00 Range 0+00; a localized turbidity plume was observed in the Gulf of Mexico near Station 6+00 Range 0+00. The fill elevation was approximately 2 feet NAVD near Station 7+00 and linearly increased to 5 feet NAVD near Station 16+00. The south containment dike extended to Station 8+00 Range -3+00. The north containment dike extended to Station 9+00 Range -4+00 and then swept southwest to Station 7+00 Range -3+00. Both north and south cntainment dikes had a crest elevation of approximately 6 feet NAVD.

3. Breaking waves, with a breaking height less than 1 foot, on the west side of Pass La Mer indicated that the Pass was between 100 feet and 200 feet wide at 7:30. This observation was made when the tide level was approximately 1.4 feet NAVD. See the photographs below.

4. Orange construction fencing was placed across Pass La Mer along Range -5+00 between Station 3+00 and Station 0+00. A gap approximately 10 feet wide was observed west of the orange construction fence and east of the island west of the project area to facilitate passage of small boats. No breaking waves were observed in this gap during low tide. See discussion item #4.

5. During the 17:15 observation a Y-Valve with the split ends pointing east was located near Station 30+20 Range -0+25. Two bulldozers and the shore crew advanced the south discharge west to Station 32+00. The north shore pipe extended to Station 38+60. Sand was mushroom discharged to the beach from the northern outfall using a 90° dredge pipe elbow that was pointed upwards. The northern outfall was located near Station 38+60 Range -0+50 and pointed east.

6. Sand sample CH027 was taken near Station 16+00 Range -1+80 (N29.31338° W89.77980°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

7. A sample of the discharge from the north outfall was taken at 6:55 in a 2-liter bottle to determine the relative silt content; a documentary photograph was taken at the 15-minute mark. The discharge sample suggested that the percentage of silt in the discharge was similar to that observed on 7/17.

DATE: August 4, 2006 OBSERVATION REPORT NO: 132

8. The 8/3 WMI Daily Quality Control Report appeared incomplete. According to Jeffrey Thompson (WMI) the WMI surveyors performed check surveys of the beach fill between Station 5+00 and Station 30+00 on 8/3. The 8/3 WMI DQCR does not state WMI survey activities performed on the beach.

9. On 8/3 the Tom James cutterhead excavated below the permitted cut depth for less than one minute on two occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.2 feet and a maximum of 0.2 feet below the permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the cessation of pumping beach fill west. Gary stated that if pumping continues west Pass La Mer will completely close.

2. I spoke with Gordon Thomson (CPE) about the possible closure of Pass La Mer. Gordon stated that he had concerns regarding the closure of Pass La Mer. Gordon stated that WMI has the responsibility of filling the template. Gordon said that WMI must submit an RFI if their plans for completing the west section of the design template does not adhere to the project design plans or specifications.

3. I spoke with Gary Johnson (WMI) about WMI's plans for filling the west template. Gary stated that completely enclosing the western extent of the project footprint is the only way that he feels the design grade can be achieved while keeping Pass La Mer open. Gary said that completely enclosing the western footprint will accumulate silts in the fill. Gary stated that the impoundment of silts in the west fill will result in that section of the project washing away rapidly.

4. I spoke with Gary Johnson (WMI) about the 8/3 WMI Daily Quality Control Report (DQCR) item #12, remarks. Item #12, remarks, in the 8/3 WMI DQCR states that WMI has filled outside the project limits and has resulted in the shoaling of a channel used for navigation. Gary stated that orange construction fencing was placed across Pass La Mer today during high tide to inform boaters of the shoal. I informed Jason Manthey (NOAA) of the orange construction fencing installed across Pass La Mer.

5. I spoke with Jason Manthey (NOAA) about the west fill. Jason stated that WMI needs to submit an RFI so that the Government can make a decision as to what will be constructed to complete the western extent of the project.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. Technical Provision 20.5 states that "Segments between pay profiles shall be filled to a minimum of 95% of the volume based on the fill templates shown in the cross-sections of the plans, and to the minimum tolerance everywhere." See observation #1 and discussion items #1 and #3.

Pass La Mer during high tide (1.4 feet NAVD) looking west from Station 3+30 Range -4+40.

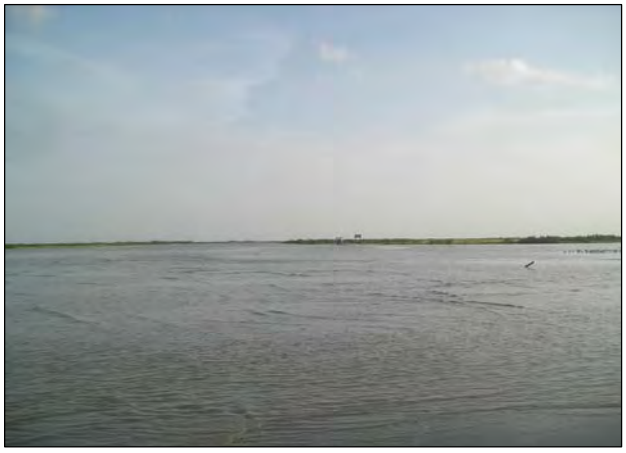
Bulldozers advancing shore pipe west near Station 32+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

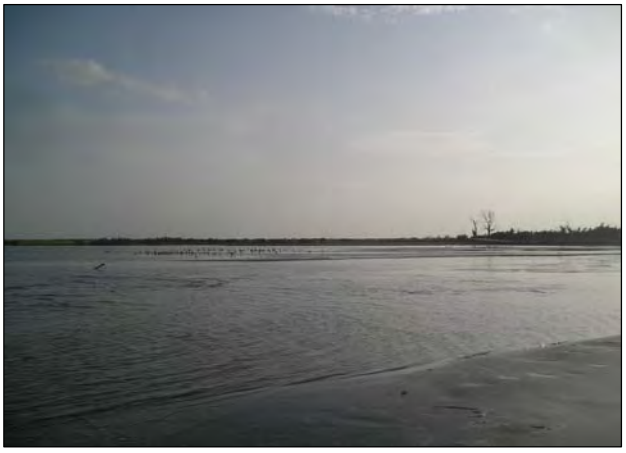
DATE: August 4, 2006 OBSERVATION REPORT NO: 132

Orange construction fencing installed across Pass La Mer.

Orange construction fencing installed across Pass La Mer.



West fill extent looking north-northwest from Station 3+30 Range -4+40 during high tide (1.4 feet NAVD).



West fill extent looking north from Station 3+30 Range -4+40 during high tide (1.4 feet NAVD).

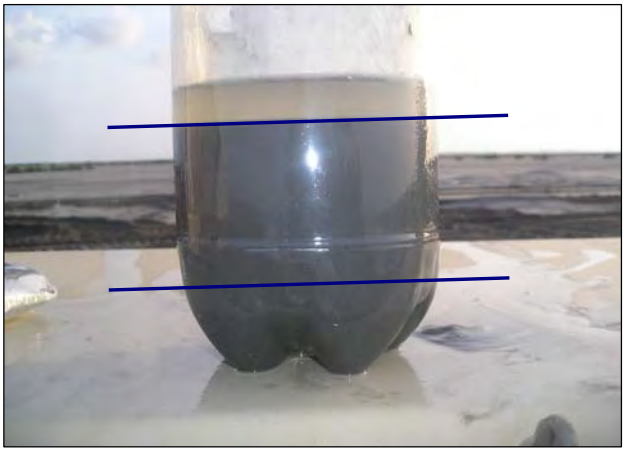
West fill extent looking west from Station 3+30 Range -4+40 during high tide (1.4 feet NAVD).

West fill extent looking west-northwest from Station 3+30 Range -4+40 during high tide (1.4 feet NAVD).

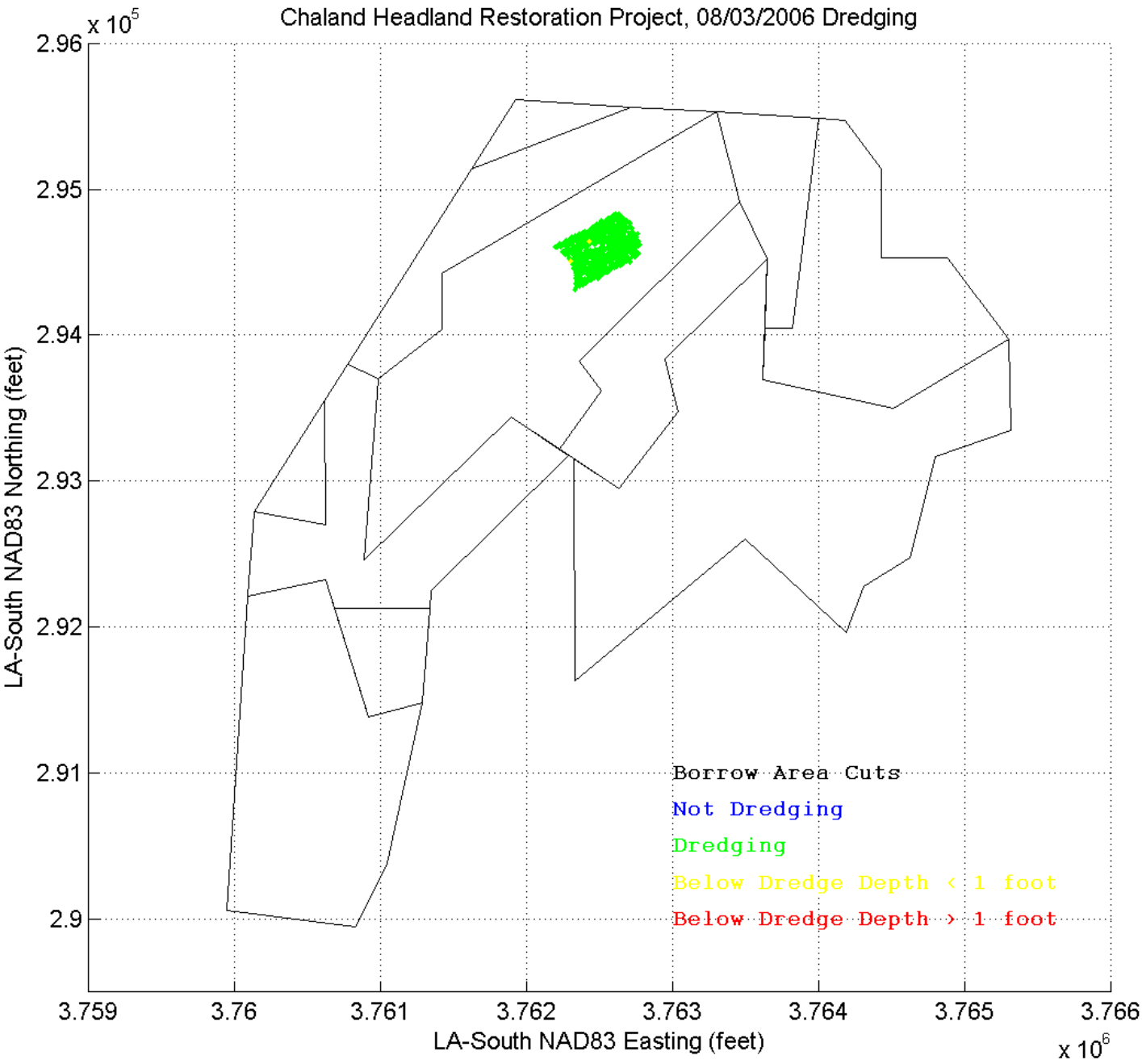
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: August 4, 2006 OBSERVATION REPORT NO: 132

North outfall near Station 38+60 Range -0+50.



Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 08/03/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 5, 2006 | OBSERVATION REPORT NO: 133
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 263
ARRIVAL TIME: 13:00 DEPARTURE TIME: 16:15

WEATHER CONDITIONS: Overcast
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: SE 0-5 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 43+00
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: Station 30+00
NORTH CONTAINMENT DIKE LOCATION: Station 53+40
SOUTH CONTAINMENT DIKE LOCATION: Station 35+00
OTHER CONTAINMENT DIKE LOCATION: Station 58+23
BEACH FILL AREA EXTENT LOCATION: Station 43+72
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Outfall location inconsistencies.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #9

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH028, Sta. 31+00 Ra. 1+20 (N29.31195° W89.77525°), 14:48		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 5, 2006 OBSERVATION REPORT NO: 133

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: After dredge survey of the beach fill.		Observation #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the south outfall using a 90° dredge pipe elbow that was pointed upwards. The south outfall was located near Station 30+00 Range 0+25 and pointed east. The north outfall was located near Station 43+00 Range -1+00 and pointed east. The slurry flowed southeast to the extent of beach fill near Station 43+72 Range 3+00 where it entered the Gulf of Mexico; a localized turbidity plume was observed in the Gulf of Mexico near Station 43+72 Range 3+00. The south containment dike extended along the southern extent of the dune crest between Station 30+00 and Station 35+00 and had a crest elevation of approximately 7 feet NAVD. The north containment dike extended along the northern extent of the dune crest between Station 43+00 and Station 53+40 and had a crest elevation of approximately 7 feet NAVD. A center containment dike extended along the project baseline between Station 43+00 and Station 58+23 and had a crest elevation of approximately 7 feet NAVD.

2. The northern dune crest fill extended to Station 58+23 between the north containment dike and the center containment dike. The fill elevation was approximately 2 feet NAVD near Station 58+23 and linearly increased to 6 feet NAVD near Station 43+00. It appeared that the slurry did not exit into the Gulf of Mexico but flowed into the marsh near Station 58+23. Siltation was observed on the surface of the filled dune crest between Station 43+72 and Station 58+23 and between the north containment dike and the center containment dike

3. The survey crew took check surveys of the placed beach fill along Station 29+20, Station 29+00, and Station 28+00. I accompanied the survey crew while they conducted these check surveys. See discussion item #3.

4. Paul Stewart (WMI) arrived on-site around 11:30. See discussion item #1.

5. Sand sample CH028 was taken near Station 31+00 Range 1+20 (N29.31195° W89.77525°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the south outfall was taken at 14:35 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 8/4.

7. Outfall location inconsistencies were observed in the 8/4 WMI Daily Quality Control Report (DQCR) and Daily Dredge Report (DDR). The WMI DQCR item #1, work performed, states that the north outfall advanced 400 feet from Station 39+00 to Station 43+00 and the WMI DDR states that the north outfall advanced 400 feet from Station 38+00 to Station 43+00. The WMI DQCR item #1, work performed, states that the south outfall advanced 400 feet from Station 29+50 to Station 33+50 and the WMI DDR states that the south outfall advanced 400 feet from Station 28+50 to Station 33+50. The WMI DDR currently states that the start locations of the outfall are Station 28+50 and Station 33+50 and the end locations of the outfall are Station 38+00 and Station 43+00.

DATE: August 5, 2006 OBSERVATION REPORT NO: 133

8. The following remarks were made in the 8/4 WMI Daily Quality Control Report (DQCR). The 8/4 WMI DQCR item #12, remarks, states that "WMI was forced to cease beach/dune fill operations on the west end of the project due to effluent runoff filling in the Pass La Mer canal." The 8/4 WMI DQCR item #12, remarks, states that "WMI will submit RFI requesting the Government resolve this problem."

9. On 8/4 the Tom James cutterhead excavated below the permitted cut depth for less than two minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.4 feet and a maximum of 0.7 feet below the permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about his weekend leave. Gary stated that he will be returning on either Monday 8/7 or Tuesday 8/8.

2. I spoke with Gary Johnson (WMI) about the beach fill schedule. Gary stated that beach fill operations will continue for another week.

3. I spoke with Tom Newman (WMI) about the check surveys. Tom stated that the surveys were conducted between Station 24+36 and Station 29+20 along each pay profile line shown in the plans and at 100 foot intervals. Tom and the survey crew thought that these surveys could be used as the payment surveys. I informed Tom of the payment survey requirements as specified in Technical Provision 8.2 which states "Payment surveys shall be performed by a land surveyor employed by the CONTRACTOR. The CONTRACTOR shall notify the GOVERNMENT at least three (3) working days prior to when the payment surveys will be conducted." Tom stated that this requirement was different from requirements of past beach jobs worked but it will be met.

4. I spoke with Tom Newman (WMI) about the beach fill. Tom stated that there is evidence that the night crew let the material run too much. Tom said that parts of the constructed beach periodically extend further into the Gulf of Mexico than required. Tom said that the work performed by the day crew can be seen easily as the constructed beach along the Gulf of Mexico is relatively straight. Tom stated that this is typical work behavior performed by the night crew.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. The 8/4 WMI Daily Quality Control Report (DQCR) stated that WMI will be submitting an RFI to the Government requesting guidance on how to fill the west end of the template.

South outfall near Station 30+00 Range 0+25.

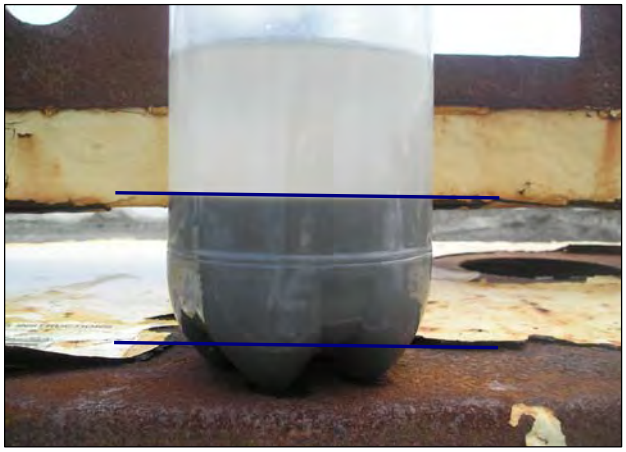
North outfall near Station 43+00 Range -1+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

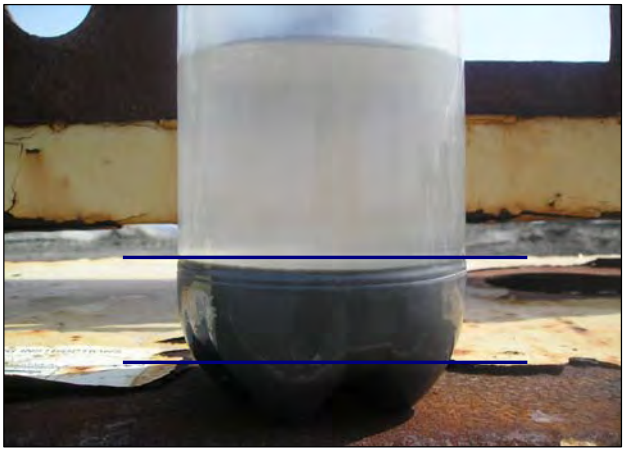
DATE: August 5, 2006 OBSERVATION REPORT NO: 133

WMI surveyor conducting a check survey of the placed beach fill along Station 29+00.

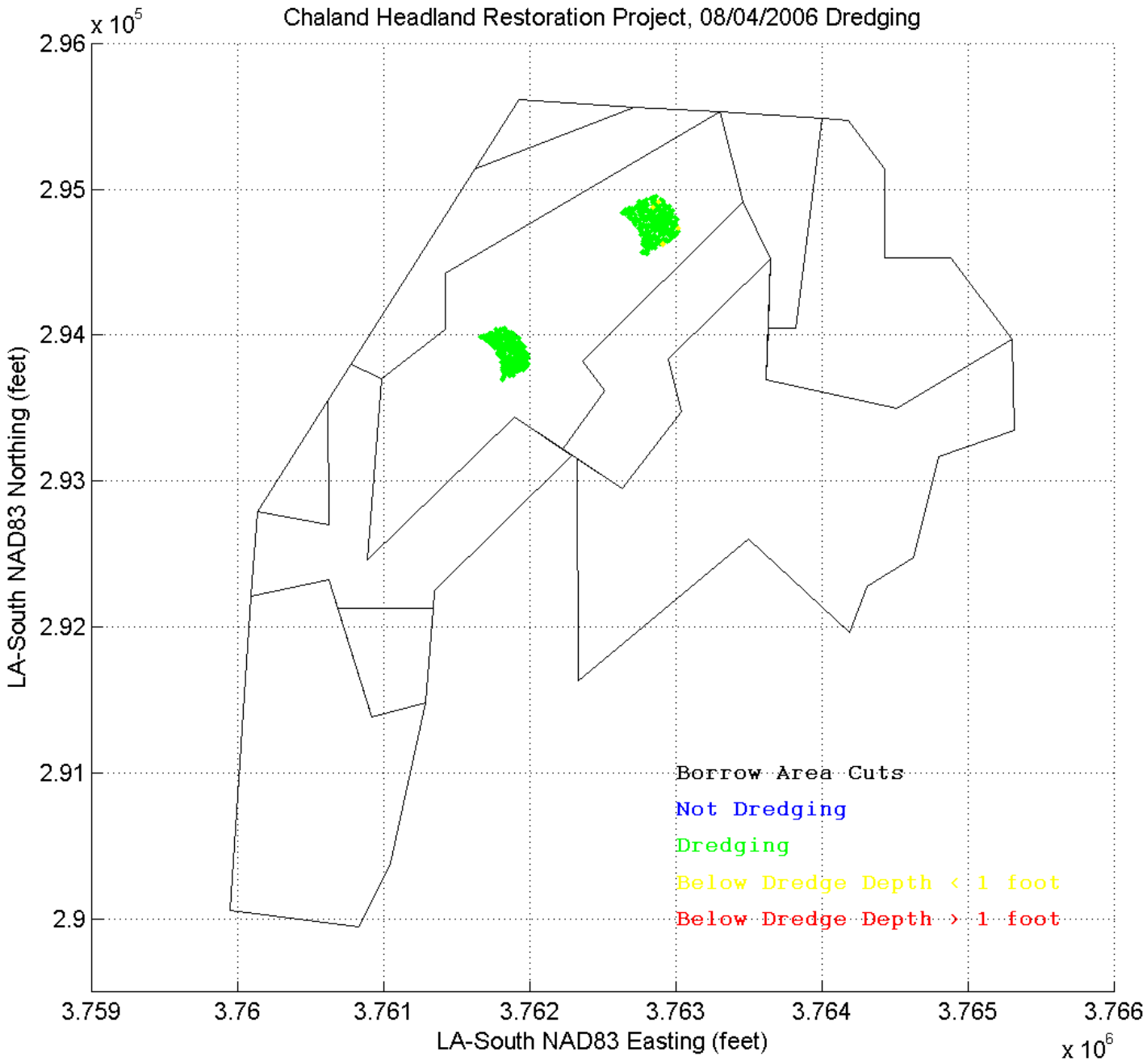
Bulldozer creating a sand ramp near Station 31+00.



Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 08/04/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 6, 2006 | OBSERVATION REPORT NO: 134
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 264
ARRIVAL TIME: 13:30 | DEPARTURE TIME: 17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 2'-3'
WIND SPEED AND DIRECTION:	SE 10-15 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Site Preparation
NORTH OUTFALL LOCATION:	Station 43+00
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 30+00
NORTH CONTAINMENT DIKE LOCATION:	Station 53+40
SOUTH CONTAINMENT DIKE LOCATION:	Station 35+00
OTHER CONTAINMENT DIKE LOCATION:	Station 58+23
BEACH FILL AREA EXTENT LOCATION:	Station 43+72
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 6, 2006 OBSERVATION REPORT NO: 134

25.	Is an acceptance survey for a completed section being conducted today?	No
	Location:	
26.	Are sand fencing operations being conducted?	N/A
	Post location:	
	Fence location:	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was not discharged to the beach today. The south outfall was located near Station 30+00 Range 0+25 and pointed east. The north outfall was located near Station 43+00 Range -1+00 and pointed east. See discussion item #1.

2. A barge load of sand fence and fence posts was delivered and unloaded. The sand fence and fence posts were stored near Station 81+00 Range -14+00. See discussion item #3.

3. Recently installed settlement plates were observed near Station 77+60 Range -9+50 and near Station 96+96 Range -5+50.

4. Shell hash with a nominal diameter of approximately 1" was observed near the crater created by the south discharge. The shell hash coverage ranged between 50% and 75% over a 400 square foot area.

5. Observed WMI surveyors conducting a bird patrol near Station 116+32 around 16:30.

6. On 8/5 the Tom James cutterhead excavated below the permitted cut depth for less than one minute on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.8 feet and a maximum of 1.6 feet below the permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the dredging operations. Paul stated that the Tom James returned to Grand Isle around 8:00 due to rough seas and anticipated rough weather. Paul said that the conditions will be checked tomorrow morning and if conditions permit the Tom James will return to the borrow area and sand dredging operations will resume. I informed Jason Manthey (NOAA) of the situation.

2. I spoke with Jeffrey Thompson (WMI) about the beach acceptance surveys. Jeffrey stated that coordination of WMI, C&C, CPE, and the Government is a concern. I spoke with Jason Manthey (NOAA) about the coordination of CPE and the Government, specifically the three (3) working day notification period requirement stated in Technical Provision 8.2. Jason stated that the notification period can be shortened to what the observer feels is necessary to fit the observation of the acceptance surveys into the observer's daily schedule. Jason stated that the only concern he has is that if CPE was planning on performing check surveys simultaneously. I spoke with Gordon Thomson (CPE) about possible check surveys. Gordon stated that check surveys will be performed by Mandle Edwards after additional beach is constructed. Gordon said that we do not want to delay WMI from conducting acceptance surveys. I spoke with Jeffrey and stated that notification the night before the acceptance surveys are conducted will be sufficient.

3. I spoke with Paul Stewart (WMI) about the delivered sand fence and fence posts. Paul stated that this delivery was only a portion of the required sand fence and fence posts. Paul said that a bulldozer was also delivered and two inoperable bulldozers were placed on the barge and taken to back to the mainland for repairs.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 6, 2006 OBSERVATION REPORT NO: 134

4. I spoke with Jeffrey Thompson (WMI) about the survey activities. Jeffrey stated that the survey crew checked beach grade stakes near the fill area and surveyed the elevation of the newly installed settlement plates.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 43+00 Range -1+00.

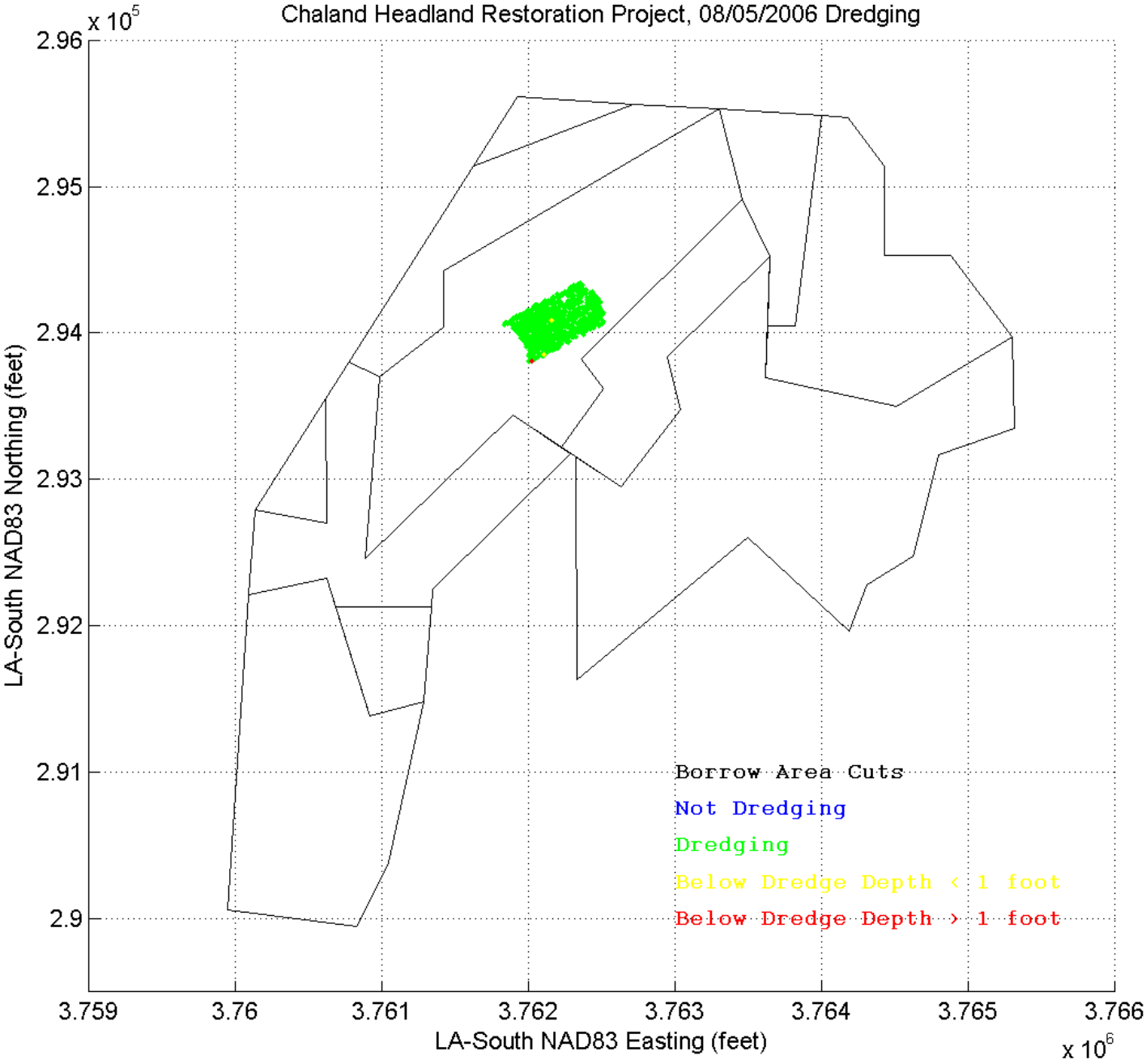
South outfall near Station 30+00 Range 0+25.

Gulf of Mexico wave conditions near Station 77+60.

Shell hash in the crater created by the south discharge.

Delivered sand fence and fence posts.

Installed settlement plate near Station 77+60 Range -9+50.


Chaland Headland Restoration Project, 08/05/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 7, 2006 | OBSERVATION REPORT NO: 135
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 265
ARRIVAL TIME: 16:30 DEPARTURE TIME: 19:45

WEATHER CONDITIONS:	Overcast and Rain
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	SE 0-5 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 43+60
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 30+00
NORTH CONTAINMENT DIKE LOCATION:	Station 53+40
SOUTH CONTAINMENT DIKE LOCATION:	Station 37+00
OTHER CONTAINMENT DIKE LOCATION:	Station 58+23
BEACH FILL AREA EXTENT LOCATION:	Station 50+00
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH029, Sta. 31+00 Ra. 0+00 (N29.31230° W89.77527°), 18:13		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	Yes	
	Measurement:		Observation #7
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 7, 2006 OBSERVATION REPORT NO: 135

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the south outfall using a 90° dredge pipe elbow that was pointed upwards. The south outfall was located near Station 30+00 Range 0+25 and pointed east. The north outfall was located near Station 43+60 Range -1+00 and pointed east. The slurry flowed southeast to the extent of beach fill near Station 48+56 Range 3+00 where it entered the Gulf of Mexico; a localized turbidity plume was observed in the Gulf of Mexico near Station 48+56 Range 3+00. The south containment dike extended along the southern extent of the dune crest between Station 30+00 and Station 37+00 and had a crest elevation of approximately 7 feet NAVD. The north containment dike extended along the northern extent of the dune crest between Station 43+60 and Station 53+40 and had a crest elevation of approximately 7 feet NAVD. A center containment dike extended along the project baseline between Station 43+60 and Station 58+23 and had a crest elevation of approximately 7 feet NAVD.

2. Two bulldozers constructed containment dikes along the Gulf of Mexico shoreline. A containment dike with a 3 foot NAVD crest elevation was constructed between Station 43+00 and Station 48+00 along Range 5+00. A containment dike with a 6 foot NAVD crest elevation was constructed between Station 38+00 and Station 43+00 along Range 2+50.

3. A bulldozer maintained the 7 foot NAVD crest elevation of the containment dikes surrounding the crater created by the south discharge near Station 31+00.

4. A cable was partially buried in the beach fill near Station 24+36 Range -0+25. See discussion item #2.

5. Sand sample CH029 was taken near Station 31+00 Range 0+00 (N29.31230° W89.77527°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the south outfall was taken at 18:05 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 8/1.

7. Four berm width measurements were taken along completed profile sections. The location of the north dune crest and the south dune crest as well as the berm width measured with a handheld Differential GPS unit are shown in the following table:

Station	South Dune Crest	North Dune Crest	Berm Width (feet)	
			GPS	Template
24+36	N 29.31225° W 89.77735°	N 29.31303° W 89.77732°	289	280
23+00	N 29.31228° W 89.77775°	N 29.31307° W 89.77763°	283	280
22+00	N 29.31232° W 89.77808°	N 29.31312° W 89.77798°	293	280
21+00	N 29.31242° W 89.77837°	N 29.31310° W 89.77825°	273	280

DATE: August 7, 2006 OBSERVATION REPORT NO: 135

8. On 8/6 the Tom James cutterhead excavated approximately 0.1 feet below the permitted cut depth for less than one minute on one occasion.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Jeffrey Thompson (WMI) about the day's survey activities. Jeffrey stated that the surveyors checked the beach grade stakes near the fill areas and conducted the bird patrols.

2. I spoke with Paul Stewart (WMI) about the cable found partially buried in the beach fill. Paul stated that he will make sure that the cable is removed.

3. I spoke with Paul Stewart (WMI) about the Tom James operating status. Paul stated that the Tom James left Grand Isle around 8:00 and should arrive in the borrow area around 12:00. Paul said that sand will be pumped to the beach around 2:00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

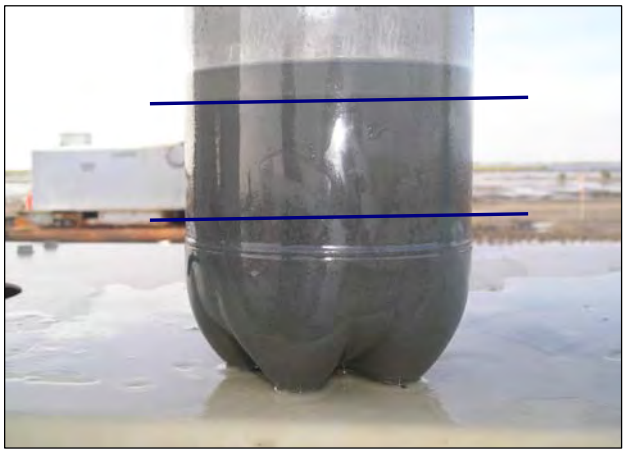
South outfall near Station 30+00 Range 0+25.

North outfall near Station 43+00 Range -1+00.

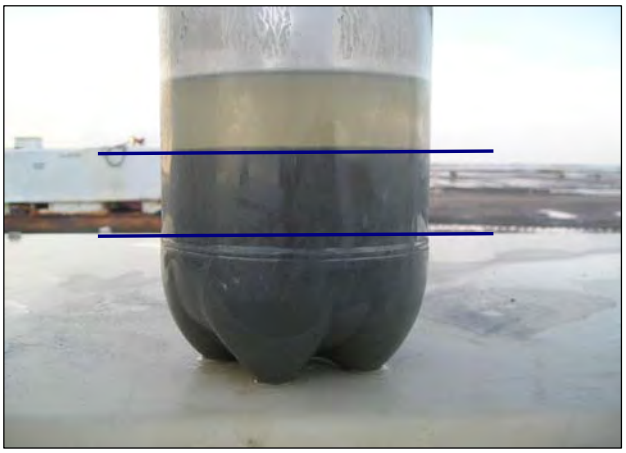
Bulldozer constructing a containment dike with a 6 foot NAVD crest elevation near Station 41+00 Range 2+50

Bulldozer maintaining the crest elevation of the containment dike surrounding the crater created by the south discharge.

DATE: August 7, 2006 OBSERVATION REPORT NO: 135

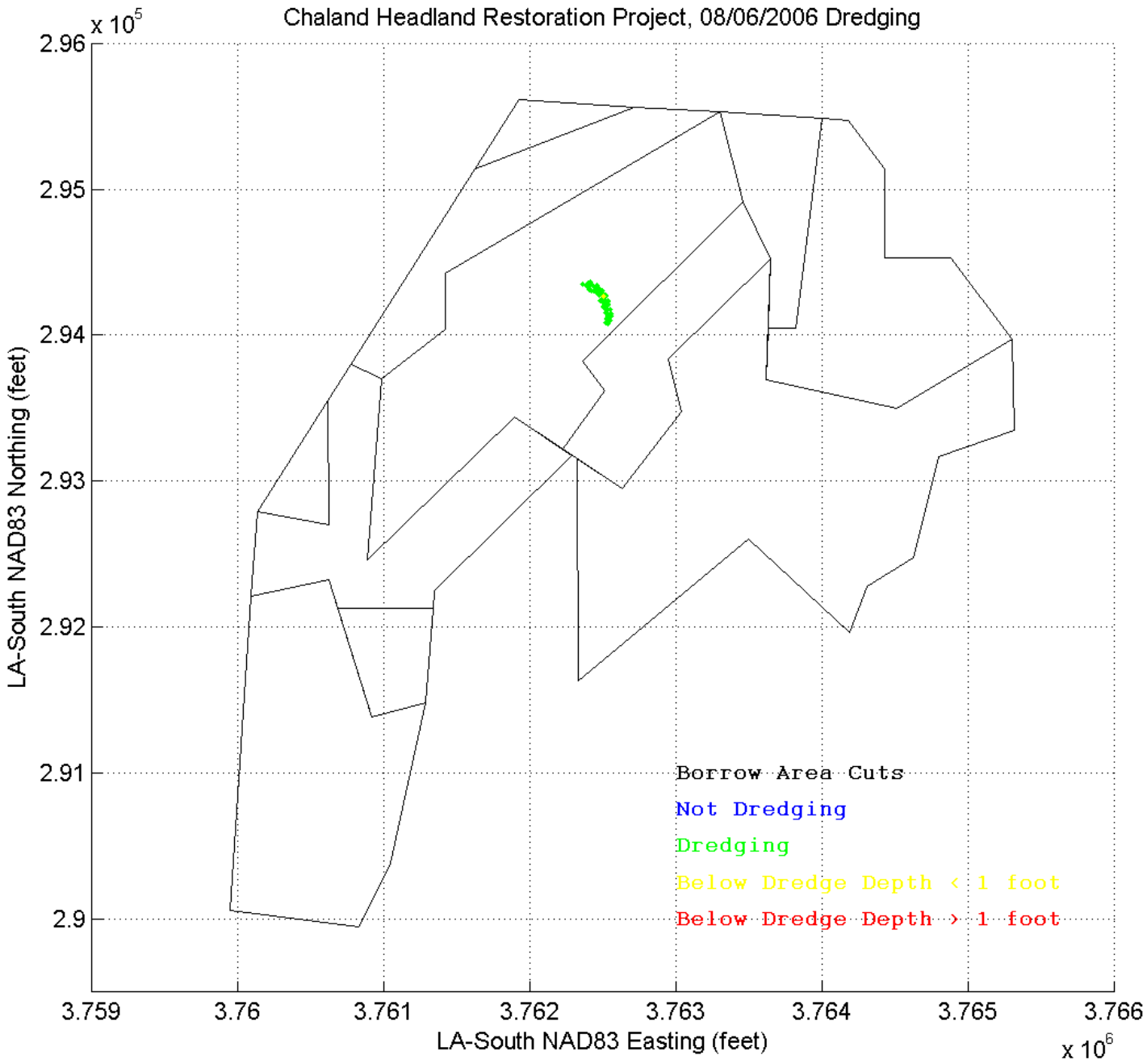


Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.

Gulf of Mexico wave conditions near Station 30+00.


Chaland Headland Restoration Project, 08/06/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 8, 2006 | OBSERVATION REPORT NO: 136
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 266
ARRIVAL TIME: 12:15 | DEPARTURE TIME: 14:45
19:15 | 20:30

WEATHER CONDITIONS:	Overcast and Rain, Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 42+40
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 31+80, Station 33+00
NORTH CONTAINMENT DIKE LOCATION:	Station 53+40
SOUTH CONTAINMENT DIKE LOCATION:	Station 40+00
OTHER CONTAINMENT DIKE LOCATION:	Station 58+23
BEACH FILL AREA EXTENT LOCATION:	Station 48+56
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH030, Sta. 32+00 Ra. 0+00 (N29.31220° W89.77490°), 13:19		Observation #3
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	Yes	
	Measurement: Station 20+00 - Measured Width: 278', Template Width: 280'		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 8, 2006 OBSERVATION REPORT NO: 136

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 31+80 Range 0+50 and pointed east. The north outfall was located near Station 42+40 Rang 0+25 and pointed east. The slurry flowed southeast to the extent of beach fill near Station 48+56 Range 3+00 where it entered the Gulf of Mexico; a localized turbidity plume was observed in the Gulf of Mexico near Station 48+56 Range 3+00. The south containment dike extended along the southern extent of the dune crest between Station 31+80 and Station 43+72 and had a crest elevation of approximately 7 feet NAVD. The north containment dike extended along the project baseline between Station 31+80 and Station 58+23 and had a crest elevation of approximately 8 feet NAVD. Various dikes were constructed on the south slope of the dune crest to control the flow direction of the slurry.

2. A bulldozer maintained the 7 foot NAVD crest elevation of the south containment dike near Station 43+72. A bulldozer maintained the 8 foot NAVD crest elevation of the north containment dike near Station 33+00. A bulldozer constructed various containment dikes on the south slope of the dune crest between Station 40+00 and Station 48+00 to control the flow direction of the slurry.

3. Sand sample CH030 was taken near Station 32+00 Range 0+00 (N29.31220° W89.77490°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

4. A sample of the discharge from the south outfall was taken at 13:10 in a 2-liter bottle to determine the relative silt content; a documentary photograph was taken at the 15-minute mark. Heavy rains disturbed the sample while the sediments were sorting. No relative comparisons could be made.

5. Operating equipment inconsistencies were found in the 8/7 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that the D6 bulldozer #8849 was operating. Item #3, equipment data, states that the D6 bulldozer #4933 was operating. Operating bulldozer numbers do not match.

6. On 8/7 the Tom James cutterhead excavated below the permitted cut depth for less than one minute on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.1 feet and a maximum of 0.2 feet below the permitted cut depth.

DATE: August 8, 2006 OBSERVATION REPORT NO: 136

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Jeffrey Thompson (WMI) about the as-built surveys. Jeffrey stated that he spoke with Frank Lipari (C&C) and was informed that C&C does not have a contract with WMI to conduct the as-built surveys. Jeffrey said that CH Fenstermaker & Associates will be subcontracted to conduct the as-built surveys per Technical Provision 8.2 and Jason Porep is the point of contact. Jeffrey stated that this will not delay the commencement of the as-built surveys as the surveys are still planned to begin on 8/10. I informed Gordon Thomson (CPE) of the subcontractor change. Gordon stated that WMI needs to formally submit a letter stating the subcontractor change. I spoke with Gary Johnson (WMI) about the subcontractor change and stated that a formal letter needs to be submitted to inform the Government of the new subcontractor per General Condition 7.1.

2. I spoke with Paul Stewart (WMI) about the as-built surveys, specifically the three (3) working day notification period requirement stated in Technical Provision 8.2. I informed Paul that I spoke with Jason Manthey (NOAA) and Gordon Thomson (CPE) regarding this issue. I stated that the required notification period will depend on the observer. Jason and Gordon both stated that they do not want to delay WMI from conducting the as-built surveys and that a sufficient notification period is required to enable the observer to fit the observation of the as-built surveys into his schedule. I stated that notification the night before the as-built surveys are conducted is sufficient, however, further notice would be appreciated.

3. I spoke with Tom Newman (WMI) about the removal of beach grade stakes to facilitate beach grading and dressing operations. Tom stated that the survey crew removed all beach grade stakes between Station 25+00 and Station 28+00 except the grade stakes marking the landward and seaward extents of the dune crest, the grade stakes marking the beginning of the marsh and the grade stakes marking the 2 foot NAVD elevation on the seaward slope of the dune. I spoke with Gary Johnson (WMI) about Technical Provision 35.5 and the grade stakes left in place by the surveyors. Gary stated that all grade stakes will be removed and a final search for grade stakes with a metal detector will be performed after the as-built surveys have been conducted. Gary said that upon completion of the requirements stated in Technical Provision 35.5 a letter will be sent to the Government verifying the removal of all grade stakes. Gary stated that the surveyors left several grade stakes in place to help them stay on-line when conducting the as-built surveys.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. WMI has changed the surveyor responsible for the as-built surveys from C&C to CH Fenstermaker & Associates. See discussion item #1. General Condition 7.1 states "The CONTRACTOR shall furnish in writing to the GOVERNMENT at least seven (7) days prior to the pre-construction conference the names of all subcontractors proposed for the Work."

2. WMI has partially removed beach grade stakes from completed sections to facilitate beach grading and dressing operations. See discussion item #3. Technical Provision 35.5 states "The CONTRACTOR shall remove al grade stakes from each completed section immediately after the section has been completed. Upon completion of construction in an area, the CONTRACTOR shall conduct a search using a suitable sensitive metal detector to find each and every stake placed by the CONTRACTOR in the area. The search and removal of all grade stakes shall be certified by the CONTRACTOR. The CONTRACTOR will not be eligible for payment until the CONTRACTOR certifies that all grade stakes have been removed. Sections of the beach upon which the search for, and removal of, grade stakes is complete shall be documented in the Daily Quality Control Report."

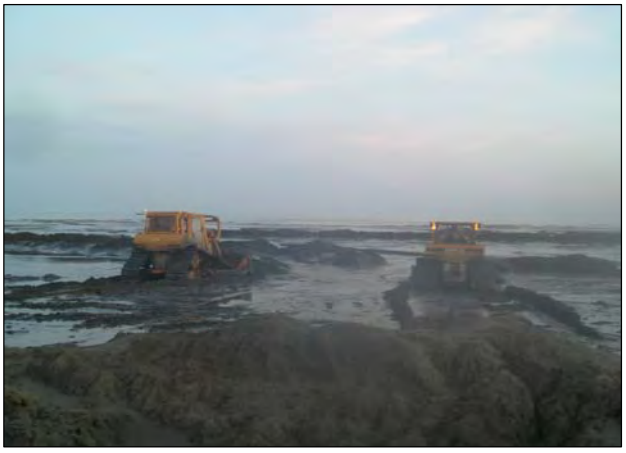
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: August 8, 2006 OBSERVATION REPORT NO: 136

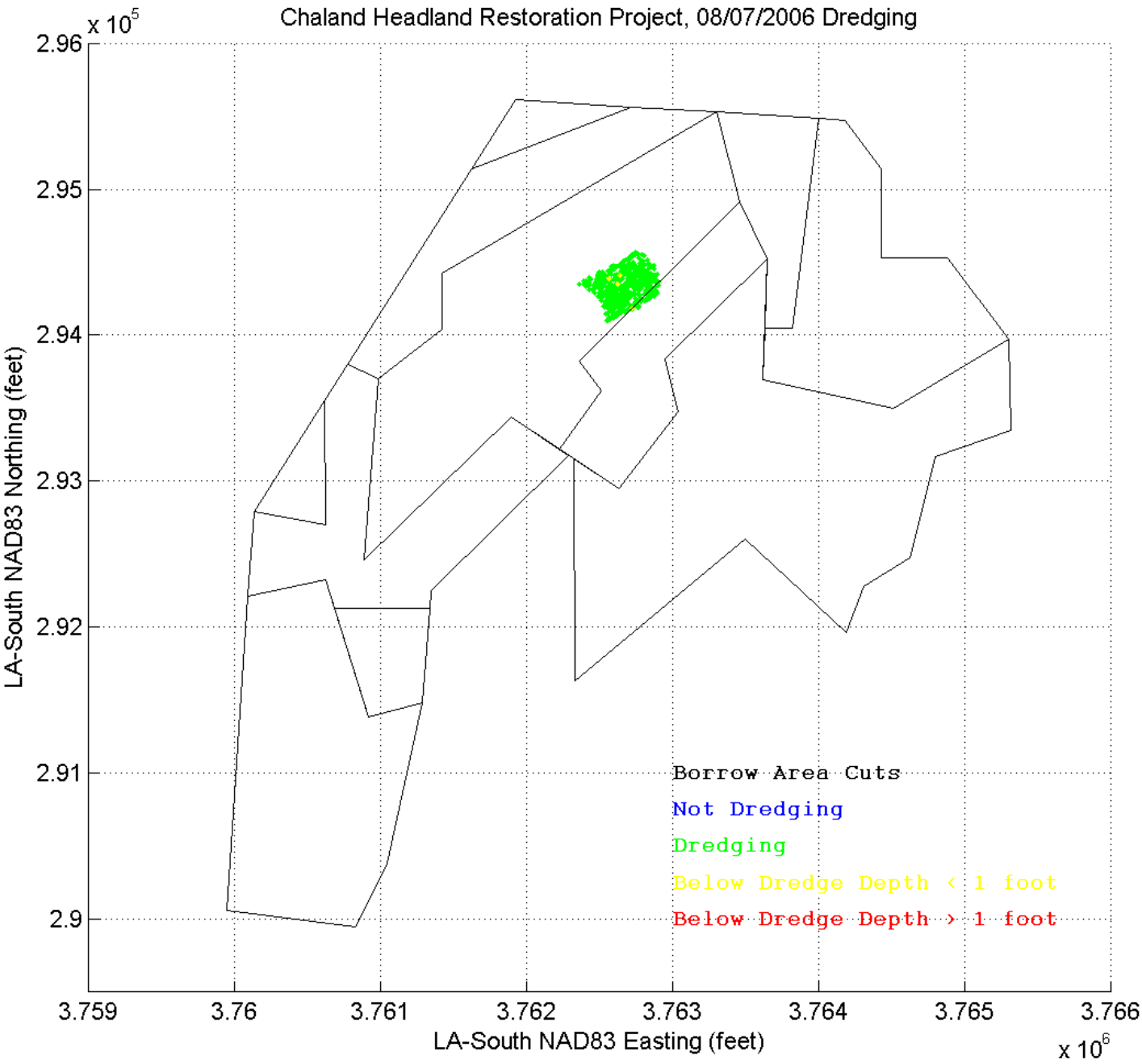
North outfall near Station 42+40 Range 0+25.

South outfall near Station 31+80 Range 0+50.

Gulf of Mexico wave conditions near Station 31+80.



Bulldozers building containment dikes on the south slope of the dune near Station 45+00.


Chaland Headland Restoration Project, 08/07/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 9, 2006 | OBSERVATION REPORT NO: 137
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 267
ARRIVAL TIME: 17:00 DEPARTURE TIME: 19:45

WEATHER CONDITIONS: Overcast and Rain
WAVE HEIGHT AND DIRECTION: S 2'-3'
WIND SPEED AND DIRECTION: SSW 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 43+60, Station 48+75
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: Station 33+80, Station 34+60
NORTH CONTAINMENT DIKE LOCATION: Station 58+23
SOUTH CONTAINMENT DIKE LOCATION: Station 48+56
OTHER CONTAINMENT DIKE LOCATION: Station 42+00
BEACH FILL AREA EXTENT LOCATION: Station 60+00
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach grade staking between Station 53+40 and Station 57+00.		Discussion #1

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH031, Sta. 34+00 Ra. 1+16 (N29.31185° W89.77435°), 18:06		Observation #3
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	Yes	
	Measurement 1: Station 19+56 - Measured Width: 284', Template Width: 280'		
	Measurement 2: Station 19+00 - Measured Width: 287', Template Width: 272'		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 9, 2006 OBSERVATION REPORT NO: 137

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 33+80 Range 1+00 and pointed east. The slurry from the south outfall flowed southeast where it entered the Gulf of Mexico near Station 53+40 Range 3+00. The north outfall was located near Station 43+60 Range 0+25 and pointed east. The slurry from the north outfall flowed southeast to the extent of beach fill near Station 60+00 Range 3+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill. The south containment dike extended between Station 35+00 and Station 48+56 approximately 150 feet south of the southern extent of the dune crest and had a crest elevation of approximately 6 feet NAVD. The north containment dike extended along the project baseline between Station 31+80 and Station 58+23 and had a crest elevation of approximately 8 feet NAVD. A center containment dike extended along the southern extent of the dune crest between Station 33+80 and Station 42+00 and had a crest elevation of approximately 8 feet NAVD.

2. Three bulldozers advanced both the north and south outfalls east. The north outfall was advanced to Station 48+75 and the south outfall was advanced to Station 34+60.

3. Sand sample CH031 was taken near Station 34+00 Range 1+16 (N29.31185° W89.77435°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

4. A sample of the discharge from the south outfall was taken at 17:53 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 8/5.

5. Operating equipment inconsistencies were found in the 8/8 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that the D6 bulldozer #8849 was operating. Item #3, equipment data, states that the D6 bulldozer #4933 was operating. Operating bulldozer numbers do not match.

6. On 8/8 the Tom James cutterhead excavated below the permitted cut depth for less than one minute on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.3 feet and a maximum of 0.8 feet below the permitted cut depth.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 9, 2006 OBSERVATION REPORT NO: 137

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Anthony Vest (WMI) about the survey crew activities. Anthony stated that the 4.5 foot NAVD, 3 foot NAVD, and 2 foot NAVD elevations of the south slope of the dune crest were staked between Station 53+40 and Station 57+00.

2. I spoke with Gary Johnson (WMI) about tomorrow's bi-weekly meeting. Gary stated that the Mule will be inoperable in the morning due to muddy access road between the boat landing and the beach caused by the heavy rains. Gary said that the Mule will also be inoperable on the beach in the morning due to the high tide.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 43+60 Range 0+25.

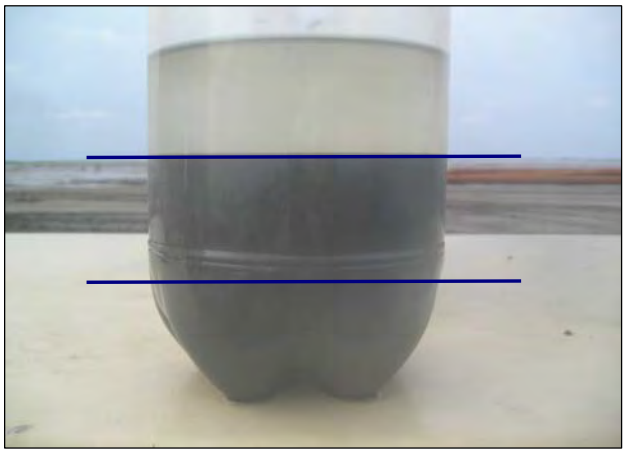
South outfall near Station 33+80 Range 1+00.

Bulldozer advancing the south shore pipe east to Station 34+60.

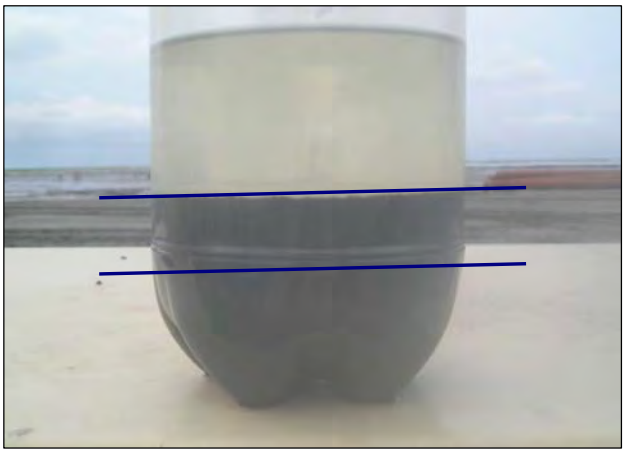
Bulldozers advancing the north shore pipe east to Station 48+75.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: August 9, 2006 OBSERVATION REPORT NO: 137

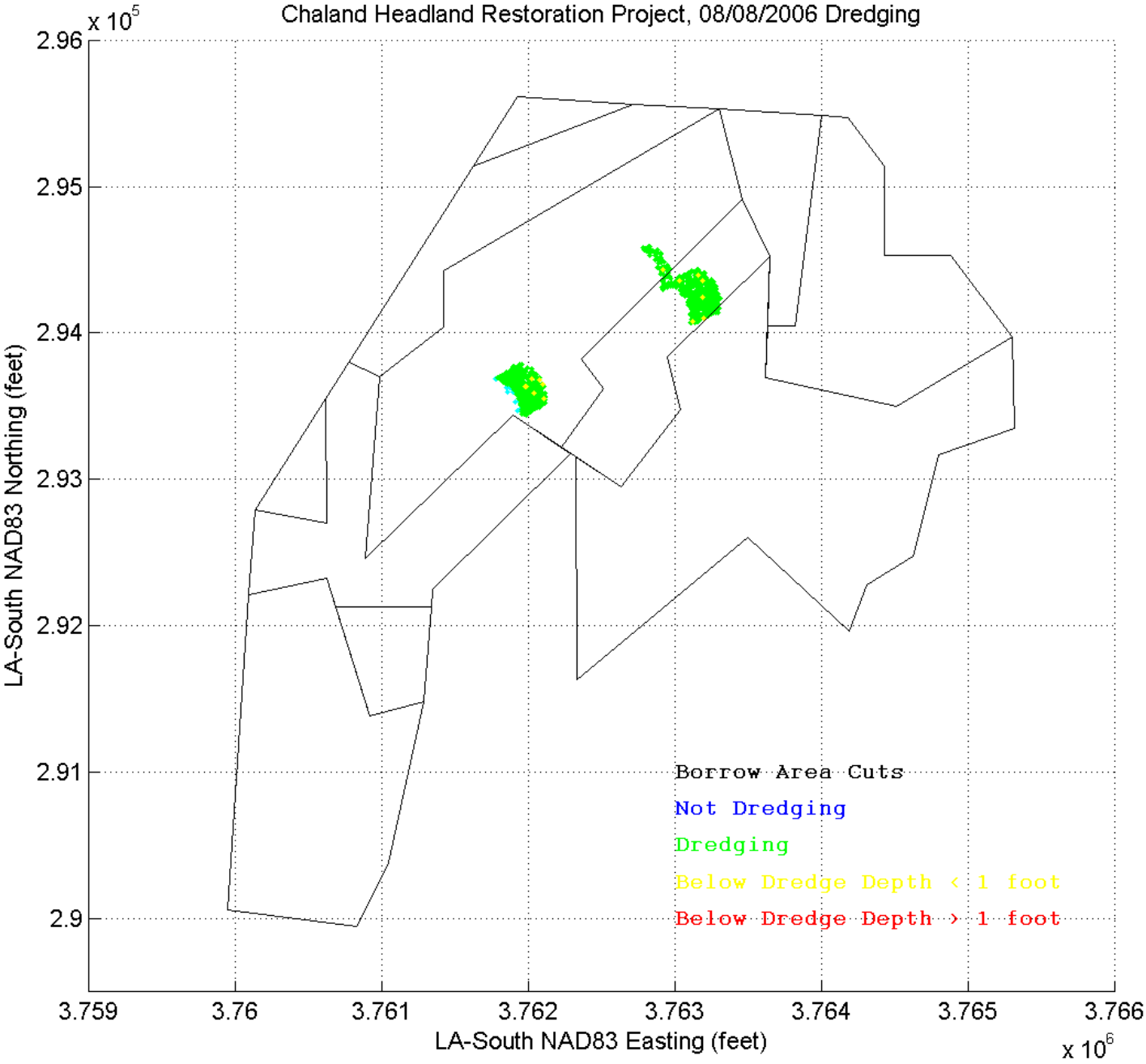


Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.

Gulf of Mexico wave conditions near Station 34+00.


Chaland Headland Restoration Project, 08/08/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 10, 2006 | OBSERVATION REPORT NO: 138
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 268
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 12:00
15:20 | 18:30

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	S 1'-2'
WIND SPEED AND DIRECTION:	SE 0-5 mph, SE 5-10 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 43+60
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 34+60, Station 36+00
NORTH CONTAINMENT DIKE LOCATION:	Station 58+23
SOUTH CONTAINMENT DIKE LOCATION:	Station 48+56
OTHER CONTAINMENT DIKE LOCATION:	Station 42+00
BEACH FILL AREA EXTENT LOCATION:	Station 63+08
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #10

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH032, Sta. 37+00 Ra. 1+20 (N 29.31172° W 89.77333°), 17:37		Observation #7
20.	Has a discharge sample been collected?	Yes	Observation #8
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	Yes	
	Measurement 1: Station 18+00 - Measured Width: 259', Template Width: 258'		
	Measurement 2: Station 17+00 - Measured Width: 260', Template Width: 243'		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 10, 2006 OBSERVATION REPORT NO: 138

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Station 27+00 and Station 28+00	Yes	Observation #5
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 36+00 Range 1+00 and pointed east. The slurry from the south outfall flowed southeast where it entered the Gulf of Mexico near Station 53+40 Range 3+00. The north outfall was located near Station 43+60 Range 0+25 and pointed east. The slurry from the north outfall flowed southeast to the extent of beach fill near Station 63+08 Range 3+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill. The south containment dike extended between Station 43+60 and Station 48+56 approximately 150 feet south of the southern extent of the dune crest and had a crest elevation of approximately 6 feet NAVD. The north containment dike extended along the project baseline between Station 36+00 and Station 58+23 and had a crest elevation of approximately 8 feet NAVD. A center containment dike extended along the southern extent of the dune crest between Station 36+00 and Station 42+00 and had a crest elevation of approximately 8 feet NAVD.

2. A bulldozer graded the northern slope of the dune near Station 9+84.

3. A marsh buggy constructed a north containment dike along the marsh/dune interface near Station 63+08.

4. A bulldozer maintained the 8 foot NAVD crest elevation of the north containment dike near Station 48+56.

5. WMI conducted acceptance surveys along Station 28+00 and Station 27+00. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Matt Babineaux (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. See discussion item #1.

6. The beach fill, including the dune crest and north and south slopes of the dune, between Station 29+20 and Station 36+00 appears to meet the design grade elevation.

7. Sand sample CH032 was taken near Station 37+00 Range 1+20 (N 29.31172° W89.77333°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

8. A sample of the discharge from the south outfall was taken at 16:50 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 8/5.

DATE: August 10, 2006 OBSERVATION REPORT NO: 138

9. a) Discharge location inconsistencies were found in the 8/9 WMI Daily Quality Control Report (DQCR) and Daily Dredge Report (DDR). The outfall location summary within the DQCR and DDR states that the outfall was located at Station 39+65. During the CPE observation sand was pumped to the beach from two outfalls; neither outfall was located near Station 39+65. According to the CPE observation the south outfall was located between Station 33+80 and Station 34+60 and the north outfall was located between Station 43+60 and Station 48+75. Also, the summary within the DQCR reads incorrectly as it states that the outfall was located at Station 39+65 and was 77 feet west of pay profile line number CG8. Station 39+65 is 77 feet east of pay profile line number CG8.

   b) Survey activities stated in the 8/9 WMI Daily Quality Control Report are inconsistent with the survey activities performed on 8/9. Item #2, result of surveillance, states that check surveys were completed. According to Anthony Vest (WMI), the WMI survey crew checked grade and placed grade stakes along the south slope of the dune on 8/9.

   c) Operating equipment inconsistencies were found in the 8/9 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that four D6 bulldozers: #8849, #8827, #8835, and #8850 were operating. Item #3, equipment data, states that five D6 bulldozers: #4933, #8848, #8827, #8835, and #8850 were operating. The operating bulldozer numbers do not match.

10. On 8/9 the Tom James cutterhead excavated below the permitted cut depth for less than five minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.6 feet and a maximum of 3.1 feet below the permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nate Johnson (WMI) about the acceptance surveys. Nate stated that acceptance surveys were conducted between Station 29+20 and Station 27+00. I stated that Station 29+20 is not ready for an acceptance survey as the dredge pipe needs to be removed from the beach and the beach needs to be dressed prior to the section's acceptance survey.

2. I spoke with Nate Johnson (WMI) about the distance surveyed past the southern toe of beach fill shown in the project template. Nate stated that the surveys extend 250 feet past the southern toe of beach fill shown in the project template. Nate stated that the surveys north of the beach fill will extend at least 75 feet north of the marsh/dune interface.

3. Gordon Thomson (CPE), Rachel Sweeney (NOAA), Jerry Carroll (DNR), Keith Lovell (DNR), Russ Joffrion (DNR), Gary Johnson (WMI), Charles Granger (WMI), Steve Chatry (WMI), Nate Johnson (WMI), Paul Stewart (WMI), Mathew Babineaux (CHF), and I participated in the bi-weekly meeting. Items discussed included: missing and revised contractor daily quality control reports, the review of the 8/2 cost proposal submitted by WMI, the status of pay application number 6, RFI #11 - Pass La Mer, the sand fencing deduct cost proposal, the revised construction schedule, placed volumes, and borrow area volumes. These items are further discussed in the bi-weekly meeting minutes.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

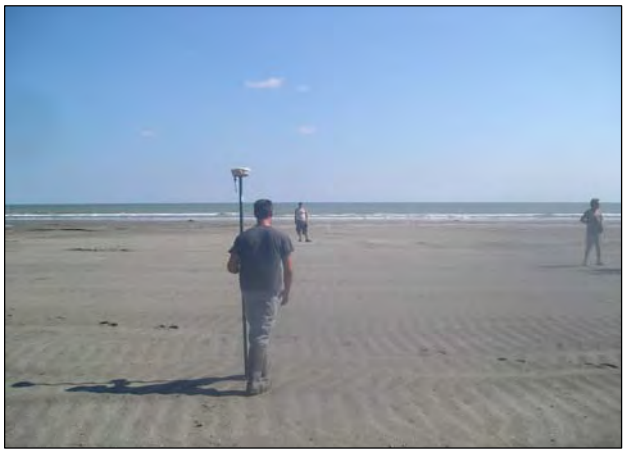
1. No.

North outfall near Station 43+60 Range 0+25.

South outfall near Station 36+00 Range 1+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: August 10, 2006 OBSERVATION REPORT NO: 138

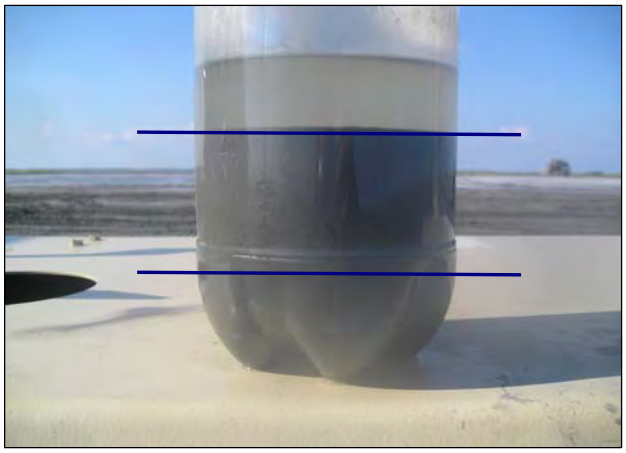


WMI conducting an acceptance survey along Station 28+00.

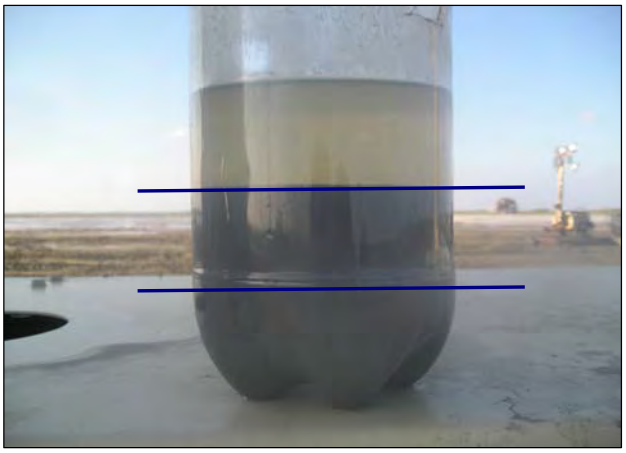
WMI conducting an acceptance survey along Station 28+00.

WMI conducting an acceptance survey along Station 27+00.

WMI conducting an acceptance survey along Station 27+00.



Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.

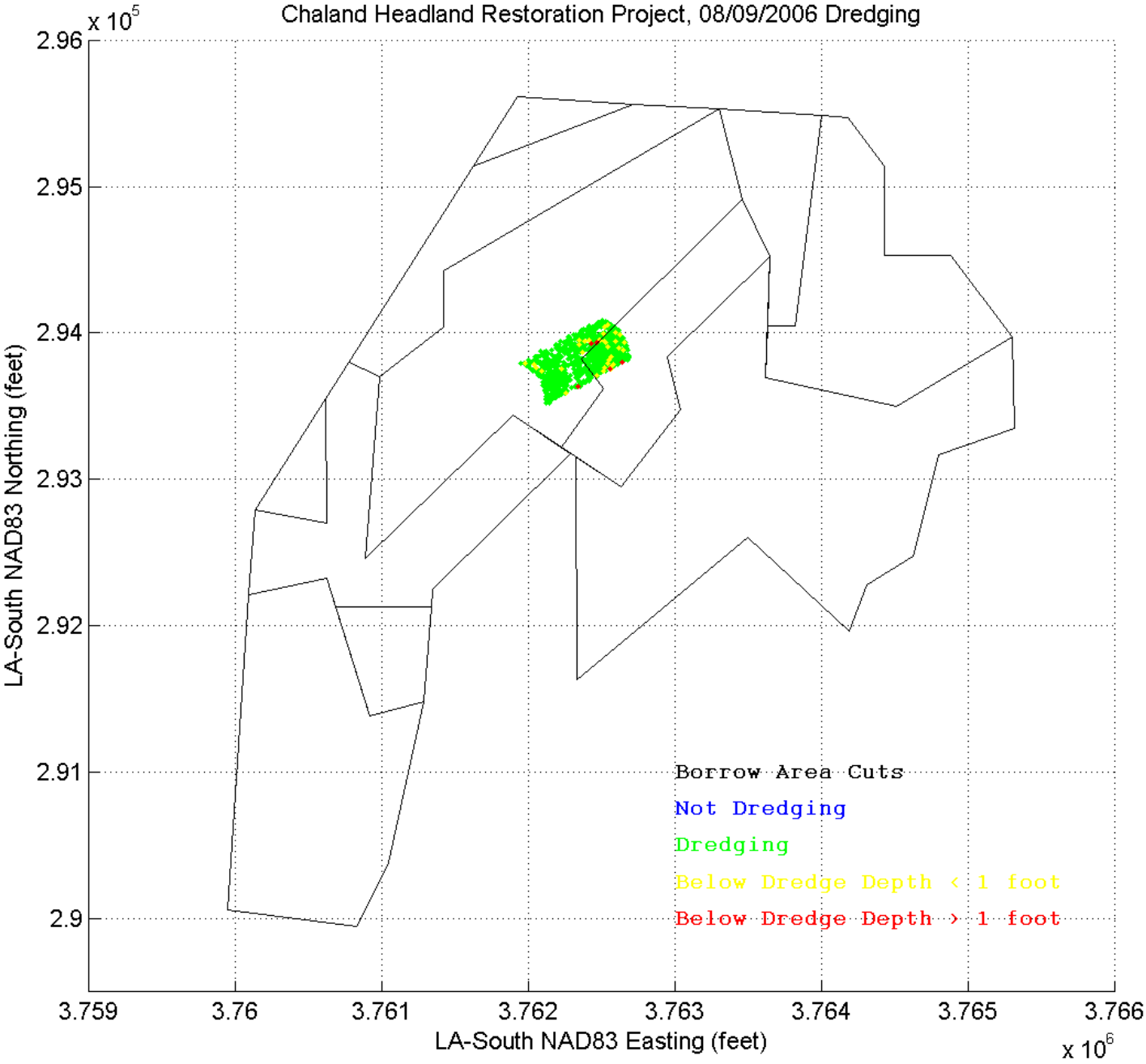
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: August 10, 2006 OBSERVATION REPORT NO: 138

Bulldozer grading the north slope of the dune near Station 9+84.

Marsh buggy constructing the north containment dike near Station 63+08.

Gulf of Mexico wave conditions near Station 36+00.


Chaland Headland Restoration Project, 08/09/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 11, 2006 | OBSERVATION REPORT NO: 139
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 269
ARRIVAL TIME: 12:00 | DEPARTURE TIME: 16:15
19:30 | 20:45

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	SW 5-10 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Marsh Fill
NORTH OUTFALL LOCATION:	Station 48+56
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 53+40
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	N/A
MARSH FILL AREA EXTENT LOCATION:	Station 63+08

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found in the WMI DQCR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 11, 2006 OBSERVATION REPORT NO: 139

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Between Station 29+20 and Station 16+00.	Yes	Observation #2
25.	Is an acceptance survey for a completed section being conducted today? Location: Between Station 26+00 and Station 17+00.	Yes	Observation #3
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. During the 19:30 observation overburden was mushroom discharged to the marsh creation area from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 48+56 Range -3+50 and pointed east. The south outfall was located near Station 53+40 Range -3+25 and pointed east. The marsh fill elevation could not be verified as the marsh fill was below the water surface.

2. A bulldozer graded and dressed the beach between Station 29+20 and Station 16+00. A 40-foot dredge pipe, dragged behind the bulldozer, was used to dress the beach.

3. WMI conducted acceptance surveys along Station 26+00, Station 25+00, Station 24+36, Station 23+00, Station 22+00, Station 21+00, and Station 20+00. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Matt Babineaux (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. See discussion item #4.

4. Bulldozers dismantled the shore pipe and moved it east. See discussion item #2.

5. A marsh buggy constructed a containment dike with a 4 foot NAVD crest elevation near Station 50+00 Range -3+00. The containment dike extended between Station 50+00 and Station 72+75 along the marsh/dune interface and had a crest elevation of approximately 4 feet NAVD.

5. Shore pipe was advanced east near Station 43+72 Range -2+50.

6. A Y-valve was located near Station 47+00 Range -2+75 with the split ends pointing east.

7. a) Discharge location inconsistencies were found in the 8/10 WMI Daily Quality Control Report (DQCR) and Daily Dredge Report (DDR). The outfall location summary within the DQCR and DDR states that the outfall was located at Station 40+40. During the CPE observation sand was pumped to the beach from two outfalls; neither outfall was located near Station 40+40. According to the CPE observation the south outfall was located between Station 34+60 and Station 36+00 and the north outfall was located near Station 48+75.

   b) Survey activity inconsistencies were observed in the 8/10 WMI Daily Quality Control Report (DQCR). Item #2, result of surveillance, states that the WMI survey crew conducted check surveys. During the CPE observation on 8/10 acceptance surveys were conducted along Station 28+00 and Station 27+00. The WMI DQCR does not mention the acceptance surveys.

DATE: August 11, 2006 OBSERVATION REPORT NO: 139

8. On 8/10 the Tom James cutterhead excavated below the permitted cut depth between 18:25 and 18:33. During this interval the Tom James cutterhead excavated an average of approximately 0.6 feet and a maximum of 0.9 feet below the permitted cut depth. On 8/10 the Tom James cutterhead excavated below the permitted cut depth for less than 2 minutes on several occasions. During these intervals, and excluding the 8 minute violation, the Tom James cutterhead excavated an average of approximately 0.6 feet and a maximum of 1.3 feet below the permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about dressing the beach. Gary stated that completed sections of the beach will be graded and dressed prior to conducting the acceptance surveys.

2. I spoke with Gary Johnson about the pumping operations. Gary stated that sand pumping will stop today and the site will be prepared to pump overburden to the marsh creation area. Gary said that pumping overburden to the marsh creation area will last approximately three days and then sand dredging operations will resume.

3. I spoke with Gary Johnson (WMI) about his weekend leave. Gary stated that he will be returning to the mainland for the weekend and will return on Monday. Gary said that Paul Stewart (WMI) will be the superintendent in his absence.

4. I spoke with Nate Johnson (WMI) about the acceptance surveys completed today. Nate stated that acceptance surveys were conducted between Station 26+00 and Station 17+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Bulldozer dismantling shore pipe near Station 35+00.

Bulldozer advancing shore pipe east near Station 43+72
Range -2+50.

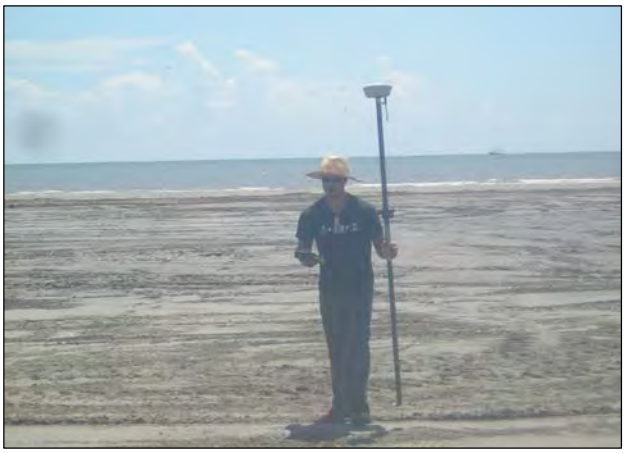
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: August 11, 2006 OBSERVATION REPORT NO: 139

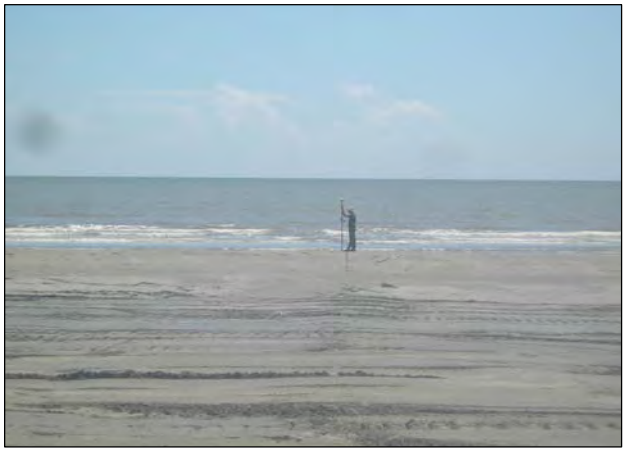
Marsh buggy constructing a containment dike near Station 50+00 Range -3+00.

North outfall near Station 48+56 Range -3+50.

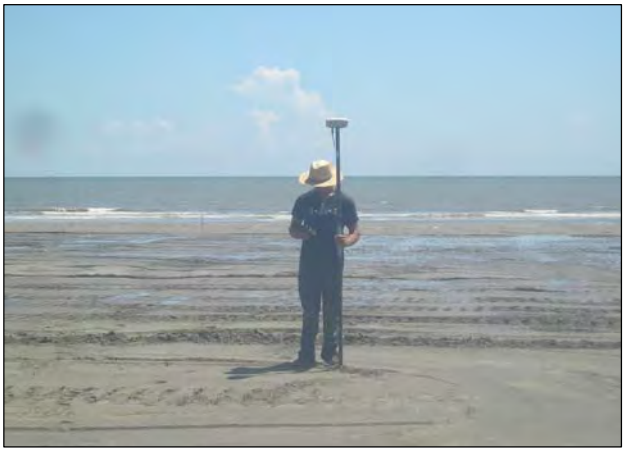
WMI conducting an acceptance survey along Station 26+00.



WMI conducting an acceptance survey along Station 25+00.



WMI conducting an acceptance survey along Station 24+00.



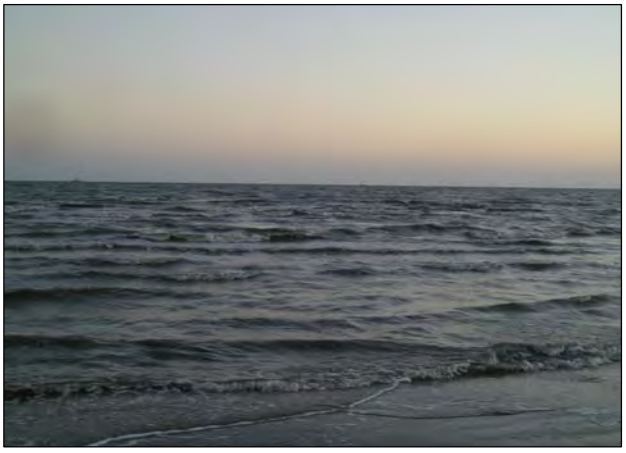
WMI conducting an acceptance survey along Station 23+00.

DATE: August 11, 2006 OBSERVATION REPORT NO: 139

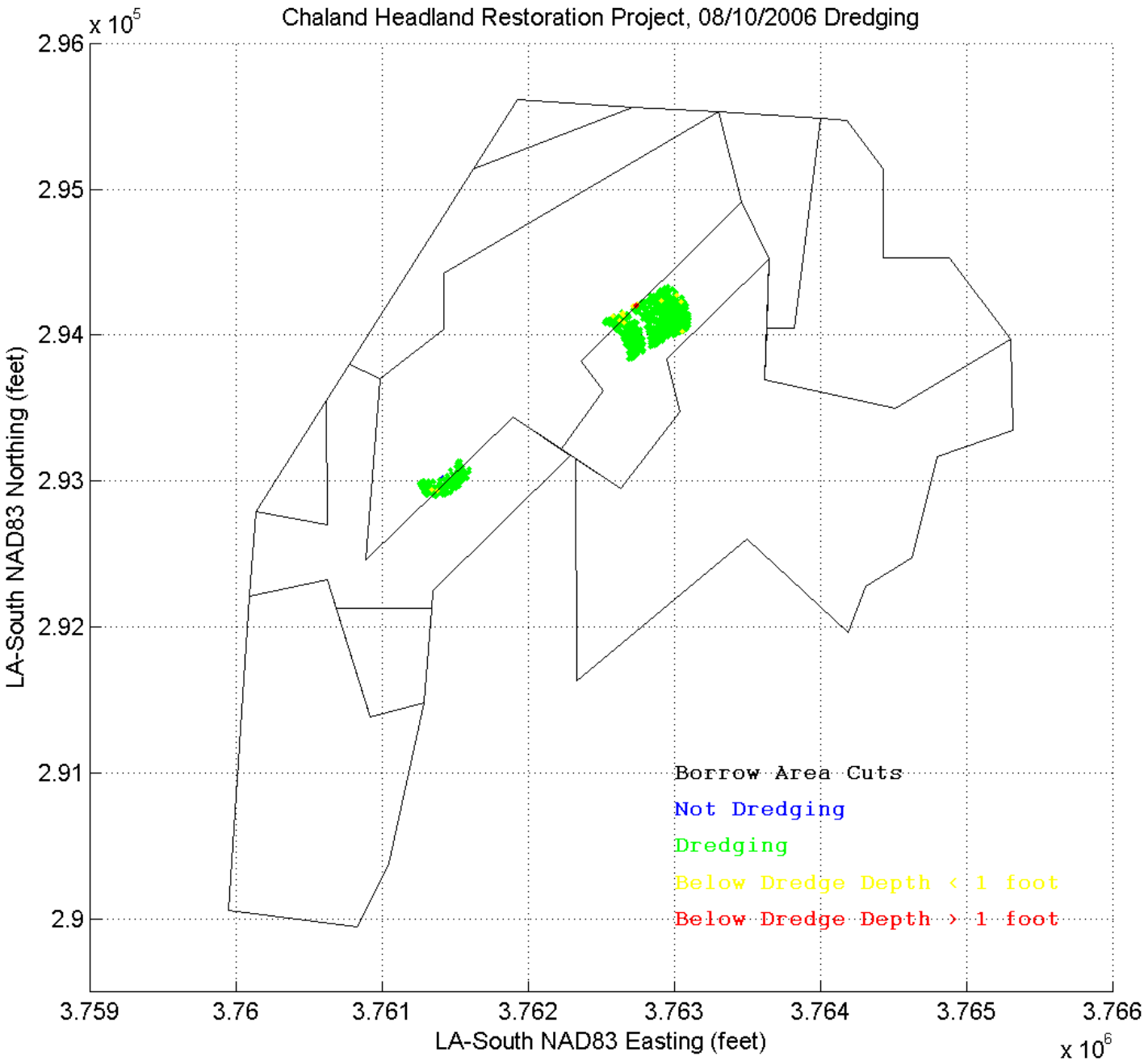
WMI conducting an acceptance survey along Station 22+00.

WMI conducting an acceptance survey along Station 21+00.

WMI conducting an acceptance survey along Station 20+00.



Gulf of Mexico wave conditions near Station 72+75.


Chaland Headland Restoration Project, 08/10/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 12, 2006 | OBSERVATION REPORT NO: 140
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 270
ARRIVAL TIME: 14:00 DEPARTURE TIME: 16:30

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	S 0-5 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Overburden Removal
NORTH OUTFALL LOCATION:	Station 48+56
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 58+23
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	N/A
MARSH FILL AREA EXTENT LOCATION:	Station 67+91

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	
	Measurement 1: Station 30+00 - Measured Width: 278', Template Width: 280'		
	Measurement 2: Station 31+00 - Measured Width: 284', Template Width: 280'		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 12, 2006 OBSERVATION REPORT NO: 140

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Between Station 30+00 and Station 43+72.	Yes	Observation #2
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	Observation #1
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the marsh creation area or the beach. The north outfall was located near Station 48+56 Range -3+50 and pointed northeast. The south outfall was located near Station 58+23 Range -4+25 and pointed northeast. The marsh fill elevation between Station 48+56 and Station 53+40 could not be verified as the marsh fill was below the water surface. The marsh fill elevation between Station 58+23 and the extent of marsh fill, near Station 67+91, was above the upper tolerance for marsh fill. See discussion item #1.

2. Beach construction between Station 17+00 and Station 38+00 has been completed. The beach has been graded and dressed between Station 17+00 and Station 38+00. All grade stakes were removed from the beach between Station 17+00 and Station 29+00. See discussion item #2.

3. A bulldozer graded the dune crest between Station 38+00 and Station 43+72.

4. WMI surveyors replaced missing grade stakes on the beach near Station 53+40. See discussion item #2.

5. On 8/11 the Tom James cutterhead excavated below the permitted cut depth for less than 2 minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.8 feet and a maximum of 3.2 feet below the permitted cut depth. On 8/11 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 1 minute on three occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.4 feet and a maximum of 0.9 feet below the required overburden removal strip depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about pumping operations. Paul stated that WMI stopped pumping overburden material to the marsh creation area. Paul said that the Tom James is now removing overburden material from the borrow area and is sidecasting the stripped material within the borrow area limits. Paul stated that stripping operations will continue for one week. Paul said that the overburden material pumped to the marsh creation area has a smaller percentage of sand than the overburden material that was pumped to the marsh creation area previously. Paul stated that the small percentage of sand makes it difficult to advance the shore pipe. Paul said that it may take several days to advance the shore pipe to the next marsh creation area. I informed Jason Manthey (NOAA) of the change in dredging operations and left a message on Gordon Thomson's (CPE) voicemail.

DATE: August 12, 2006 OBSERVATION REPORT NO: 140

2. I spoke with Tom Newman (WMI) about the WMI survey activities. Tom stated that the WMI survey crew removed all grade stakes and swept the beach with a magnetometer between Station 17+00 and Station 29+00. Tom said that the WMI surveyors also checked the grade stakes on the beach east of Station 29+00 and replaced as necessary.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

View to the northeast from Station 58+23 Range -4+25.

View to the east from Station 58+23 Range -4+25.

View to the southeast from Station 58+23 Range -4+25.

View to the south from Station 58+23 Range -4+25.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: August 12, 2006 OBSERVATION REPORT NO: 140

View to the southwest from Station 58+23 Range -4+25.

View to the west from Station 58+23 Range -4+25.

View to the northwest from Station 58+23 Range -4+25.

View to the north from Station 58+23 Range -4+25.

View to the northeast from Station 48+56 Range -3+50.

View to the east from Station 48+56 Range -3+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: August 12, 2006 OBSERVATION REPORT NO: 140

View to the southeast from Station 48+56 Range -3+50.

View to the south from Station 48+56 Range -3+50.

View to the southwest from Station 48+56 Range -3+50.

View to the west from Station 48+56 Range -3+50.

View to the northwest from Station 48+56 Range -3+50.

View to the north from Station 48+56 Range -3+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 6

DATE: August 12, 2006 OBSERVATION REPORT NO: 140

View to the west from Station 29+20 Range 0+00.

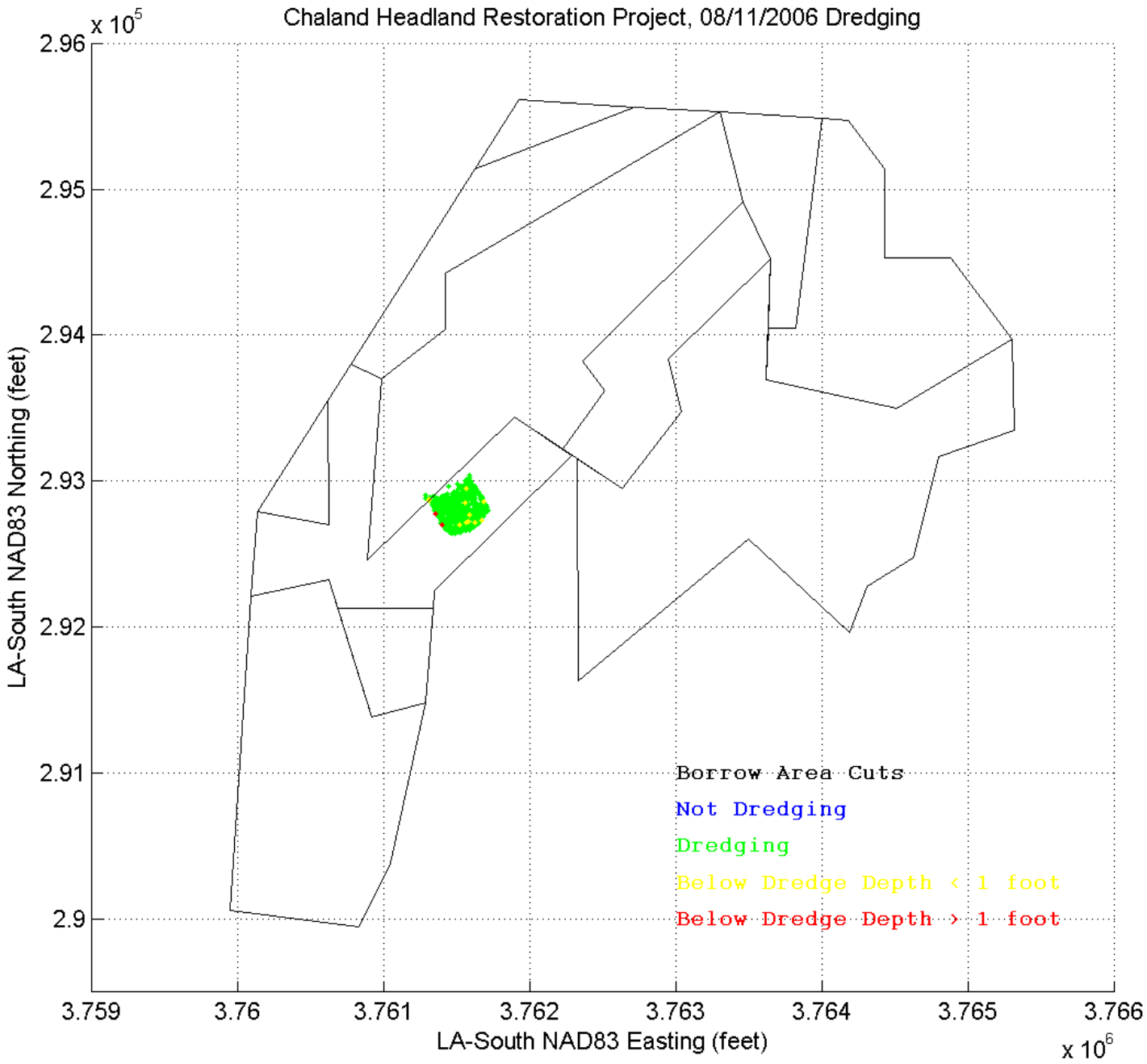
View to the northwest from Station 29+20 Range 0+00.

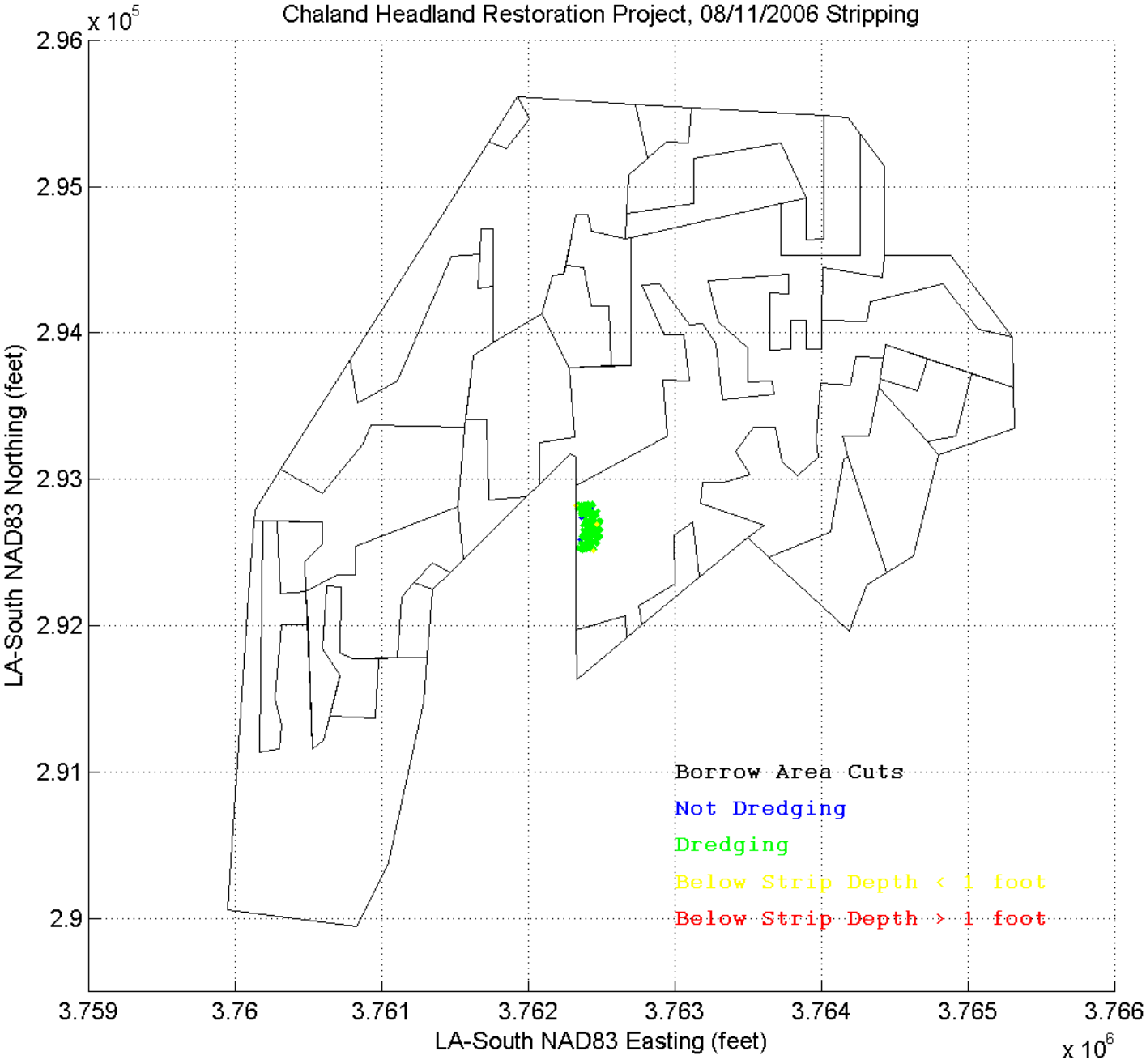
View to the southwest from Station 29+20 Range 0+00.

View to the southeast from Station 29+20 Range 0+00.

View to the northeast from Station 29+20 Range 0+00.

View to the east from Station 29+20 Range 0+00.


Chaland Headland Restoration Project, 08/11/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 08/11/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 13, 2006 | OBSERVATION REPORT NO: 141
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 271
ARRIVAL TIME: 12:45 DEPARTURE TIME: 14:45

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SSW 0'-1'
WIND SPEED AND DIRECTION: SW 5-10 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Overburden Removal and Beach Preparation
NORTH OUTFALL LOCATION: N/A
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 58+23
SOUTH CONTAINMENT DIKE LOCATION: Station 58+23
OTHER CONTAINMENT DIKE LOCATION: Station 58+23
BEACH FILL AREA EXTENT LOCATION: Station 58+23
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Discharge location inconsistencies within the WMI DQCR.		Observation #9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Discussion #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #10

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 13, 2006 OBSERVATION REPORT NO: 141

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh today. See discussion item #1.

2. A containment dike with a 3 foot NAVD crest elevation was observed near Station 67+91 between Range -3+00 and Range -5+00. This containment dike was used to contain the marsh fill west of Station 67+91. However, silts from the marsh fill extend to Station 77+60 Range -2+00 and forms a bank along the outskirts of Robinson Canal that has a crest elevation of approximately 2 feet NAVD.

3. The beach fill extends to Station 58+23 and has a crest elevation of approximately 3 feet NAVD between the northern extent of the dune crest and the project baseline. Between the project baseline and the southern extent of the dune crest near Station 58+23 the fill elevation is approximately 2 feet NAVD. The design elevation of the northern slope of the dune crest has been achieved between Station 58+23 and the western extent of the dune The dune crest elevation linearly increases from 2-3 feet NAVD near the extent of fill to 6 feet NAVD near the following locations: Station 48+00 between the northern extent of the dune crest and Range -0+50, Station 43+72 between the northern extent of the dune crest and Range 0+40, and Station 38+88 between the northern extent of the dune crest and the southern extent of the dune crest. The design template has been filled and graded between Station 38+88 and Station 17+00 and dressed between Station 38+00 and Station 17+00.

4. A second Quarters Barge was observed approximately 300 feet east of the WMI Quarters Barge. See discussion item #3.

5. The locations of the installed settlement plates along Station 19+52 and Station 77+60 were confirmed with a handheld differential GPS unit. The recently installed settlement plate along Station 96+96 was inaccessible to me at this time. The accuracy of the GPS unit was approximately 15 feet, and the settlement plates were located within this range.

6. The shore pipe was dismantled and brought west from Station 50+00 to Station 40+00 in preparation for beach fill operations. Connected shore pipe extended from Station 29+20 to Station 35+00. A Y-valve was located near Station 39+00 Range 0+00.

7. A bulldozer graded the southern slope of the dune and constructed the south containment dike near Station 40+00. The crest elevation of the constructed containment dike was approximately 8 feet NAVD.

8. WMI performed a safety meeting aboard the Quarters Barge this morning. Items discussed included: alarms, evacuation plans, and boating safety.

9. Discharge location inconsistencies were observed in the 8/12 WMI Daily Quality Control Report (DDR). The 8/12 WMI DQCR summary states that the discharge was located at Station 40+40 while item #1, work performed, states that the discharge was located at Station 54+00.

DATE: August 13, 2006 OBSERVATION REPORT NO: 141

10. On 8/12 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 3 minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.8 feet and a maximum of 3.5 feet below the required overburden removal strip depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the dredging operations. Paul stated that the Tom James is removing overburden material from the borrow area and is sidecasting the stripped material within the borrow area limits. Paul said that WMI is preparing the beach for beach fill operations and hopes that sand dredging operations will resume on Thursday.

2. I spoke with Paul Stewart (WMI) about acceptance surveys. Paul stated that the beach has been prepared and profiles between Station 30+00 and Station 38+88 are ready for acceptance surveys. Paul said that WMI will conduct the acceptance surveys of the completed sections with a representative from Fenstermaker and Associates tomorrow or sometime early in the week. I stated that I would be ready to observe the acceptance surveys but would appreciate an update when the survey time has been confirmed.

3. I spoke with Paul Stewart (WMI) about the second Quarters Barge observed on-site. Paul stated that the other Quarters Barge is for the company who will be installing the sand fence. Paul was unsure of the sand fencing contractor's name.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

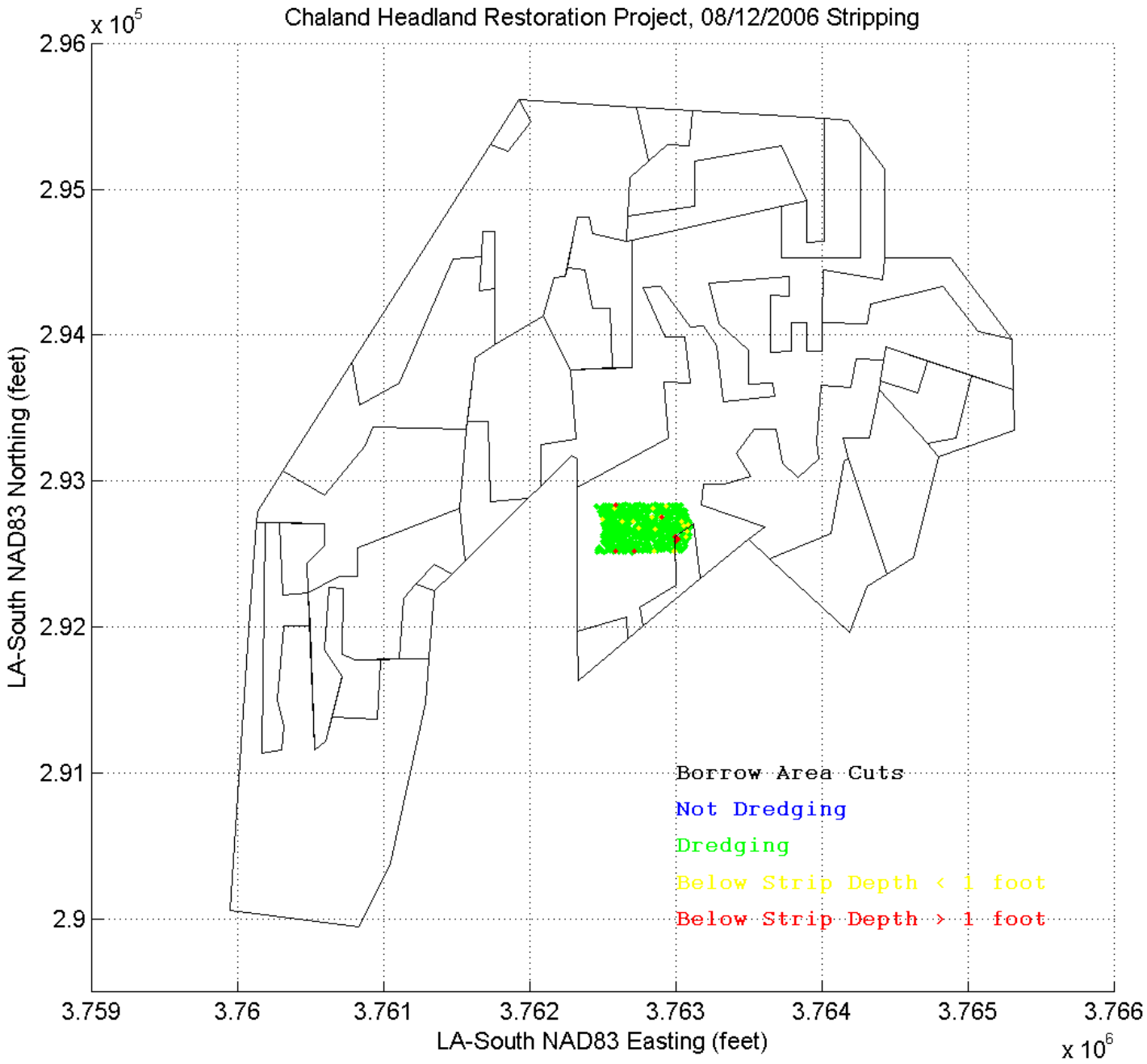
1. Yes. Marsh fill extended into the beach fill template near Station 77+60. Technical Provision 20.1 states that "All marsh, dune, and beach fill excavated from the borrow areas shall be transported to, and hydraulically deposited on, the beach and dune, or marsh within the lines, grades and cross sections shown in the plans for the type of fill being placed (marsh or dune/beach), unless otherwise provided for herein or directed by the GOVERNMENT."

The extent of marsh fill near Station 77+60 Range -2+00.

Marsh fill containment dike near Station 67+91.

Bulldozer grading the south slope of the dune near Station 40+00.

Gulf of Mexico wave conditions near Station 72+75.


Chaland Headland Restoration Project, 08/12/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 14, 2006 | OBSERVATION REPORT NO: 142
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 272
ARRIVAL TIME: 14:30 DEPARTURE TIME: 16:30

WEATHER CONDITIONS: Overcast
WAVE HEIGHT AND DIRECTION: SW 0'-1'
WIND SPEED AND DIRECTION: WSW 5-10 mph
TEMPERATURE: 85°-95° F

CONSTRUCTION ACTIVITY: Overburden Removal and Beach Preparation
NORTH OUTFALL LOCATION: N/A
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: Station 58+23
SOUTH CONTAINMENT DIKE LOCATION: Station 58+23
OTHER CONTAINMENT DIKE LOCATION: Station 58+23
BEACH FILL AREA EXTENT LOCATION: Station 58+23
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach grade staking between Station 65+00 and Station 72+00.		Discussion #4

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Discussion #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	

Measurement 1: Station 32+00 - Measured Width: 271', Template Width: 280'
Measurement 2: Station 33+00 - Measured Width: 279', Template Width: 280'
Measurement 3: Station 34+04 - Measured Width: 275', Template Width: 280'
Measurement 4: Station 35+00 - Measured Width: 278', Template Width: 280'

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 14, 2006 OBSERVATION REPORT NO: 142

Measurement 5: Station 36+00 - Measured Width: 286', Template Width: 280'
Measurement 6: Station 37+00 - Measured Width: 280', Template Width: 280'
Measurement 7: Station 38+00 - Measured Width: 277', Template Width: 280'
Measurement 8: Station 38+88 - Measured Width: 275', Template Width: 280'

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	No
	Location:	
25.	Is an acceptance survey for a completed section being conducted today?	No
	Location:	
26.	Are sand fencing operations being conducted?	N/A
	Post location:	
	Fence location:	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh today. See discussion item #1.

2. The electricity aboard the Quarter Barge failed several times between 12:00 and 14:00. Diesel fuel was siphoned from the crew boat to the quarters barge. See discussion item #2.

3. Paul Stewart (WMI) left for Grand Isle around 9:45. Paul returned from Grand Isle around 19:45. See discussion item #3.

4. On 8/13 the Tom James cutterhead excavated below the required overburden removal strip depth between 13:53 and 16:15. During this interval the Tom James cutterhead excavated an average of approximately 0.7 feet and a maximum of 9.0 feet below the required overburden removal strip depth. On 8/13 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 5 minutes on several occasions. During these intervals, and excluding the 2 hour and 22 minute overstripping, the Tom James cutterhead excavated an average of approximately 1.0 feet and a maximum of 3.0 feet below the required overburden removal strip depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the dredging operations. Paul stated that the Tom James is removing overburden material from the borrow area and is sidecasting the stripped material within the borrow area limits. Paul said that WMI is preparing the beach for beach fill operations and stated that sand dredging operations will resume on Thursday or Friday. Paul said that prior to resuming sand dredging operations WMI would like to know whether the permitted cut depth will increase.

2. I spoke with Nate Johnson (WMI) about the electrical failure. Nate stated that the fuel tank was running dry. Nate said that he spoke with Gerald Delaughter (WMI) about the fuel level. Gerald stated that the fuel level was low and additional fuel is required to prevent fuel intake problems. Nate stated that he called Gary Johnson (WMI) to inform him of the situation. Gary stated that a fuel barge is en-route and should arrive in two days. The crew boat captain stated that approximately 200 gallons of diesel fuel was siphoned from the crew boat to the Quarters Barge to sustain the electricity until the fuel barge arrives later in the week.

DATE: August 14, 2006 OBSERVATION REPORT NO: 142

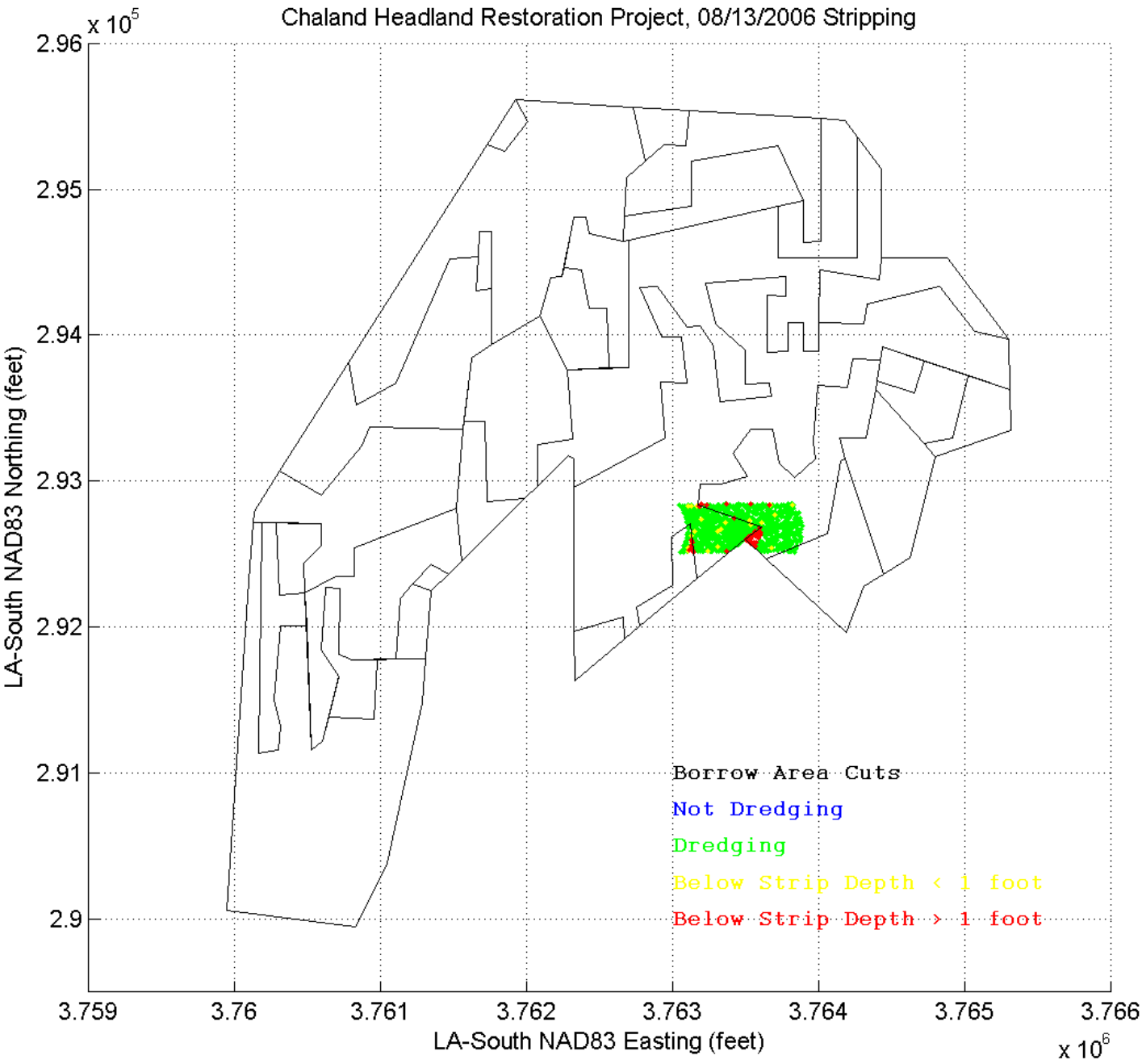
3. I spoke with Paul Stewart (WMI) about his day trip to Grand Isle. Paul stated that Nate Johnson (WMI) will be in charge during his absence.

4. I spoke with Anthony Vest (WMI) and Tom Newman (WMI) about the day's survey activities. Anthony and Tom stated that the south slope of the dune was staked between Station 65+00 and Station 73+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Gulf of Mexico wave conditions near Station 72+75.


Chaland Headland Restoration Project, 08/13/2006 Stripping
x 10^5
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LA-South NAD83 Northing (feet)
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3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 15, 2006 | OBSERVATION REPORT NO: 143
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 273
ARRIVAL TIME: 16:00 DEPARTURE TIME: 18:30

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	SE 0-5 mph
TEMPERATURE:	85°-95° F
CONSTRUCTION ACTIVITY:	Overburden Removal and Beach Preparation
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	Station 58+23
SOUTH CONTAINMENT DIKE LOCATION:	Station 58+23
OTHER CONTAINMENT DIKE LOCATION:	Station 58+23
BEACH FILL AREA EXTENT LOCATION:	Station 58+23
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #3

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 15, 2006 OBSERVATION REPORT NO: 143

25.	Is an acceptance survey for a completed section being conducted today?	No
	Location:	
26.	Are sand fencing operations being conducted?	N/A
	Post location:	
	Fence location:	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Red Cross CPR training was conducted aboard the Quarter Barge between 9:00 and 14:00.

2. Sand fence and fence post dimensions were measured. The fence posts measured approximately 8 feet long with a diameter of approximately 4 inches. The sand fence slats measured 0.3 inches thick, 1.4 inches wide by 4 feet long; the distance measured between slats was approximately 2 inches. Fence wire was twisted around the slats to hold them in place; the spacing of the 6 fence wires was approximately 4 inches from the top, 4 inches from the bottom, with the remaining wires spaced at 10 inches. This sand fence was approved by the COTR on 5/19.

3. On 8/14 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 2 minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.6 feet and a maximum of 1.2 feet below the required overburden removal strip depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nate Johnson (WMI) about the beach acceptance surveys conducted on 8/10 and 8/11. Nate provided preliminary xyz data of the beach acceptance surveys taken between Station 17+00 and Station 29+20. Nate stated that beach acceptance surveys will be conducted tomorrow between Station 30+00 and Station 38+88. Nate said that he would like to compare computed volumes after the data has been analyzed.

2. I spoke with Nate Johnson (WMI) about the day's survey activities. Nate stated that the survey crew performed check surveys of the beach between Station 30+00 and Station 38+00.

3. I spoke with Jason Manthey (NOAA) about the 8/12 WMI Daily Quality Control Report (DQCR). Jason stated that the discharge location stated in the summary contradicts the discharge location stated in item #1, work performed, and the discharge location stated in the WMI Daily Dredge Report (DDR). Jason asked me to speak with Gary Johnson (WMI) about this discrepancy. I informed Gary of the discrepancy and he stated that he would fix the problem.

4. I spoke with Gary Johnson (WMI) about the silt observed in the beach fill template near Station 77+60. Gary stated that he instructed the shore crew to block the flow pipes below the equipment access road near Station 77+60 Range -2+75 with a sheet of plywood. Gary said that blocking these drain pipes will direct the easterly flow toward the drain pipes located near Station 77+60 Range -13+00. I asked Gary how he would construct this area per the project plans. Gary stated that siltation would have occurred regardless, due to the long distances that the material has been running, but when pumping sand near the area the dozers will push the marsh fill material north and will replace it with sand.

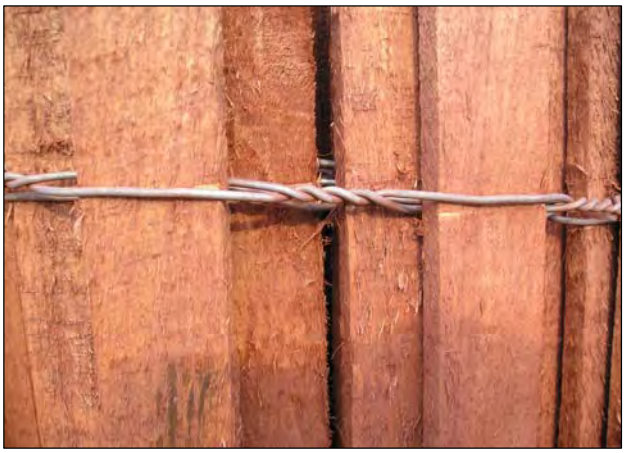
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 15, 2006 OBSERVATION REPORT NO: 143

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

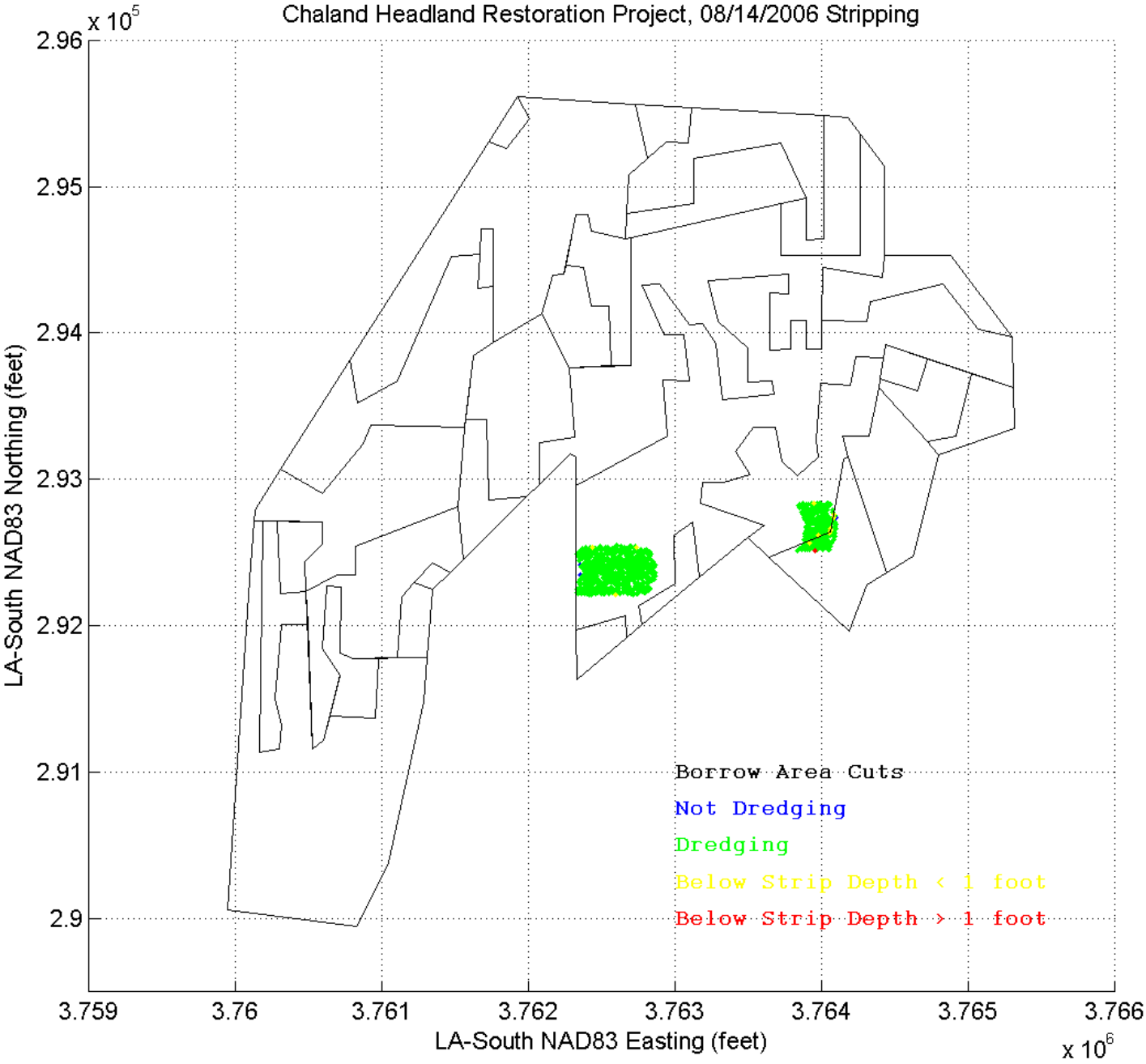
Gulf of Mexico wave conditions near Station 77+60.



Fence slats secured with twisted fence wire.

Sand fence bundles.

Fence post bundles.


Chaland Headland Restoration Project, 08/14/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 16, 2006 | OBSERVATION REPORT NO: 144
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 274
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 12:00
14:00 | 16:00

WEATHER CONDITIONS:	Overcast, Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SSE 0'-1'
WIND SPEED AND DIRECTION:	SE 0-5 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Overburden Removal and Beach Preparation
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	Station 58+23
SOUTH CONTAINMENT DIKE LOCATION:	Station 58+23
OTHER CONTAINMENT DIKE LOCATION:	Station 58+23
BEACH FILL AREA EXTENT LOCATION:	Station 58+23
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Discussion #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	Yes	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 16, 2006 OBSERVATION REPORT NO: 144

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Between Station 29+20 and Station 38+88.	Yes	Observation #3
25.	Is an acceptance survey for a completed section being conducted today? Location: Between Station 16+00 and Station 7+42.	Yes	Observation #1
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI conducted acceptance surveys along Station 16+00, Station 15+00, Station 14+68, and Station 7+42. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Steve Litwiller (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. See discussion item #2 and discussion item #3.

2. A bulldozer advanced the shore pipe east from Station 29+20 to Station 38+88.

3. A bulldozer dressed the beach between Station 29+20 and Station 38+88. A 40-foot dredge pipe, dragged behind the bulldozer, was used to dress the beach.

4. On 8/15 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 3 minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 1.0 feet and a maximum of 2.7 feet below the required overburden removal strip depth. On 8/15 the Tom James cutterhead excavated approximately 5 feet outside the horizontal limits of the borrow area for less than one minute on 8 occasions.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the dredging operations. Gary stated that the Tom James is removing overburden material from the borrow area and is sidecasting the stripped material within the borrow area limits. Gary said that sand dredging operations will resume on Friday.

2. I spoke with Nate Johnson (WMI) about acceptance surveys. Nate stated that the beach will be surveyed today between Station 16+00 and Station 7+42. Nate said that the beach will then be surveyed between Station 30+00 and Station 38+88. Nate stated that the marsh has settled for the 30 day requirement between Station 7+42 and Station 30+00 and will be surveyed after the beach has been surveyed between Station 7+42 and Station 38+88.

3. I spoke with Nate Johnson (WMI) about obtaining the acceptance survey data of the beach profiles surveyed today. Nate stated that he can not provide the pay survey data until Fenstermaker & Associates processes the raw data and signs and seals the processed data. Nate stated that only certified survey data will be submitted.

4. I spoke with Gary Johnson (WMI) about available survey data of the borrow area. Gary stated that he will obtain borrow area survey data from the Tom James tomorrow.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 16, 2006 OBSERVATION REPORT NO: 144

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

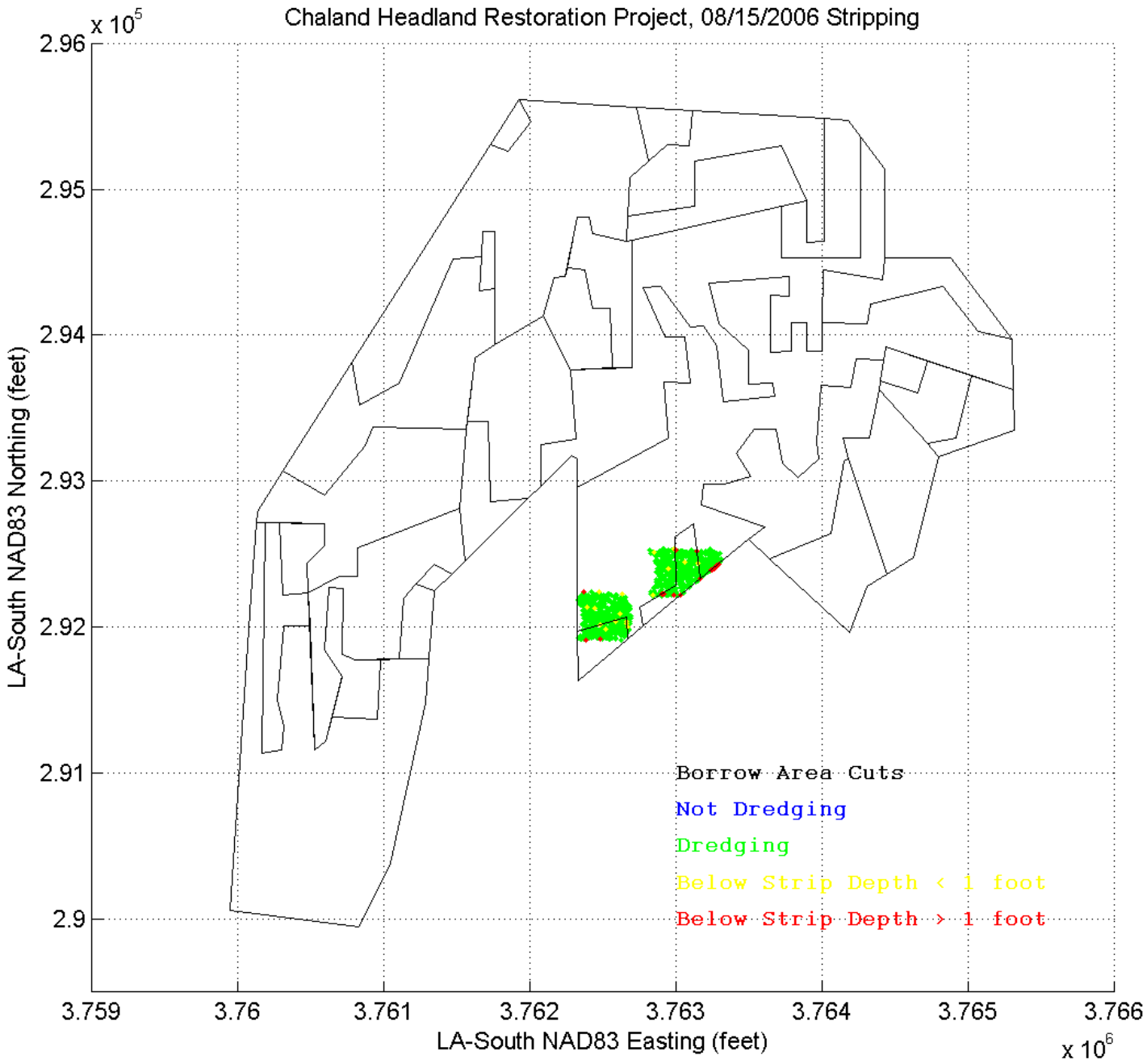
WMI conducting an acceptance survey along Station 16+00.

WMI conducting an acceptance survey along Station 14+68.

WMI conducting an acceptance survey along Station 7+42.

Bulldozer dressing the beach near Station 32+00.

Gulf of Mexico wave conditions near Station 72+75.


Chaland Headland Restoration Project, 08/15/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 17, 2006 | OBSERVATION REPORT NO: 145
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 275
ARRIVAL TIME: 14:00 DEPARTURE TIME: 16:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	SE 10-15 mph
TEMPERATURE:	85°-95° F
CONSTRUCTION ACTIVITY:	Overburden Removal and Beach Preparation
NORTH OUTFALL LOCATION:	Station 44+60
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 39+60
NORTH CONTAINMENT DIKE LOCATION:	Station 63+08
SOUTH CONTAINMENT DIKE LOCATION:	Station 58+23
OTHER CONTAINMENT DIKE LOCATION:	Station 63+08
BEACH FILL AREA EXTENT LOCATION:	Station 58+23
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dressing inconsistency and vague survey description.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Discussion #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 17, 2006 OBSERVATION REPORT NO: 145

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	Yes	Discussion #2
36.	Did any other work activities of note occur today? Description: Shore pipe transfer from the barge to the beach.	Yes	Observation #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh. The north outfall was located near Station 44+60 Range 0+00 and pointed east. The south outfall was located near Station 39+60 Range 0+60 and pointed southeast. A Y-valve was located near Station 39+00 Range 0+25. See discussion item #1.

2. Two bulldozers constructed the north containment dike near Station 63+08 along the northern extent of the dune crest. The crest elevation of the constructed containment dike was approximately 7 feet NAVD.

3. Shore pipe was transferred from the barge located near Station 58+23 Range -13+00 to the beach near Station 77+60 Range -1+00.

4. The Quarters Barge ran out of fuel resulting in a lack of electricity for approximately 2 hours.

5. a) Beach dressing inconsistencies were observed in the 8/16 WMI Daily Quality Control Report (DQCR). The WMI DQCR summary states that dressing operations were completed up to Station 29+20. During the 8/16 CPE observation beach dressing was completed between Station 7+42 and Station 38+88.

   b) Item #2, result of surveillance, in the 8/16 WMI Daily Quality Control Report does not specifically state what dredging operations were performed. Item #2 in the WMI DQCR states that the dredge continues beach fill operations / marsh fill / stripping. The 8/16 WMI Daily Dredge Report (DDR) states that stripping operations occurred on 8/16.

6. On 8/16 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 2 minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 1.5 feet and a maximum of 3.5 feet below the required overburden removal strip depth. On 8/16 the Tom James cutterhead excavated approximately 5 feet outside the horizontal limits of the borrow area for less than one minute on 7 occasions.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the dredging operations. Gary stated that the Tom James is removing overburden material from the borrow area and is sidecasting the stripped material within the borrow area limits. Gary said that sand dredging operations are still scheduled to resume tomorrow morning.

2. I spoke with Nate Johnson (WMI) about the day's survey activities. Nate stated that the survey crew installed a settlement plate near Station 116+32 Range 2+00. Nate said that the elevation and location of the installed settlement plate will be verified tomorrow.

DATE: August 17, 2006 OBSERVATION REPORT NO: 145

3. I spoke with Nate Johnson (WMI) about the acceptance surveys. Nate stated that the observer from Fenstermaker & Associates did not visit the project site today as scheduld. Nate said that WMI will attempt to conduct the acceptance surveys tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

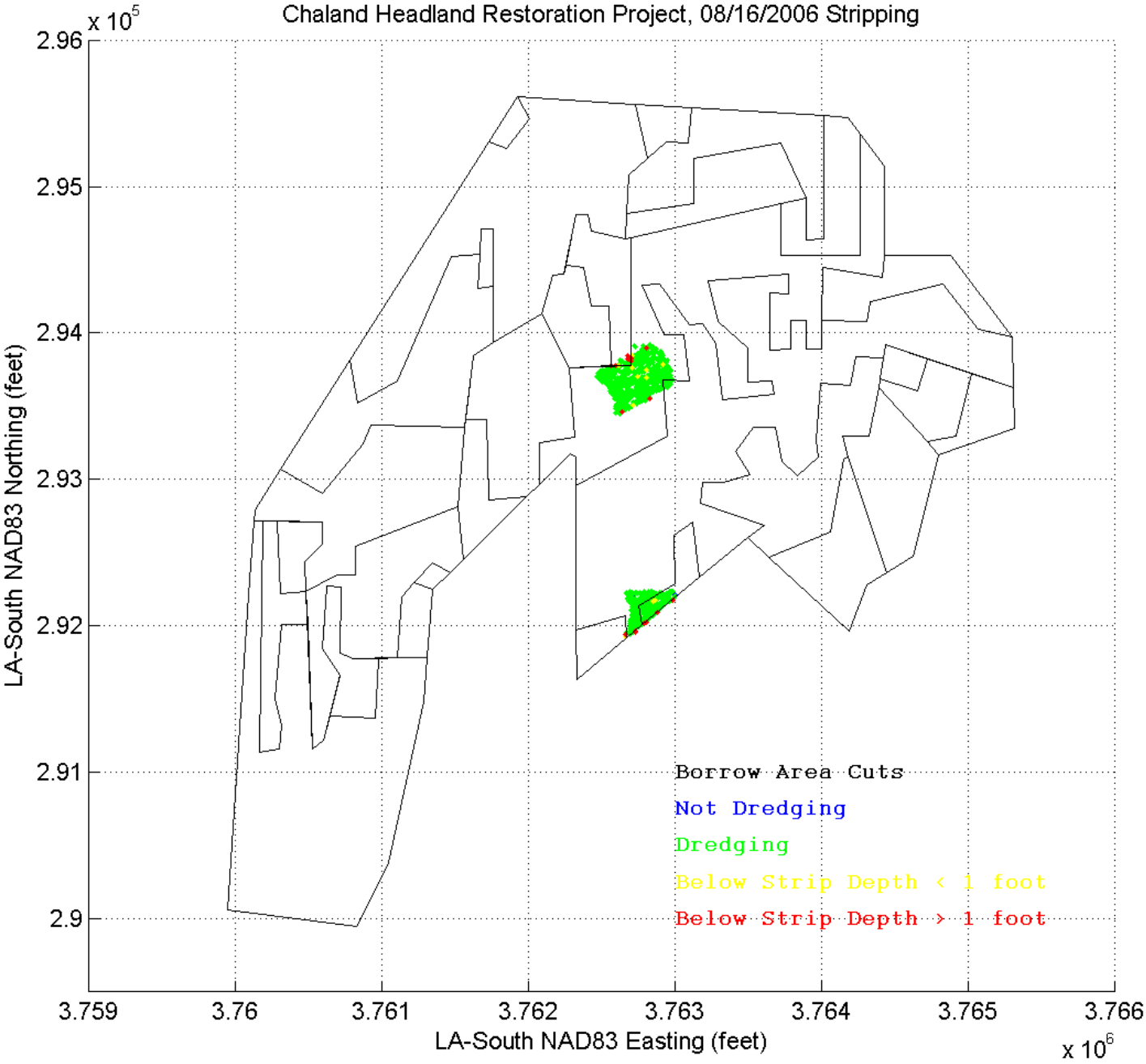
1. No.

North outfall near Station 44+60 Range 0+00.

Loader transferring shore pipe to the beach near Station 77+60.

Bulldozers creating the northern containment dike near Station 63+08.

Gulf of Mexico wave conditions near Station 38+88.


Chaland Headland Restoration Project, 08/16/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 18, 2006 | OBSERVATION REPORT NO: 146
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 276
ARRIVAL TIME: 12:30 DEPARTURE TIME: 16:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	ESE 10-15 mph
TEMPERATURE:	85°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 44+60
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 39+60
NORTH CONTAINMENT DIKE LOCATION:	Station 63+08
SOUTH CONTAINMENT DIKE LOCATION:	Station 58+23
OTHER CONTAINMENT DIKE LOCATION:	Station 63+08
BEACH FILL AREA EXTENT LOCATION:	Station 63+08
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dressing inconsistency and vague survey description.		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #9

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH033, Sta. 45+00 Ra. 0+10 (N 29.31173° W 89.77087°), 14:42		Observation #6
20.	Has a discharge sample been collected?	Yes	Observation #7
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	Yes	
	Measurement 1: Station 16+00 - Measured Width: 229', Template Width: 228'		
	Measurement 2: Station 14+68 - Measured Width: 207', Template Width: 208'		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 18, 2006 OBSERVATION REPORT NO: 146

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Between Station 30+00 and Station 38+88.	Yes	Observation #3
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Shore pipe transfer from the barge to the beach.	Yes	Observation #4
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 39+60 Range 0+25 and pointed southeast. The slurry from the south outfall flowed east along the south containment dike and entered the Gulf of Mexico near Station 58+23 Range 3+00. The north outfall was located near Station 44+60 Range 0+10 and pointed east. The slurry from the north outfall flowed east between the north and center containment dikes to the extent of beach fill near Station 63+08 Range 3+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The south containment dike extended between Station 39+60 and Station 47+00 along the southern extent of the dune crest and had a crest elevation of approximately 7 feet NAVD. Near Station 47+00 the south containment dike was located approximately 100 feet south of the southern extent of the dune crest and extended to Station 58+23. The north containment dike extended along the project baseline between Station 44+60 and Station 63+08 and had a crest elevation of approximately 8 feet NAVD. A center containment dike extended along Range 0+50 between Station 39+60 and Station 63+08 and had a crest elevation of approximately 8 feet NAVD.

3. WMI conducted acceptance surveys along Station 36+00, Station 36+46, Station 37+00, Station 38+00, and Station 38+88. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Steve Litwiller (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. Non-uniform fill areas were observed between Station 37+50 and Station 38+88 and between Range 0+50 and the northern extent of the dune. See discussion item #3.

4. Shore pipe was transferred from the barge located near Station 58+23 Range -13+00 to the beach near Station 77+60 Range -1+00.

5. A bulldozer maintained the 8 foot NAVD crest elevation of the north containment dike near Station 53+40.

6. Sand sample CH033 was taken near Station 45+00 Range 0+10 (N 29.31173° W89.77087°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

7. A sample of the discharge from the north outfall was taken at 14:25 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 8/10.

8. a) Beach dressing inconsistencies were observed in the 8/17 WMI Daily Quality Control Report (DQCR). The WMI DQCR summary states that dressing operations were completed up to Station 29+20. During the 8/17 CPE observation beach dressing was completed between Station 7+42 and Station 38+88.

DATE: August 18, 2006 OBSERVATION REPORT NO: 146

b) Item #2, result of surveillance, in the 8/17 WMI Daily Quality Control Report does not specifically state what dredging operations were performed. Item #2 in the WMI DQCR states that the dredge continues beach fill operations / marsh fill / stripping. The 8/17 WMI Daily Dredge Report (DDR) states that stripping operations occurred on 8/17.

9. On 8/17 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 3 minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.8 feet and a maximum of 2.6 feet below the required overburden removal strip depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the increase in the permitted cut depth (Field Adjustment JLM-004). Gary stated that he received an email from Jason Manthey (NOAA) stating that the permitted cut depth in the borrow area has increased by 5 feet. Gary said that WMI plans on taking advantage of the additional material but will be cautious in doing so. Gary stated that WMI will initially cut approximately 2 feet below the previously permitted cut depth and closely monitor the fill. Gary said that if good fill results from the 2 foot increase an additional foot will be cut. Gary stated that this process will continue until the newly permitted cut depth is reached or the material is not suitable for fill.

2. I spoke with Gary Johnson (WMI) and Nate Johnson (WMI) about the acceptance surveys. I stated that after inspecting the preliminary data I was concerned that the acceptance survey requirements stated in Technical Provision 35.2 were not being met. Specifically, the spacing between survey points collected on all profiles during the 8/10 and 8/11 acceptance surveys did not adhere to Technical Provision 35.2. Nate stated that he observed this problem after the survey was taken and and said that he instructed the WMI survey crew to shorten the distance between collected points. Nate said that he would be willing to share the acceptance survey data with CPE immediately to facilitate a quality control system.

3. I spoke with Nate Johnson (WMI) about the acceptance surveys completed today. Nate stated that WMI conducted acceptance surveys between Station 30+00 and Station 38+88.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 44+60 Range 0+10.

South outfall near Station 39+60 Range 0+25.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: August 18, 2006 OBSERVATION REPORT NO: 146

WMI conducting an acceptance survey along Station 36+00.

WMI conducting an acceptance survey along Station 36+46.

WMI conducting an acceptance survey along Station 37+00.

WMI conducting an acceptance survey along Station 38+00.

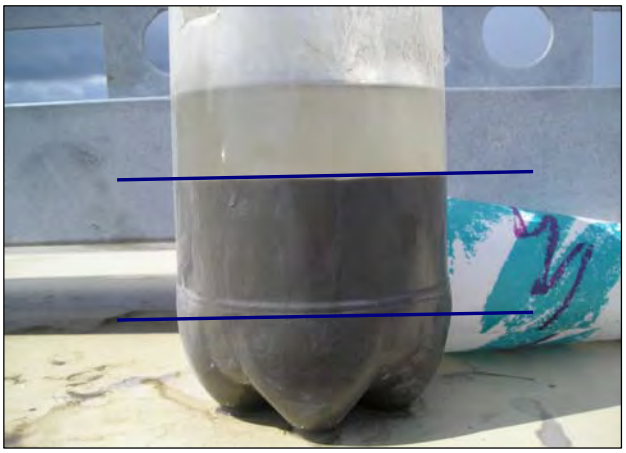
WMI conducting an acceptance survey along Station 38+88.

Gulf of Mexico wave conditions near Station 39+60.

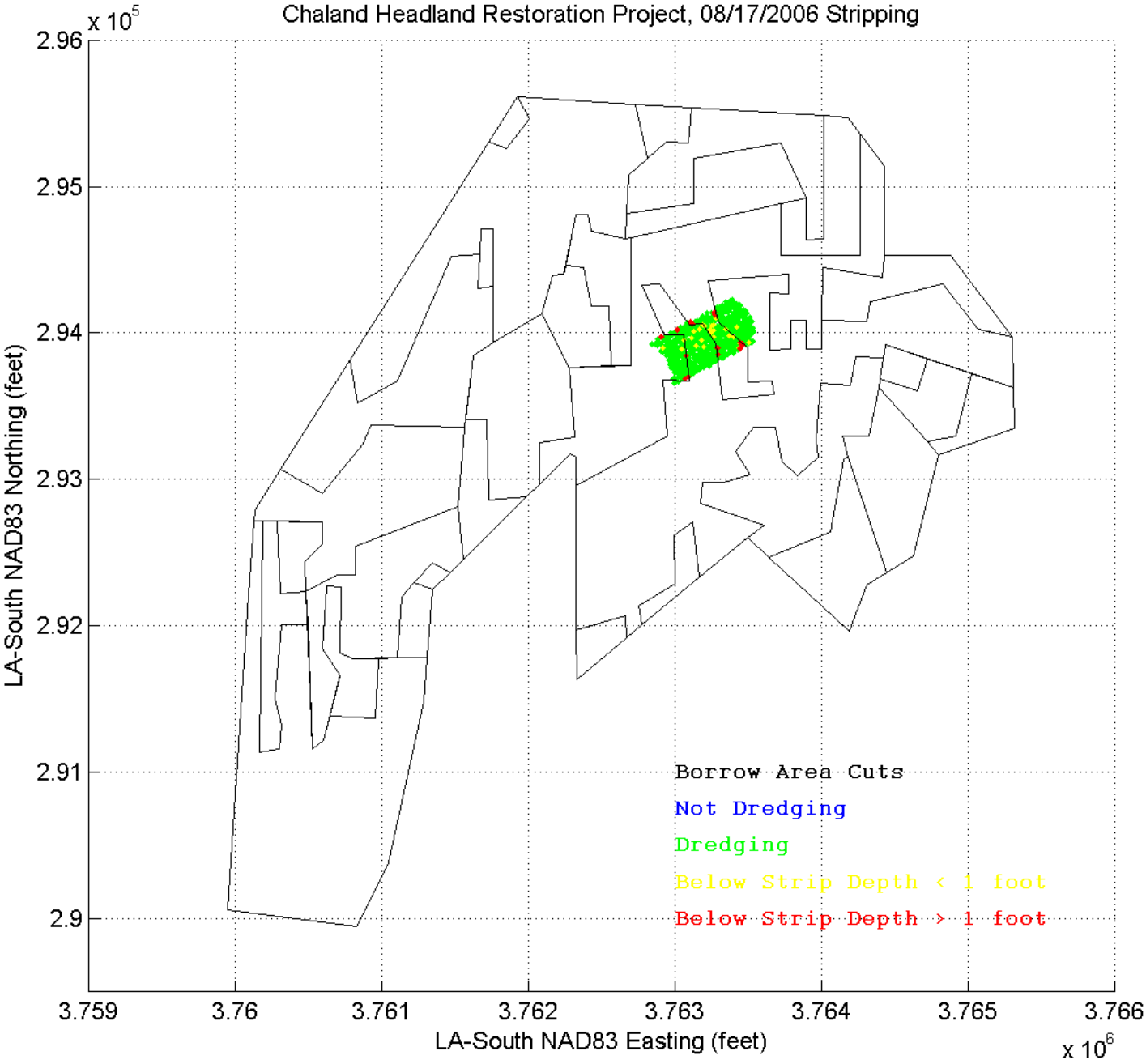
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: August 18, 2006 OBSERVATION REPORT NO: 146

Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 08/17/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 19, 2006 | OBSERVATION REPORT NO: 147
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 277

ARRIVAL TIME:	10:00	DEPARTURE TIME:	11:30
	12:30		15:00
	15:30		17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SSE 0'-1'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	85°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 46+00
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 40+00
NORTH CONTAINMENT DIKE LOCATION:	Station 63+08
SOUTH CONTAINMENT DIKE LOCATION:	Station 58+23
OTHER CONTAINMENT DIKE LOCATION:	Station 63+08
BEACH FILL AREA EXTENT LOCATION:	Station 63+08
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Vague survey description.		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #9

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH034, Sta. 47+00 Ra. 0+60 (N 29.31185° W 89.77023°), 16:00		Observation #6
20.	Has a discharge sample been collected?	Yes	Observation #7
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 19, 2006 OBSERVATION REPORT NO: 147

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Between Station 21+00 and Station 29+20.	Yes	Observation #3
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 40+00 Range 0+50 and pointed southeast. The slurry from the south outfall flowed east along the south containment dike and entered the Gulf of Mexico near Station 58+23 Range 3+00. The north outfall was located near Station 46+00 Range 0+10 and pointed east. The slurry from the north outfall flowed east between the north and center containment dikes to the extent of beach fill near Station 63+08 Range 3+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The south containment dike extended between Station 40+00 and Station 48+00 along the southern extent of the dune crest and had a crest elevation of approximately 7 feet NAVD. Near Station 48+00 the south containment dike was located approximately 100 feet south of the southern extent of the dune crest and extended to Station 58+23. The north containment dike extended along the project baseline between Station 46+00 and Station 63+08 and had a crest elevation of approximately 8 feet NAVD. A center containment dike extended along Range 0+50 between Station 40+00 and Station 63+08 and had a crest elevation of approximately 8 feet NAVD.

3. WMI conducted acceptance surveys along Station 26+00, Station 25+00, Station 24+36, and Station 24+00. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Steve Litwiller (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. See discussion item #1.

4. Several sections of graded and dressed beach fill appeared to be non-uniform. The beach fill was not dressed between Station 9+85 and Station 20+00 along the northern slope of the dune where shore pipe is stacked. Several sections of the graded and dressed dune crest between Station 16+00 and Station 19+52 appeared non-uniform. Additional sections of beach fill where grade stakes remain and in locations near the shore pipe also appeared to be non-uniform. See discussion item #2.

5. Three bulldozers maintained the north, center, and south containment dikes near Station 47+00 and near Station 53+40.

6. Sand sample CH034 was taken near Station 47+00 Range 0+60 (N 29.31185° W89.77023°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

7. A sample of the discharge from the north outfall was taken at 10:25 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 2.5 hour marks. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 8/5.

8. a) Item #2, result of surveillance, in the 8/18 WMI Daily Quality Control Report (DQCR) does not specifically state what dredging operations were performed. Item #2 in the WMI DQCR states that the dredge continues beach fill operations / marsh fill / stripping. The 8/18 WMI Daily Dredge Report (DDR) states that stripping and beach fill operations were conducted on 8/18.

   b) Item #2, result of surveillance, in the 8/18 WMI Daily Quality Control Report (DQCR) does not specifically state that acceptance surveys were conducted. Item #2 in the WMI DQCR states that the WMI surveyors surveyed and does not mention that an observer from Fenstermaker & Associates was present and that this survey was an acceptance survey. Furthermore, the profiles surveyed as part of the acceptance survey were not documented within the 8/18 WMI DQCR.

9. a) On 8/18 the Tom James cutterhead excavated below the required overburden removal strip depth on several occasions. Between 5:10 and 5:15 the Tom James cutterhead excavated an average of approximately 1.3 feet and a maximum of 1.9 feet below the required overburden removal strip depth. Between 6:11 and 6:30 the Tom James cutterhead excavated an average of approximately 0.4 feet and a maximum of 0.8 feet below the required overburden removal strip depth. Between 7:11 and 7:17 the Tom James cutterhead excavated an average of approximately 0.3 feet and a maximum of 0.5 feet below the required overburden removal strip depth. Excluding these previously listed periods, the Tom James cutterhead excavated an average of approximately 0.7 feet and a maximum of 2.4 feet below the required overburden removal strip depth for less than 2 minutes on several occasions.

   b) On 8/18 the Tom James cutterhead excavated below the permitted cut depth on two occasions. The Tom James cutterhead excavated an average of approximately 1.0 feet and a maximum of 1.9 feet below the permitted cut depth.

10. The acceptance survey data collected on 8/18 was inspected for specification compliance. Specifically the data point spacing was inspected to determine whether the performed survey complied with Technical Provision 35.2 which states that "Data points shall be taken at a spacing of not more than 20 feet." The data analysis indicated that acceptance surveys conducted along Station 30+00, Station 31+00, Station 32+00, Station 33+00, Station 36+00, Station 37+00, Station 38+00, and Station 38+88 complied with the requirements stated in Technical Provision 35.2. The data analysis indicated that acceptance surveys conducted along Station 34+04 and Station 35+00 did not comply with Technical Provision 35.2. Forty-seven percent (47%) of the data points collected along Station 34+04 had a spacing greater than 20 feet with a maximum spacing of 21.3 feet and forty-five percent (45%) of the data points collected along Station 35+00 had a spacing greater than 20 feet with a maximum spacing of 21.3 feet. See discussion item #3.

11. Gary Johnson (WMI) was not on the project site today. Paul Stewart (WMI) was observed on site. See discussion item #4.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nate Johnson (WMI) about the acceptance surveys completed today. Nate stated that WMI conducted acceptance surveys between Station 21+00 and Station 29+20. Nate stated that this section was surveyed again due to the data point spacing exceeding the specified 20 feet on the acceptance surveys conducted on 8/10 and 8/11.

2. I spoke with Paul Stewart (WMI) about the areas of non-uniform beach fill. Paul stated that the uneven grade is likely due to differential moisture contents in the beach fill. Paul said that while dressing the beach the bulldozers and shore pipe used to dress the beach sink in the soft pockets and remain even above the hard sand. Paul stated that a beach is being created and a perfectly level surface can not be expected.

3. I spoke with Nate Johnson (WMI) about the acceptance survey data collected on 8/18. I informed Nate of the data point spacing analysis. Nate stated that he will not immediately send the WMI survey crew back to Station 34+04 and 35+00 to re-survey but will wait for further directions from the Government. Nate said that he will speak with the WMI survey crew and remind them to closely monitor the distance between collected data points.

4. I spoke with Paul Stewart (WMI) about Gary Johnson's (WMI) absence. Paul stated that Gary will be returning on Monday.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

DATE: August 19, 2006 OBSERVATION REPORT NO: 147

North outfall near Station 46+00 Range 0+10.

South outfall near Station 40+00 Range 0+50.

WMI conducting an acceptance survey along Station 26+00.

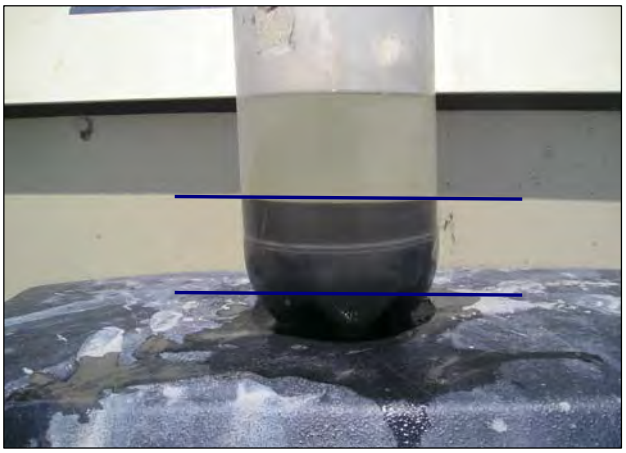
WMI conducting an acceptance survey along Station 25+00.

WMI conducting an acceptance survey along Station 24+36.

WMI conducting an acceptance survey along Station 24+00.

DATE: August 19, 2006 OBSERVATION REPORT NO: 147

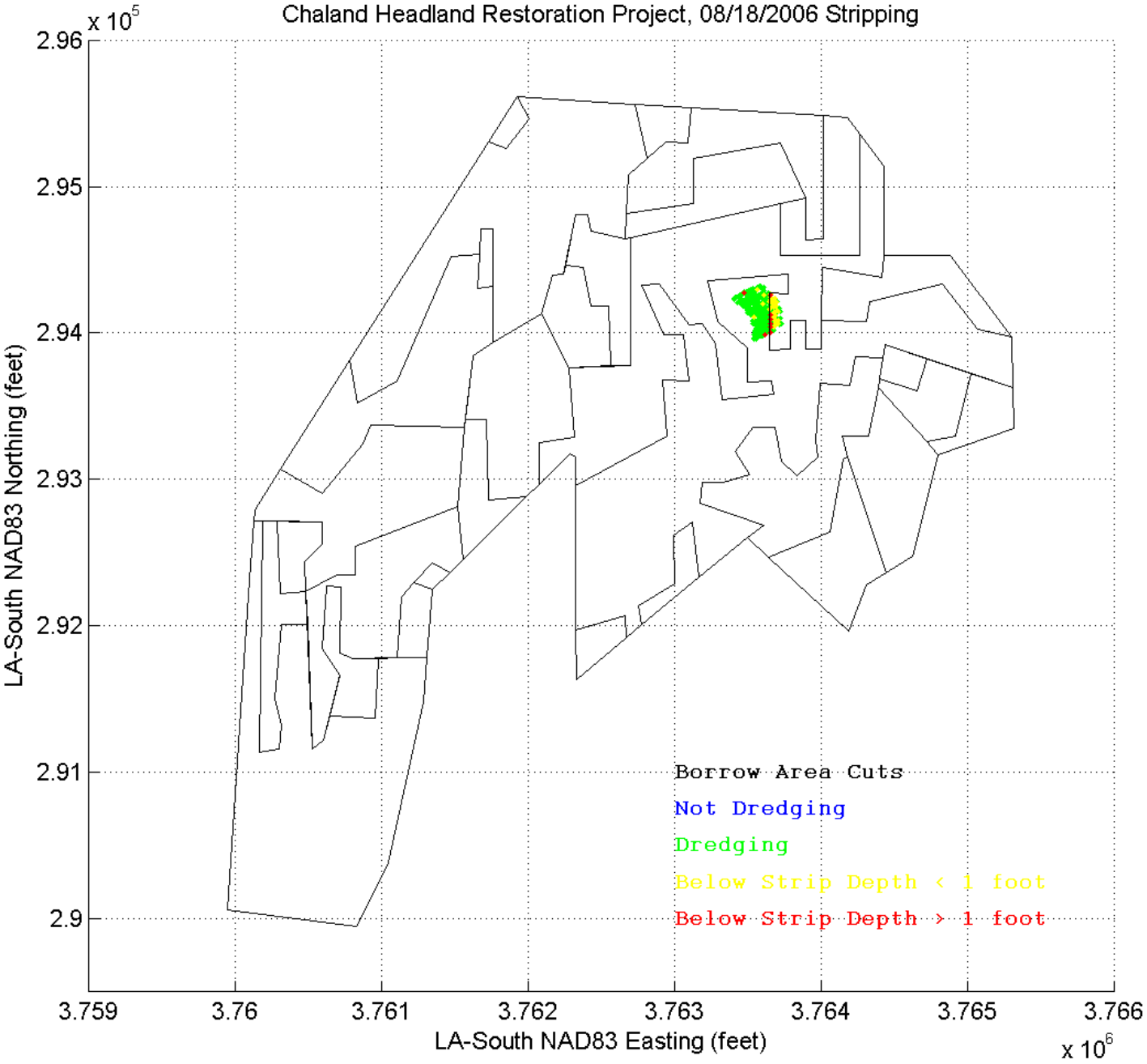
Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.

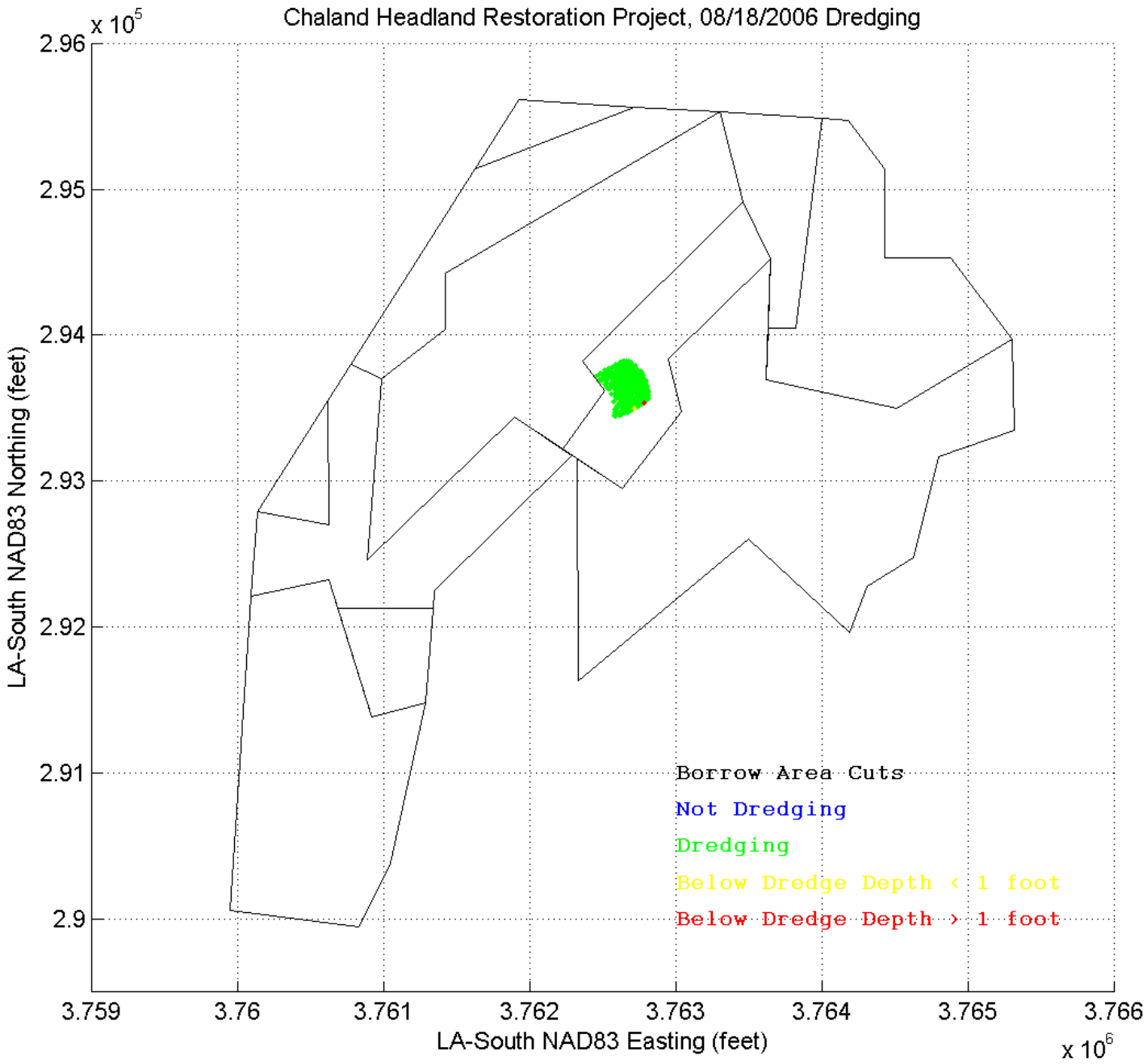


Discharge sample after settling for 2.5 hours. The blue lines are used to show sand, silt, and water interfaces.

Bulldozer maintaining the north containment dike near Station 53+40.

Gulf of Mexico wave conditions near Station 40+00.


Chaland Headland Restoration Project, 08/18/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot


Chaland Headland Restoration Project, 08/18/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 20, 2006 | OBSERVATION REPORT NO: 148
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 278
ARRIVAL TIME: 13:30 | DEPARTURE TIME: 17:00
17:45 | 19:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SSE 0'-1'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	85°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 46+00
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 41+00
NORTH CONTAINMENT DIKE LOCATION:	Station 63+08
SOUTH CONTAINMENT DIKE LOCATION:	Station 60+00
OTHER CONTAINMENT DIKE LOCATION:	Station 63+08
BEACH FILL AREA EXTENT LOCATION:	Station 63+08
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Vague survey description.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH035, Sta. 42+00 Ra. 1+25 (N 29.31155° W 89.77183°), 15:01		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 20, 2006 OBSERVATION REPORT NO: 148

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 41+00 Range 1+15 and pointed southeast. The slurry from the south outfall flowed east along the south containment dike and entered the Gulf of Mexico near Station 60+00 Range 3+00. The north outfall was located near Station 46+00 Range 0+10 and pointed east. The slurry from the north outfall flowed east between the north and center containment dikes to the extent of beach fill near Station 63+08 Range 3+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The south containment dike extended between Station 41+00 and Station 53+40 along the southern extent of the dune crest and had a crest elevation of approximately 7 feet NAVD. Near Station 53+40 the south containment dike was located approximately 100 feet south of the southern extent of the dune crest and extended to Station 60+00. The north containment dike extended along the project baseline between Station 46+00 and Station 63+08 and had a crest elevation of approximately 8 feet NAVD. A center containment dike extended along Range 0+50 between Station 41+00 and Station 63+08 and had a crest elevation of approximately 8 feet NAVD.

3. Three bulldozers maintained the north, center, and south containment dikes near Station 42+00 and near Station 47+00.

4. The location of the installed settlement plate along Station 116+32 was confirmed with a handheld differential GPS unit. The accuracy of the GPS unit was approximately 15 feet and the settlement plates were located within this range.

5. Sand sample CH035 was taken near Station 42+00 Range 1+25 (N 29.31155° W89.77183°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the north outfall was taken at 14:50 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. The discharge sample suggested that the percentage of sand in the discharge was similar to that observed on 8/19.

7. Item #2, result of surveillance, in the 8/19 WMI Daily Quality Control Report (DQCR) does not specifically state what dredging operations were performed. Item #2 in the WMI DQCR states that the dredge continues beach fill operations / marsh fill / stripping. The 8/19 WMI Daily Dredge Report (DDR) states that beach fill operations were conducted.

8. On 8/19 the Tom James cutterhead excavated below the permitted cut depth for less than 3 minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.7 feet and a maximum of 3.8 feet below the permitted cut depth.

DATE: August 20, 2006 OBSERVATION REPORT NO: 148

9. The acceptance survey data collected on 8/19 was inspected for specification compliance. Specifically the data point spacing was inspected to determine whether the performed survey complied with Technical Provision 35.2 which states that "Data points shall be taken at a spacing of not more than 20 feet." The data analysis indicated that acceptance surveys conducted along Station 21+00, Station 22+00, Station 23+00, Station 24+36, Station 25+00, Station 26+00, Station 27+00, Station 28+00, and Station 29+20 complied with the requirements stated in Technical Provision 35.2.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the recently placed beach fill. Paul stated that advance was made during high tide, but during low tide the material is not stacking. Paul said that creating cells, enclosures with drain pipe installed at an elevation of 6 feet NAVD, would help the fill stack. Paul said that this methodology can not be used since additional silts would be introduced to the fill and the placed fill is already nearing the maximum silt level of fifteen percent (15%).

2. I spoke with Nate Johnson (WMI) about the day's survey activities. Nate stated that the WMI survey crew checked beach grade stakes near the fill area and performed bird patrols.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 46+00 Range 0+10.

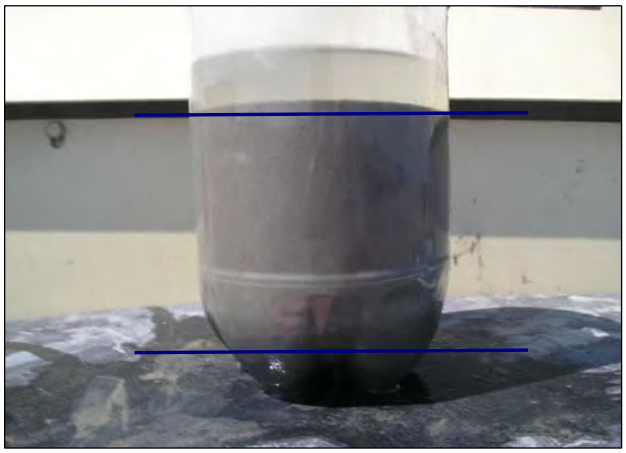
South outfall near Station 41+00 Range 1+15.

Settlement plate near Station 116+32 Range 1+50.

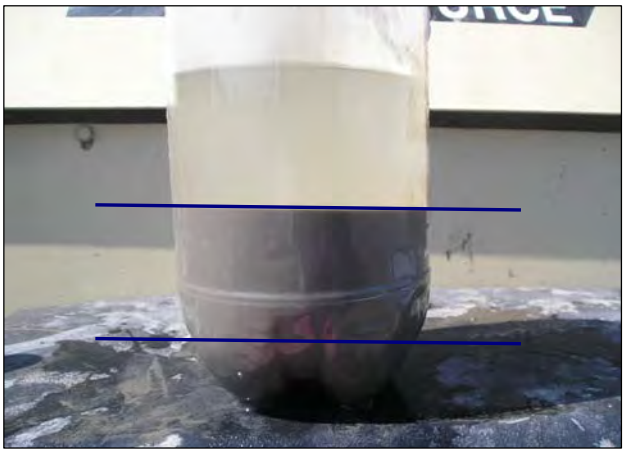
Gulf of Mexico wave conditions near Station 41+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

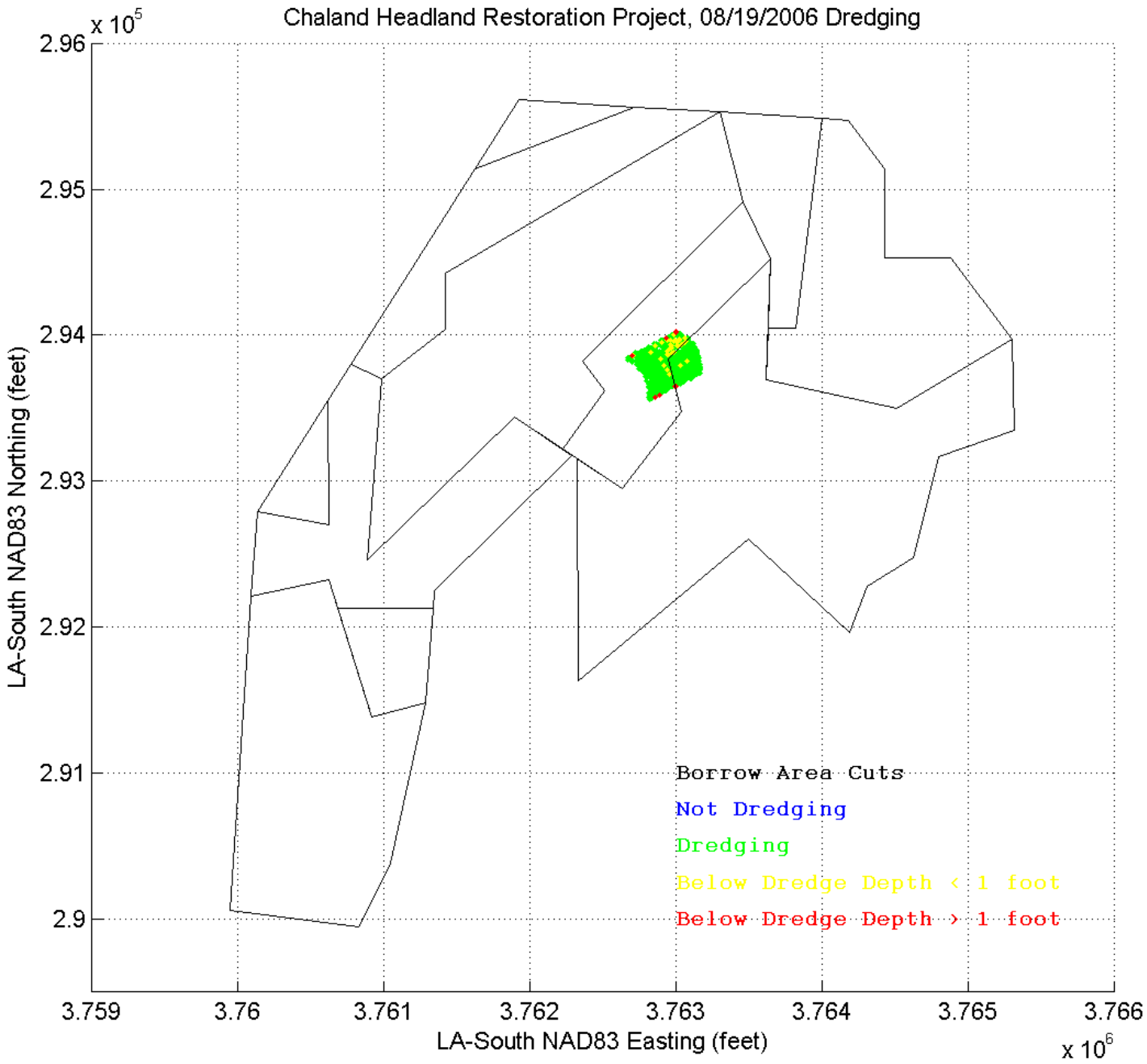
DATE: August 20, 2006 OBSERVATION REPORT NO: 148



Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 08/19/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 21, 2006 | OBSERVATION REPORT NO: 149
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 279
ARRIVAL TIME: 12:30 DEPARTURE TIME: 17:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: E 5-10 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 46+00
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: Station 45+25
NORTH CONTAINMENT DIKE LOCATION: Station 63+08
SOUTH CONTAINMENT DIKE LOCATION: Station 64+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 66+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Vague survey description.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH036, Sta. 46+00 Ra. 1+30 (N 29.31135° W 89.77060°), 13:58		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	Yes	Observation #9

Measurement 1: Station 8+00 - Measured Width: 215', Template Width: 20'
Measurement 2: Station 9+00 - Measured Width: 222', Template Width: 54'
Measurement 3: Station 9+84 - Measured Width: 239', Template Width: 83'
Measurement 4: Station 11+00 - Measured Width: 283', Template Width: 122'

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 21, 2006 OBSERVATION REPORT NO: 149

	Measurement 5: Station 12+00 - Measured Width: 266', Template Width: 156'		
	Measurement 6: Station 13+00 - Measured Width: 257', Template Width: 190'		
	Measurement 7: Station 14+00 - Measured Width: 249', Template Width: 224'		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	Yes	
	Location: Between Station 7+42 and Station 38+88.		Observation #3
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 45+25 Range 0+80 and pointed east. The slurry from the south outfall flowed east along the south containment dike and entered the Gulf of Mexico near Station 64+00 Range 3+00. The north outfall was located near Station 46+00 Range 0+10 and pointed east. The slurry from the north outfall flowed east between the north and south containment dikes to the extent of beach fill near Station 64+00 Range 3+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The south containment dike extended between Station 45+25 and Station 53+40 along the southern extent of the dune crest and had a crest elevation of approximately 7 feet NAVD. Near Station 53+40 the south containment dike was located approximately 100 feet south of the southern extent of the dune crest and extended to Station 64+00. The north containment dike extended along the project baseline between Station 46+00 and Station 63+08 and had a crest elevation of approximately 8 feet NAVD.

3. WMI conducted acceptance surveys along Station 9+00, Station 8+00, and Station 7+42. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Matt Babineaux (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. See discussion item #1.

4. Two bulldozers maintained the south containment dike near Station 53+40.

5. Sand sample CH036 was taken near Station 46+00 Range 1+30 (N 29.31135° W89.77060°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the north outfall was taken at 13:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 2 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 900 mL level, and the silt/sand interface was below the 100 mL level. After settling for 2 hours the water/air interface was near the 1000 mL level, the water/silt interface was near the 700 mL level, and the silt/sand interface was near the 100 mL level.

DATE: August 21, 2006 OBSERVATION REPORT NO: 149

7. Item #2, result of surveillance, in the 8/20 WMI Daily Quality Control Report (DQCR) does not specifically state what dredging operations were performed. Item #2 in the WMI DQCR states that the dredge continues beach fill operations / marsh fill / stripping. The 8/20 WMI Daily Dredge Report (DDR) states that beach fill operations were conducted.

8. On 8/20 the Tom James cutterhead excavated below the permitted cut depth on several occasions. Between 3:17 and 3:27 the Tom James cutterhead excavated an average of approximately 1.4 feet and a maximum of 4.5 feet below the new permitted cut depth which is approximately 6.4 feet and a maximum of 9.5 feet below the origionally permitted cut depth. Excluding this noted period, the Tom James cutterhead excavated an average of approximately 0.5 feet and a maximum of 1.9 feet below the new permitted cut depth, which is approximately 5.5 feet and a maximum of 6.9 feet below the origionally permitted cut depth, for less than 2 minutes on several occasions.

9. Approximate berm crest measurements were taken between Station 8+00 and Station 14+00. These measurements are representative of an approximate berm crest width. The measurements were taken between the crest of the northern slope of the dune and the crest of the southern slope of the dune. The northern and southern extents of the berm crest and its elevation are not representative of the project design conditions; however, the Government's response to RFI #11, dated 8/14, waives the requirement that each fill section be filled to at least 95% of the template volume and minimum tolerance (Technical Provision 8.6 and Technical Provision 20.5) in order to avoid additional fill being placed in Pass La Mer.

10. Gary Johnson (WMI) arrived on the project site around 10:30. Prior to Gary's arrival no superintendent was observed on the project site as Paul Stewart (WMI) left in the morning when the Bayou Princess returned to Grand Isle to pick-up Gary and the observer from Fenstermaker & Associates.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nate Johnson (WMI) about the acceptance surveys completed today. Nate stated that WMI conducted acceptance surveys with a rod on the beach between Station 20+00 and Station 7+84. Nate said that WMI also conducted hydrographic acceptance surveys of the beach fill between Station 5+00 and Station 38+88 to extend the surveys 250 feet seaward of the southern toe. Nate stated that the WMI survey vessel took surveys as close to shore as possible. Nate stated that if the required 50-foot overlap has not been achieved the survey crew will extend the rod surveys further seaward where necessary. Nate stated that he would provide the hydrographic survey data tomorrow.

2. I spoke with Gary Johnson (WMI) about borrow area survey data. Gary stated that he obtains a figure showing dredged areas and the areas remaining to be dredged weekly. Gary said that this figure is used to compute the available volume of fill remaining. Gary stated that he can provide this figure.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 46+00 Range 0+10.

South outfall near Station 45+25 Range 0+80.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

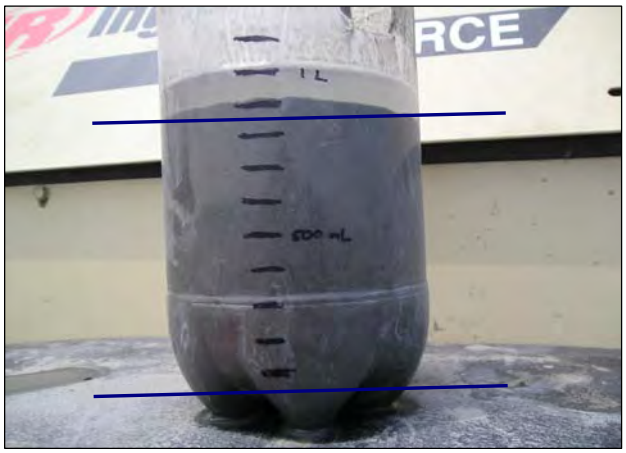
DATE: August 21, 2006 OBSERVATION REPORT NO: 149

WMI conducting an acceptance survey along Station 9+00.

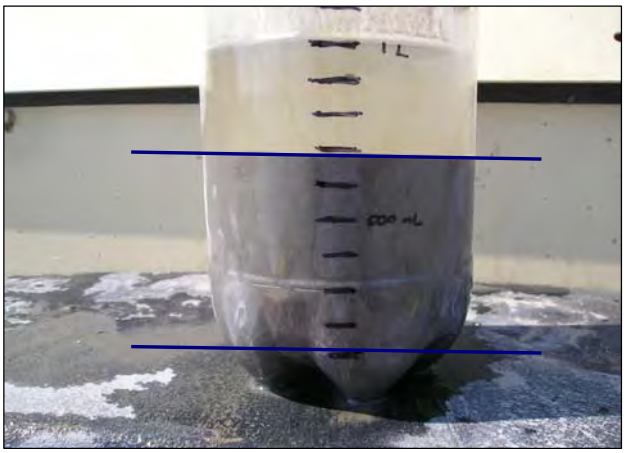
WMI conducting an acceptance survey along Station 8+00.

WMI conducting an acceptance survey along Station 7+42.

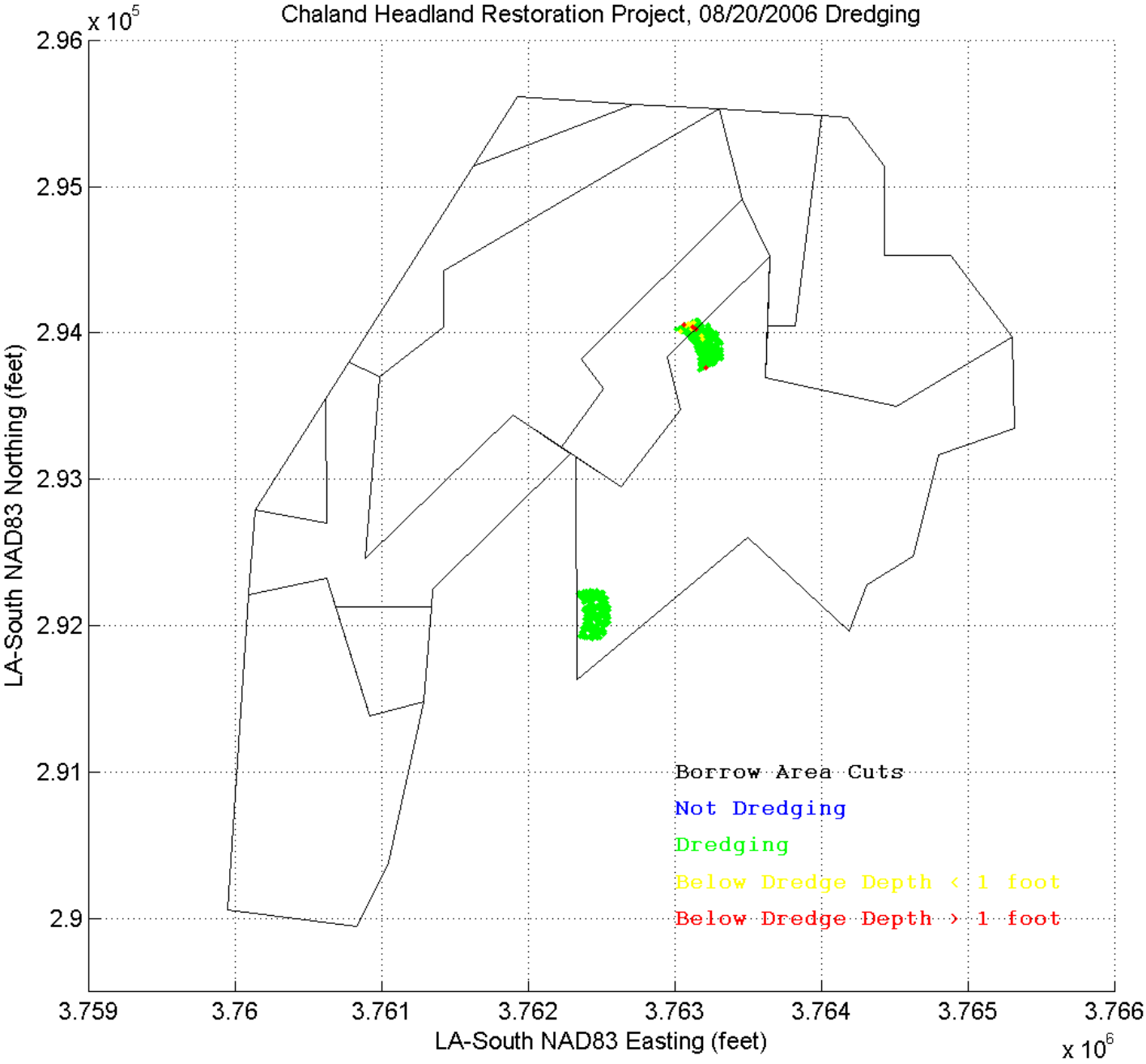
Bulldozers maintaining the south containment dike near Station 53+40.



Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



Discharge sample after settling for 2 hours. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 08/20/2006 Dredging
x 10^5
2.96
2.95
2.94
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LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 22, 2006 | OBSERVATION REPORT NO: 150
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 280
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:00
12:30 | 15:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 48+56
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 49+00
NORTH CONTAINMENT DIKE LOCATION:	Station 63+08
SOUTH CONTAINMENT DIKE LOCATION:	Station 66+00
OTHER CONTAINMENT DIKE LOCATION:	Station 63+08
BEACH FILL AREA EXTENT LOCATION:	Station 67+91
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH037, Sta. 48+00 Ra. 0+00 (N 29.31168° W 89.76993°), 11:25		Observation #6
20.	Has a discharge sample been collected?	Yes	Observation #7
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 22, 2006 OBSERVATION REPORT NO: 150

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Station 31+26	Yes	Observation #3
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Marsh acceptance survey between Station 5+00 and Station 38+88.	Yes	Observation #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 49+00 Range 0+75 and pointed east. The slurry from the south outfall flowed east between the south and center containment dikes and entered the Gulf of Mexico near Station 66+00 Range 3+00. The north outfall was located near Station 48+56 Range -0+25 and pointed east. The slurry from the north outfall flowed east between the north and center containment dikes to the extent of beach fill near Station 67+91 Range 3+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The south containment dike extended along the southern extent of the dune crest between Station 49+00 and Station 53+40 and had a crest elevation of approximately 7 feet NAVD. Near Station 53+40 the south containment dike was located approximately 100 feet south of the southern extent of the dune crest and extended to Station 66+00. The north containment dike extended along the northern extent of the dune crest between Station 48+56 and Station 63+08 and had a crest elevation of approximately 8 feet NAVD. The center containment dike extended along the project baseline between Station 48+56 and Station 63+08 and had a crest elevation of approximately 6 feet NAVD.

3. WMI conducted marsh acceptance surveys along Station 14+68, Station 12+26, and Station 9+84 and a beach acceptance survey along Station 31+26. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Matt Babineaux (CHF). See discussion item #2.

4. The drain pipes below the equipment access road near Station 77+60 Range -3+00 were blocked to prevent the flow of additional silts into the beach fill template near this location.

5. Two bulldozers advanced the south outfall east to Station 49+00.

6. Sand sample CH037 was taken near Station 48+00 Range 0+00 (N 29.31168° W89.76993°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

7. A sample of the discharge from the north outfall was taken at 11:00 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 2 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 900 mL level, and the silt/sand interface was below the 150 mL level. After settling for 2 hours the water/air interface was near the 1000 mL level, the water/silt interface was near the 600 mL level, and the silt/sand interface was near the 200 mL level.

DATE: August 22, 2006 OBSERVATION REPORT NO: 150

8. On 8/21 the Tom James cutterhead excavated approximately 5 feet outside the horizontal limits of the borrow area eight times. Excluding these occasions the Tom James cutterhead excavated below the new permitted cut depth twice. The Tom James cutterhead excavated approximately 0.5 feet and a maximum of 0.8 feet below the new permitted cut depth, which is approximately 5.5 feet and a maximum of 5.8 feet below the originally permitted cut depth, for less than 1 minute on two occasions.

9. The acceptance survey data collected on 8/21 was inspected for specification compliance. Specifically the data point spacing was inspected to determine whether the performed survey complied with Technical Provision 35.2 which states that "Data points shall be taken at a spacing of not more than 20 feet." The data analysis indicated that acceptance surveys conducted along Station 9+00, Station 9+84, Station 13+00, Station 14+00, Station 14+68, Station 17+00, Station 18+00, Station 19+00, and Station 19+52 complied with the requirements stated in Technical Provision 35.2. The data analysis indicated that acceptance surveys conducted along Station 8+00, Station 11+00, and Station 16+00 did not comply with Technical Provision 35.2. One percent (1%) of the data points collected along Station 8+00 had a spacing greater than 20 feet with a maximum spacing of 21.7 feet, one percent (1%) of the data points collected along Station 11+00 had a spacing greater than 20 feet with a maximum spacing of 20.2 feet, and one percent (1%) of the data points collected along Station 16+00 had a spacing greater than 20 feet with a maximum spacing of 20.4 feet.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about recent borrow area survey data to perform a volumetric analysis. Gary stated that WMI can supply the survey data and then proceeded to connect me with Chad Bragg (WMI). Chad informed me that sidecast material will be present in the borrow area survey results and will make the volume of material within the borrow area appear greater than what is actually available. I gave Chad Gordon Thomson's (CPE) contact information to follow-up with the data submission details.

2. I spoke with Nate Johnson (WMI) about the beach and marsh acceptance surveys. Nate stated that the marsh was surveyed between Station 5+00 and Station 38+88. Nate said that the beach was surveyed along Station 31+26. Nate stated that has still not received the bathymetric surveys conducted between Station 5+00 and Station 38+88 from the Tom James survey crew.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 48+56 Range -0+25.

South outfall near Station 49+00 Range 0+75.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

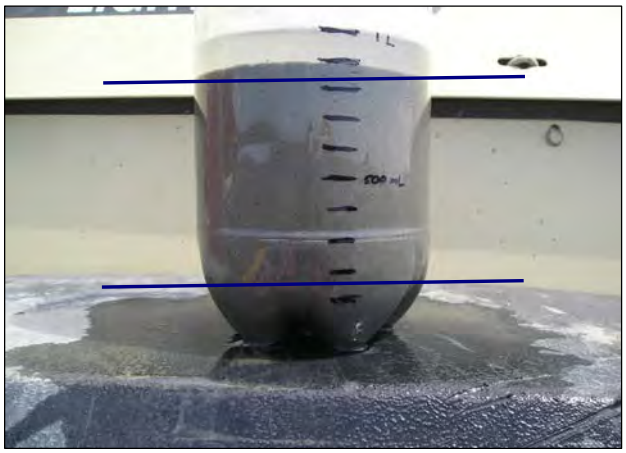
DATE: August 22, 2006 OBSERVATION REPORT NO: 150

WMI conducting an acceptance survey along Station 9+00.

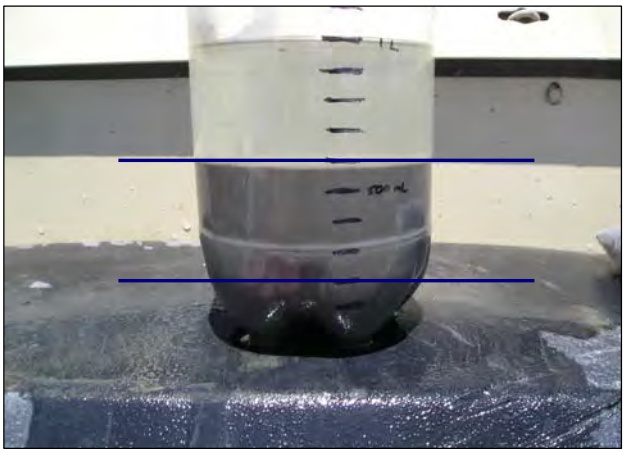
WMI conducting an acceptance survey along Station 8+00.

WMI conducting an acceptance survey along Station 7+42.

Bulldozers maintaining the south containment dike near Station 53+40.



Discharge sample after settling for 15 minutes. The blue lines are used to show sand, silt, and water interfaces.



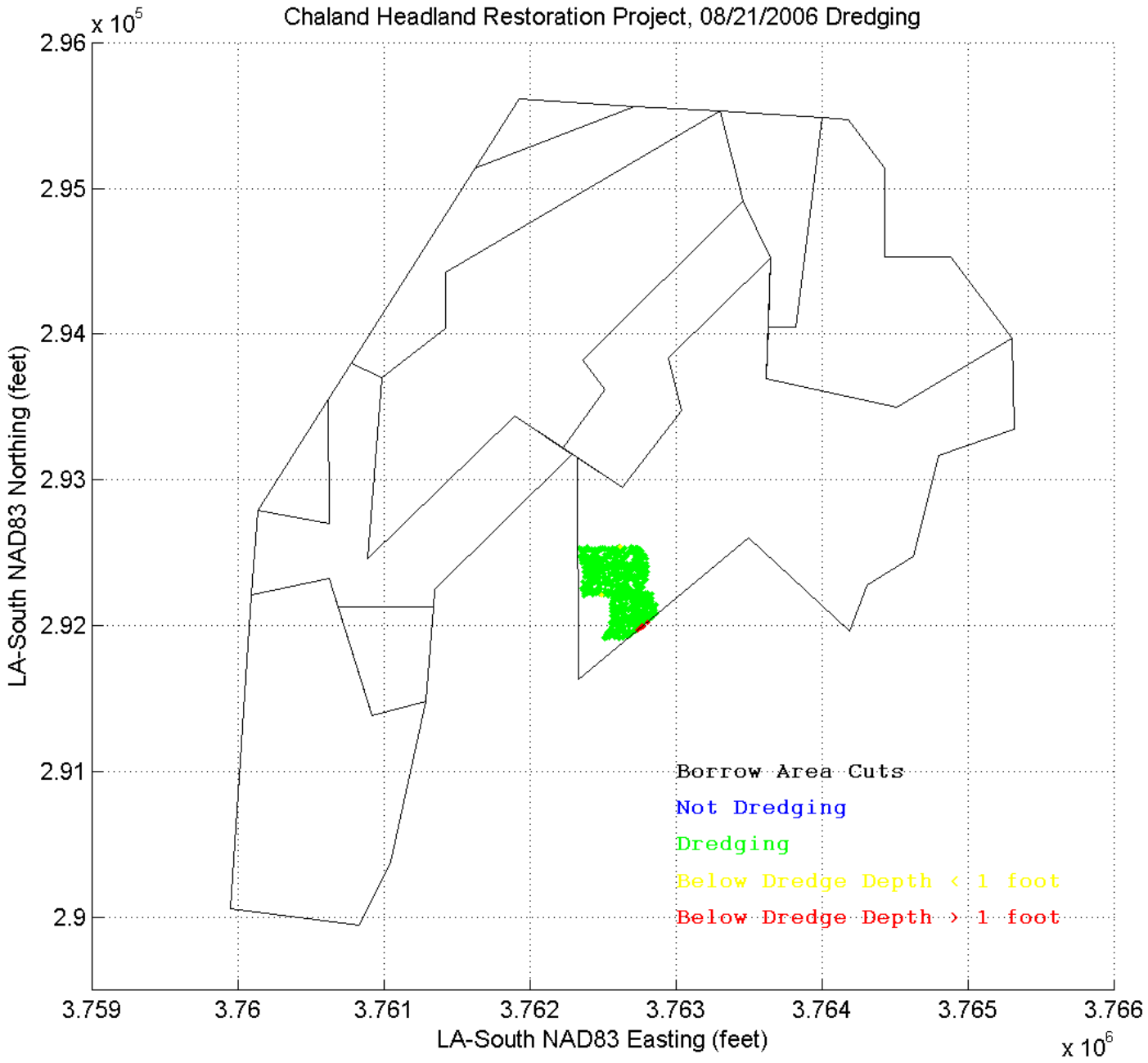
Discharge sample after settling for 2 hours. The blue lines are used to show sand, silt, and water interfaces.

DATE: August 22, 2006 OBSERVATION REPORT NO: 150

Blocked drain pipes near Station 77+60 Range -3+00.

Bulldozer advancing the south outfall east.

Gulf of Mexico wave conditions near Station 49+00.


Chaland Headland Restoration Project, 08/21/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 23, 2006 | OBSERVATION REPORT NO: 151
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 281

ARRIVAL TIME:	11:00	DEPARTURE TIME:	13:30
	17:45		19:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	SE 0-5 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 50+00
CENTER OUTFALL LOCATION:	Station 49+75
SOUTH OUTFALL LOCATION:	Station 50+00
NORTH CONTAINMENT DIKE LOCATION:	Station 63+08
SOUTH CONTAINMENT DIKE LOCATION:	Station 75+00
OTHER CONTAINMENT DIKE LOCATION:	Station 63+08
BEACH FILL AREA EXTENT LOCATION:	Station 75+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Outfall station inconsistency.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 23, 2006 OBSERVATION REPORT NO: 151

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Marsh acceptance survey of Station 21+94.	Yes	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 50+00 Range 1+00 and pointed east. The center outfall was located near Station 49+75 Range 0+00 and pointed east. The north outfall was located near Station 50+00 Range -1+00 and pointed east. The slurry from the north, center, and south outfalls flowed east between the north and south containment dikes to the extent of beach fill near Station 75+00 Range 3+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The south containment dike extended along the southern extent of the dune crest between Station 50+00 and Station 53+40 and had a crest elevation of approximately 7 feet NAVD. Near Station 53+40 the south containment dike was located approximately 100 feet south of the southern extent of the dune crest and extended to Station 75+00 Range 3+00. The north containment dike extended along the northern extent of the dune crest between Station 48+56 and Station 63+08 and had a crest elevation of approximately 8 feet NAVD.

3. Rachel Sweeney (NOAA), Paul Murphy (Tribune Television), Patrick Thomas (Tribune Television), and Mark Sickles (WMI) arrived on site at 10:00. Rachel, Paul, Patrick, Mark, Gary Johnson (WMI), and I performed a site visit between 11:00 and 13:30. During the site visit the project purpose, plans, and evolution were discussed.

4. Flexible PVC pipe was observed south of the primary dike between Station 53+40 and Station 60+00. See discussion item #1.

5. Three bulldozers maintained the south containment dike between Station 67+91 and Station 75+00.

6. Outfall location inconsistencies were observed in the 8/22 WMI Daily Dredge Report (DDR). The WMI DDR states that the outfall end location was near Station 0+50 with an advance during the day of 4647 feet. The WMI DDR states that the outfall started near Station 46+97 and typical daily advance of the outfall is on the order of 100s of feet.

7. On 8/22 the Tom James cutterhead excavated approximately 5 feet outside the horizontal limits of the borrow area 8 times.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the PVC pipe observed south of the primary dike. Gary stated that this pipe floats better on the marsh fill and will be used to fill the northern section of the marsh.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 23, 2006 OBSERVATION REPORT NO: 151

2. I spoke with Nate Johnson (WMI) about the day's survey activities. Nate stated that WMI missed surveying Station 21+94 in the marsh yesterday and completed this line today. Nate submitted the marsh survey data taken yesterday and today.

3. I spoke with Maury Chatellier (DNR) about a site visit tomorrow. Maury stated that two Japanese reporters will visit the site tomorrow around 10:00. Maury stated that they will be arriving via a sea plane. I informed Maury that when Greg Grandy (DNR) visited the site he had the sea plane land in Robinson Canal. I informed Gary Johnson (WMI) about the upcoming site visit.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

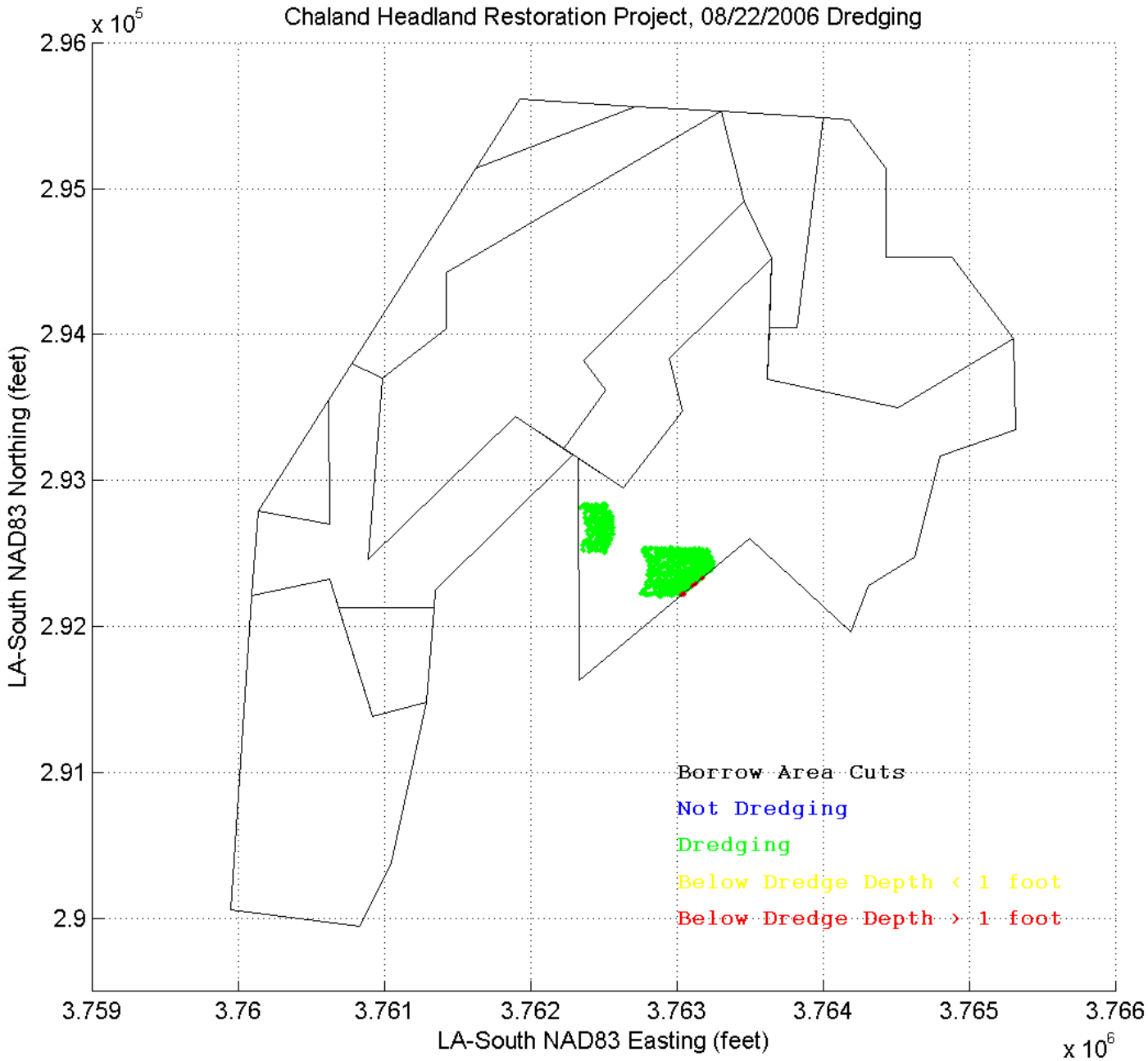
1. No.

North outfall near Station 50+00 Range -1+00.

Center outfall near Station 49+75 Range 0+00.

South outfall near Station 50+00 Range 1+00.

Bulldozers maintaining the south containment dike.


Chaland Headland Restoration Project, 08/22/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 24, 2006 | OBSERVATION REPORT NO: 152
OBSERVER: Catherine Moran | CONTRACT DAY: 282
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 11:00
15:45 | 17:00

WEATHER CONDITIONS: Partly Cloudy (am); Cloudy (pm)
WAVE HEIGHT AND DIRECTION: S 0'-1' (am); S 1'-2' (pm)
WIND SPEED AND DIRECTION: SSW 0-5 mph (am); WSW 5 - 10 mph (pm)
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 51+60
CENTER OUTFALL LOCATION: Station 51+10
SOUTH OUTFALL LOCATION: Station 51+10
NORTH CONTAINMENT DIKE LOCATION: Station 63+10
SOUTH CONTAINMENT DIKE LOCATION: Station 72+50
OTHER CONTAINMENT DIKE LOCATION: Station 65+00
BEACH FILL AREA EXTENT LOCATION: Station 75+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: marsh buggies operating, installing pvc pipe — Observation #4
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes
    Type: Beach Fill
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — Yes
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — Yes
    Location: CH038, Sta. 51+00 Ra. -1+00 (N 29.31182° W 89.76897°), 4:15pm
20. Has a discharge sample been collected? — Yes
21. Does the material appear to meet technical requirements? — Yes
22. Were the constructed berms measured? — No
    Measurement:
23. Are escarpments being leveled? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 24, 2006 OBSERVATION REPORT NO: 152

24.	Are grading and dressing operations of completed fill sections being conducted? Location: South side of pipe, Sta. 47+00 to 48+00	Yes
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Jason Manthey (NOAA), Brian Kendrick (Kendrick Engineering), Barry Richard (LADNR), Andrew Wycklendt (CPE), and Gordon Thomson (CPE) were on site for the morning visit.

2. During the afternoon visit a dozer was working on the eastern most side of the center containment dike, but the dike was not consistent from the pipe discharge to the eastern end. One dozer was fueling up during the afternoon visit, while one was fixing the oil filter, then both started working on the containment dikes by the end of the visit. A third dozer was grading the beach south of the pipeline between station 47+00 and 48+00. One dozer is being fixed by the boat landing.

3. The 8/23 WMI QC report stated that 2 marsh buggies were operating on 8/23, installing 30' of pvc pipe for marsh fill. This exact statement was on the 8/22 WMI QC report as well.

4. On 8/23 the Tom James cutterhead was within the borrow area limits the entire time of operation.

5. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 51+10 Range 0+75 and pointed east. The center outfall was located near Station 51+10 Range 0+25 and pointed east. The north outfall was located near Station 51+60 Range -1+25 and pointed east. The slurry from the north, center, and south outfalls flowed east between the north and south containment dikes to the extent of beach fill near Station 75+00 Range 0+75 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Jason, Brian, Barry, and Gordon discussed the elevation and consistency of the marsh. They noted that the marsh appears to be above the tolerance elevation and is considerably more sandy than expected. The group was able to walk across the marsh to the primary dike at Sta 38+88 and Sta 9+42.

2. Gary Johnson (WMI) stated that the dredge will switch to marsh fill operations tomorrow morning.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 24, 2006 OBSERVATION REPORT NO: 152

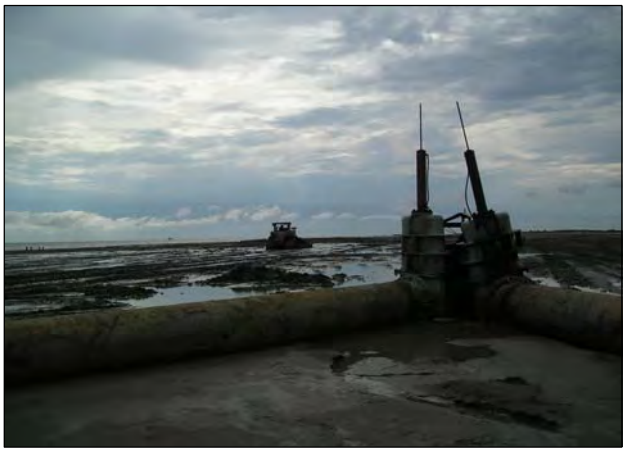
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

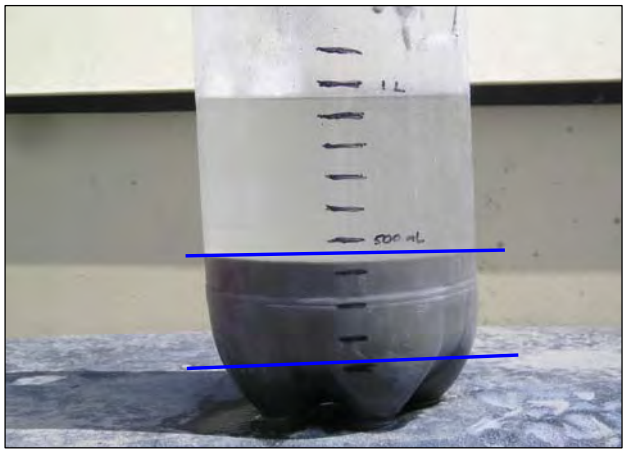
North pipe discharge near station 51+60, range -1+25.

Center pipe discharge near station 51+10, range 0+25.

South pipe discharge near station 51+10, range 0+75.

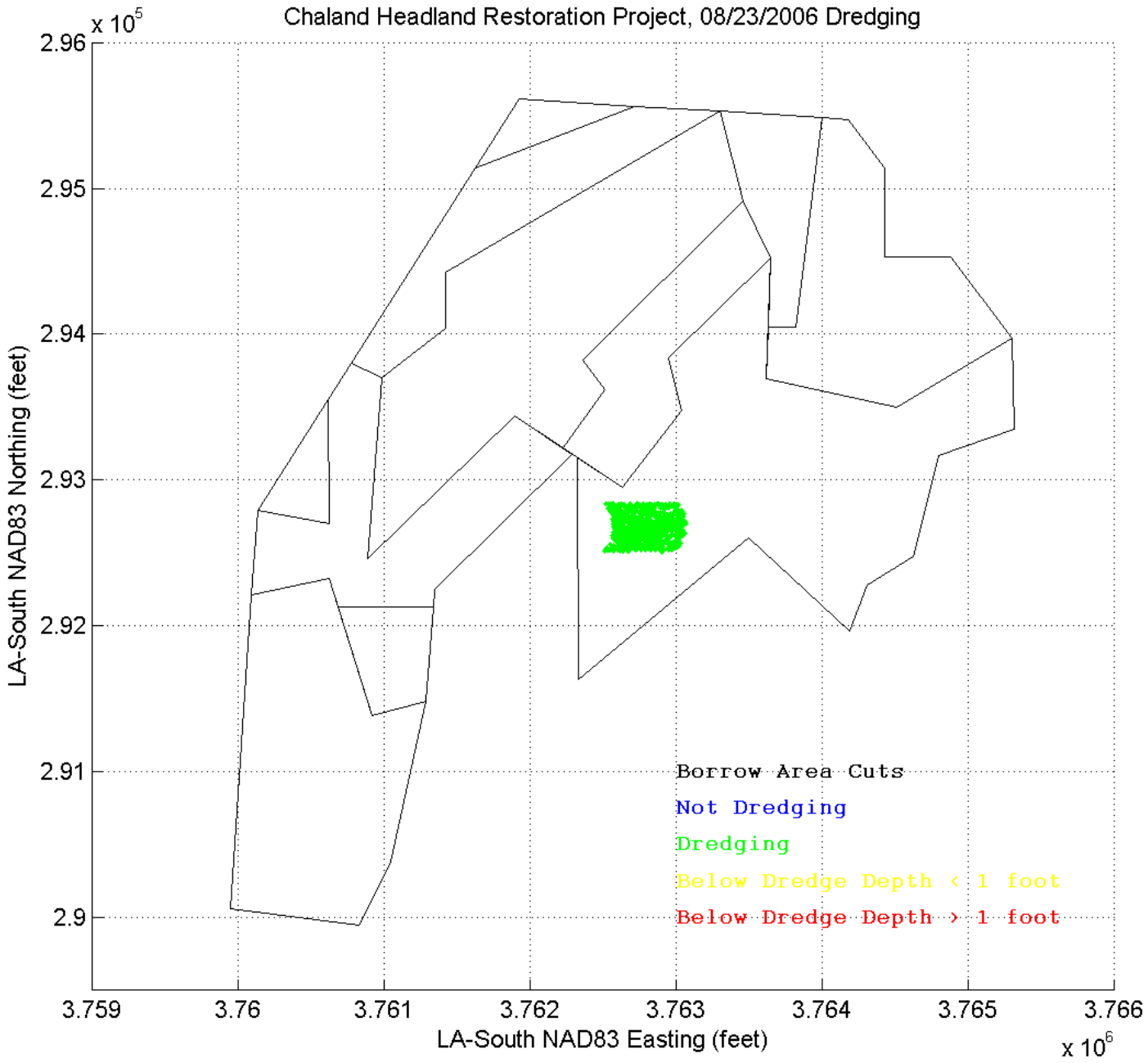


Dozer grading beach between station 47+00 and 48+00.



Discharge sample approximately 1 hr and 15 min after sample taken. The blue lines are used to show sand, silt, and water interfaces.

Wave condition at station 52+00.


Chaland Headland Restoration Project, 08/23/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 25, 2006 | OBSERVATION REPORT NO: 153
OBSERVER: Catherine Moran | CONTRACT DAY: 283
ARRIVAL TIME: 8:30 | DEPARTURE TIME: 10:00
13:25 | 14:15

WEATHER CONDITIONS: Raining and Cloudy (am); partly cloudy (pm)
WAVE HEIGHT AND DIRECTION: SSW 1'-2' (am & pm)
WIND SPEED AND DIRECTION: W 0-5 mph (am); SW 5-10 mph (pm)
TEMPERATURE: 75°-90° F

CONSTRUCTION ACTIVITY: Beach Fill and Marsh Fill
NORTH OUTFALL LOCATION: Station 52+25
CENTER OUTFALL LOCATION: Station 52+30
SOUTH OUTFALL LOCATION: Station 52+75 to Station 55+00
NORTH CONTAINMENT DIKE LOCATION: Station 65+00
SOUTH CONTAINMENT DIKE LOCATION: Station 72+50
OTHER CONTAINMENT DIKE LOCATION: Station 69+00
BEACH FILL AREA EXTENT LOCATION: Station 75+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dredge violations not noted in reports		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill and Marsh Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	Yes	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 25, 2006 OBSERVATION REPORT NO: 153

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. One marsh buggy was working on extending the north containment dike during the morning visit. Three bulldozers were working on maintaining the dike system during the mroning visit as well as adding pipe to extend the south pipeline.

2. Beach Fill pumping stopped during the afternoon visit from the south pipe and center pipe. The north pipe had already stopped pumping.

3. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The south outfall was located near Station 55+00 Range 0+75 and pointed east. The center outfall was located near Station 52+30 Range 0+00 and pointed east. The north outfall was located near Station 52+25 Range -1+25 and pointed east. The slurry from the north, center, and south outfalls flowed east between the north and south containment dikes to the extent of beach fill near Station 75+00 Range 0+75 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

4. The north pipe for beach discharge has been broken apart to approximately station 49+00, then the north pipeline was reconnected toward the north to be attached to the rubber pipeline for marsh fill.

5. The 8/24/06 WMI QC and DDR reports stated the dredge cutterhead was within the Borrow Area limits, while the data showed the borrow area limits were violated between 3:30pm and 10:56 pm. The cutterhead extended beyond the horizontal limits of the borrow area. The maximum excursion was approximately 15 feet horizontally outside of the borrow area limits.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the dredge captain expected to be pumping beach fill until midday at which time they will switch to pumping marsh. WMI expects to pump marsh fill for 2-3 days then begin stripping a new section of the borrow area.

2. Gary Johnson (WMI) stated that marsh fill pumping started at approximately 4:40 pm today.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 25, 2006 OBSERVATION REPORT NO: 153

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

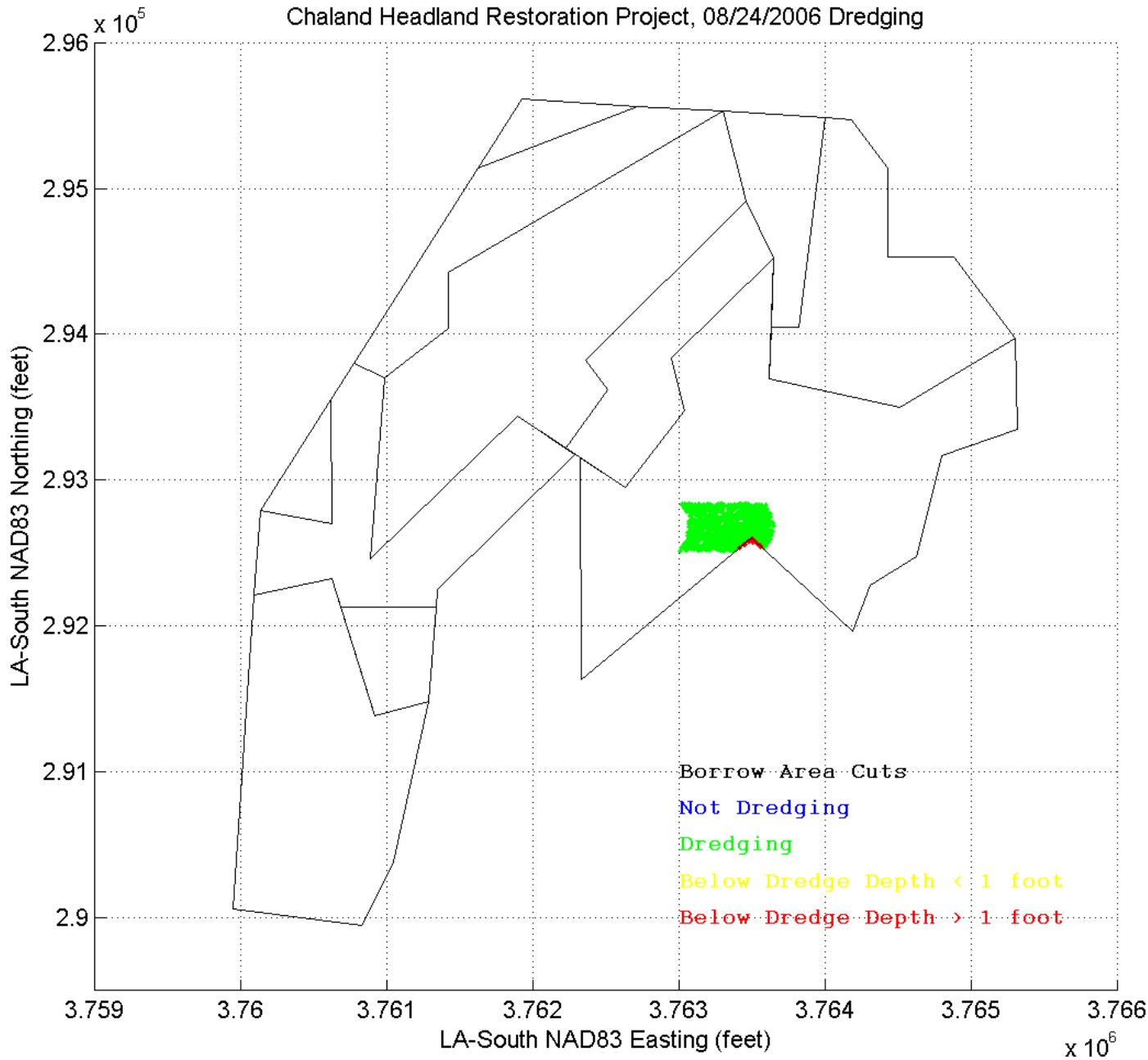
1. No.

North and Center pipe discharges near station 52+25 and 52+30.

Adding end to South pipe near station 55+00.

North pipe broken apart during afternoon visit.

Wave condition at station 73+00.


Chaland Headland Restoration Project, 08/24/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 26, 2006 | OBSERVATION REPORT NO: 154
OBSERVER: Catherine Moran | CONTRACT DAY: 284
ARRIVAL TIME: 8:15 | DEPARTURE TIME: 8:45
11:45 | 13:30

WEATHER CONDITIONS: Raining and Cloudy (am); partly cloudy (pm)
WAVE HEIGHT AND DIRECTION: SSW 1'-3' (am);S <2' (pm)
WIND SPEED AND DIRECTION: SSW 5-10 mph (am); SSW 0-5 mph (pm)
TEMPERATURE: 75°-80° F

CONSTRUCTION ACTIVITY: Marsh Fill & Beach Fill
NORTH OUTFALL LOCATION: Station 55+82
CENTER OUTFALL LOCATION: Station 54+90
SOUTH OUTFALL LOCATION: Station 55+00
NORTH CONTAINMENT DIKE LOCATION: Station 65+00
SOUTH CONTAINMENT DIKE LOCATION: Station 72+50
OTHER CONTAINMENT DIKE LOCATION: Station 69+00
BEACH FILL AREA EXTENT LOCATION: Station 75+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Total time down inconsistent in DDR and DQCR, DQCR inconsitent item #2 — Observation #4
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes
    Type: Marsh Fill and Beach Fill
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — Yes
    Location: CH039, Sta. 54+80 Ra. -0+14 (N 29.31147° W 89.76765°), 12:35
20. Has a discharge sample been collected? — No
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — No
    Measurement:
23. Are escarpments being leveled? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 26, 2006 OBSERVATION REPORT NO: 154

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	
29.	Is the discharge pipe being moved?	Yes	Discussion #2
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. There were no bulldozers or marsh buggies in operation during the morning visit.

2. The marsh fill was being pumped from station 55+82 in the east direction during the morning visit at an approximate elevation of 2.5 feet NAVD. The marsh fill is flowing to station 77+60, the approximate location of the access road.

3. Sand was not being pumped to the beach during the day time. The north pipeline extends to the rubber marsh fill pipeline and the rubber pipeline extends to station 55+82 and is pumping marsh fill east. The center pipeline extends to station 54+90, range -0+12 facing east, but was not discharging material during the daytime. The south pipeline extends to station 55+00, range 0+60, but was not discharging material during the daytime.

4. Total time lost is inconsistent in the WMI DDR report with 2.67 hours listed as total beach fill and marsh fill time lost, where 2.75 hours is listed as the down time in the leverman's log section of the DDR report. The WMI DQCR has 2.67 total lost hours. The WMI DQCR item #1 mentions both beach and marsh fill and item #2 only mentions continuation of beach fill.

5. Sand sample CH039 was taken near Station 54+80 Range -0+14 (N 29.31147° W89.76765°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the marsh fill will be pumped during the daylight hours so the operators can see how the fill is stacking up and when it starts to get dark the dredge will switch to pumping beach fill sand. Gary stated that the Tom James is stripping the overburrden for the marsh fill material and will be backing up at night fall to dredge the sand that has been uncovered during the day time.

2. Gary Johnson (WMI) stated that marsh fill was being pumped since approximately sunrise and the marsh fill pipeline had been moved once prior to the morning CPE observation.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 26, 2006 OBSERVATION REPORT NO: 154

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

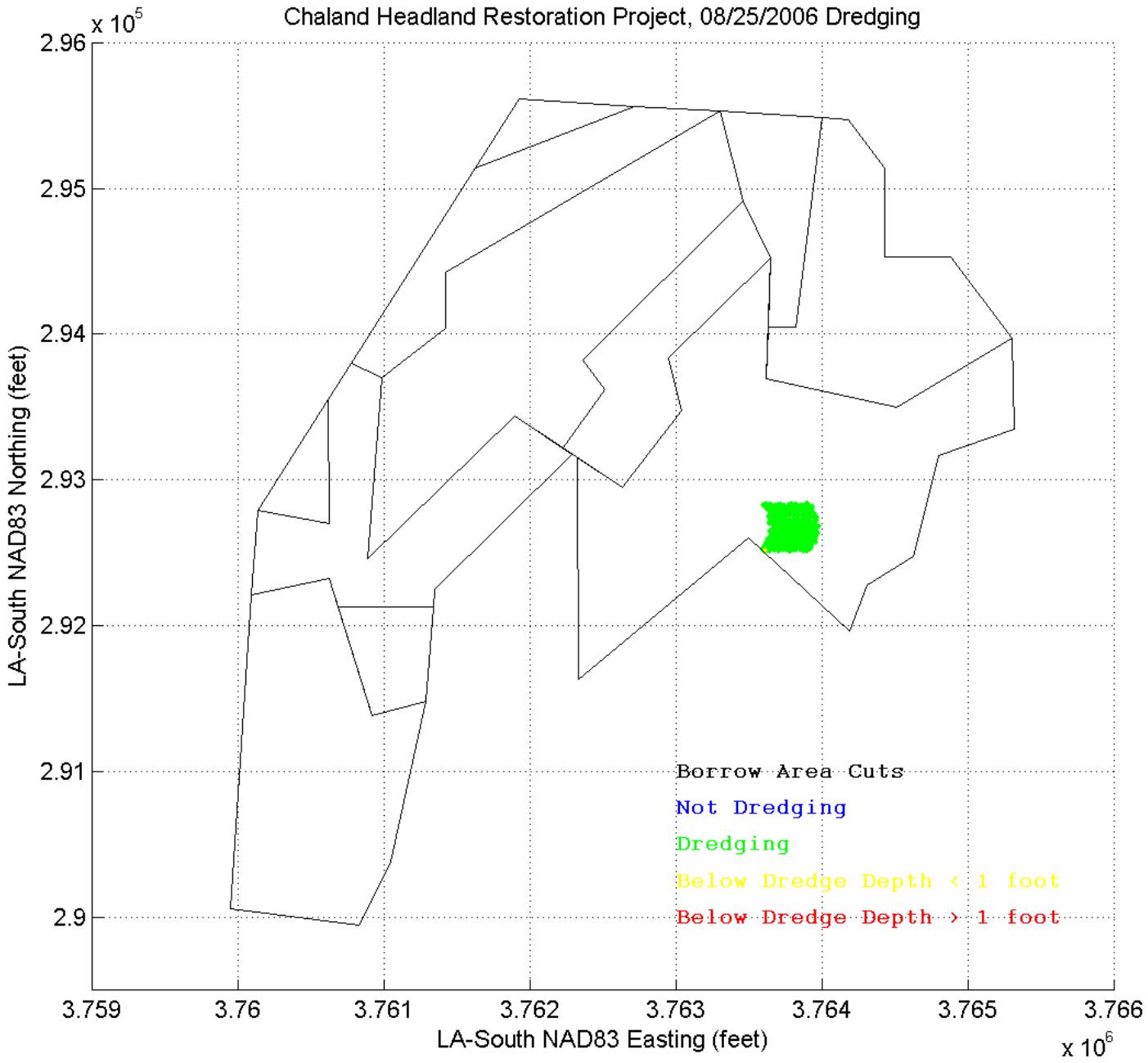
1. No.

Wave condition at station 77+60.

Marsh Fill discharge at Station 55+82.

Marsh buggies working on stabilizing pipeline.

No beach fill placed during the afternoon visit.


Chaland Headland Restoration Project, 08/25/2006 Dredging
x 10^5
2.96
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LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
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3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 27, 2006 | OBSERVATION REPORT NO: 155
OBSERVER: Catherine Moran | CONTRACT DAY: 285
ARRIVAL TIME: 8:10 DEPARTURE TIME: 9:20
12:05 13:30

WEATHER CONDITIONS: few clouds, sunny (am & pm)
WAVE HEIGHT AND DIRECTION: S 0-1' (am & pm)
WIND SPEED AND DIRECTION: E 0-5 mph (am); S 0-5 mph (pm)
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Marsh Fill & Beach Fill
NORTH OUTFALL LOCATION: Station 61+00
CENTER OUTFALL LOCATION: Station 55+40
SOUTH OUTFALL LOCATION: Station 55+85
NORTH CONTAINMENT DIKE LOCATION: Station 65+00
SOUTH CONTAINMENT DIKE LOCATION: Station 72+50
OTHER CONTAINMENT DIKE LOCATION: Station 69+00
BEACH FILL AREA EXTENT LOCATION: Station 78+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Inconsistent marsh fill station — Observation #6
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes
   Location: Station 70+00

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes
    Type: Beach Fill and Marsh Fill
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No — Observation #7

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — Yes
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — Yes
    Location: CH040, Sta. 55+00 Ra. 1+16 (N 29.31147° W 89.76765°), 8:45 am
20. Has a discharge sample been collected? — No
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — Yes
    Measurement 1: Station 36+00 - Measured Width: 260', Template Width: 280'
    Measurement 2: Station 37+00 - Measured Width: 254', Template Width: 280'
    Measurement 3: Station 38+00 - Measured Width: 282', Template Width: 280'
    Measurement 4: Station 39+00 - Measured Width: 288', Template Width: 280'

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 27, 2006 OBSERVATION REPORT NO: 155

22. (cont.)
    - Measurement 5: Station 40+00 - Measured Width: 288', Template Width: 280'
    - Measurement 6: Station 42+00 - Measured Width: 280', Template Width: 280'
    - Measurement 7: Station 44+00 - Measured Width: 276', Template Width: 280'
    - Measurement 8: Station 52+00 - Measured Width: 280', Template Width: 280'
    - Measurement 9: Station 54+00 - Measured Width: 276', Template Width: 280'
    - Measurement 10 Station 55+00 - Measured Width: 286', Template Width: 280'

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Station 50+00 to 55+00 Range -1+63 to -0+33		Observation #2
25.	Is an acceptance survey for a completed section being conducted today?	Yes	Observation #3
	Location: Hydro portion being redone for Stations 8+00 to 38+00		Discussion #1
26.	Are sand fencing operations being conducted?	N/A	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	Yes
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Beach fill was being discharged from the Center pipeline at station 55+40 range -0+33, and the south pipeline at station 55+85 range 0+42 to the east at the time of arrival for the morning observation. The beach fill placement stopped at approximately8:30 am. Marsh Fill began to discharge from the north pipeline at approximately station 62+00 at 8:45 am in the east direction.

2. The beach fill was being graded between station 48+00 and 55+00 to remove fill placed above the upper tolerance for the dune crest. The upper tolerance ribbon was not visible on the stakes marking the location of the north dune crest prior to the grading. The ribbon marking the upper tolerance allowable was not visible between the center pipeline and south pipeline (Range -0+33 to 0+42) from station 48+10 to 55+00. The upper tolerance ribbon was visible south of the south pipeline between the same ranges.

3. The survey boat was conducting the hydrographic portion of survey lines 36+00 to 38+88 during the afternoon visit. (see discussion #1)

4. A bulldozer was hooked to a cable with the other end of the cable on the north pipeline to keep the pipeline together while pumping fill to the marsh.

5. The survey crew was out staking the marsh area at station 70+00 during the morning visit and staking the beach fill area around station 69+00 to 70+00 during the afternoon visit.

6. There are inconsistencies between the WMI DDR and DQCR on the marsh fill discharge station. The DDR report the marsh fill discharge is at station 60+60, while the DQCR reports the marsh fill station is located at 60+00.

7. The dredge data reports vertical violations during the stripping/marsh fill process. The maximum violation was 4 feet below the permitted cut depth. The violations occurred at a boundary between borrow area cuts.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 27, 2006 OBSERVATION REPORT NO: 155

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the hydrographic portion of survey line 8+00 to 38+00 was being conducted today due to the insufficient data points that were gathered when the lines were first surveyed.

2. Gary Johnson (WMI) stated that profile lines that are completed, graded and dressed, by tomorrow will be surveyed tomorrow in order to gather the data for the beach fill prior to erosion that could occur if Hurricane Ernesto is in the vicinity of the project. Gary expects to survey lines 40+00 to 55+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, o noncompliance notice? If so, describe:

1. No.

Wave condition at station 53+00.

Grading between station 48+00 to 55+00 and range -1+63 to -0+33.

The bulldozer with a cable attached to hold the north/marsh pipelir together.

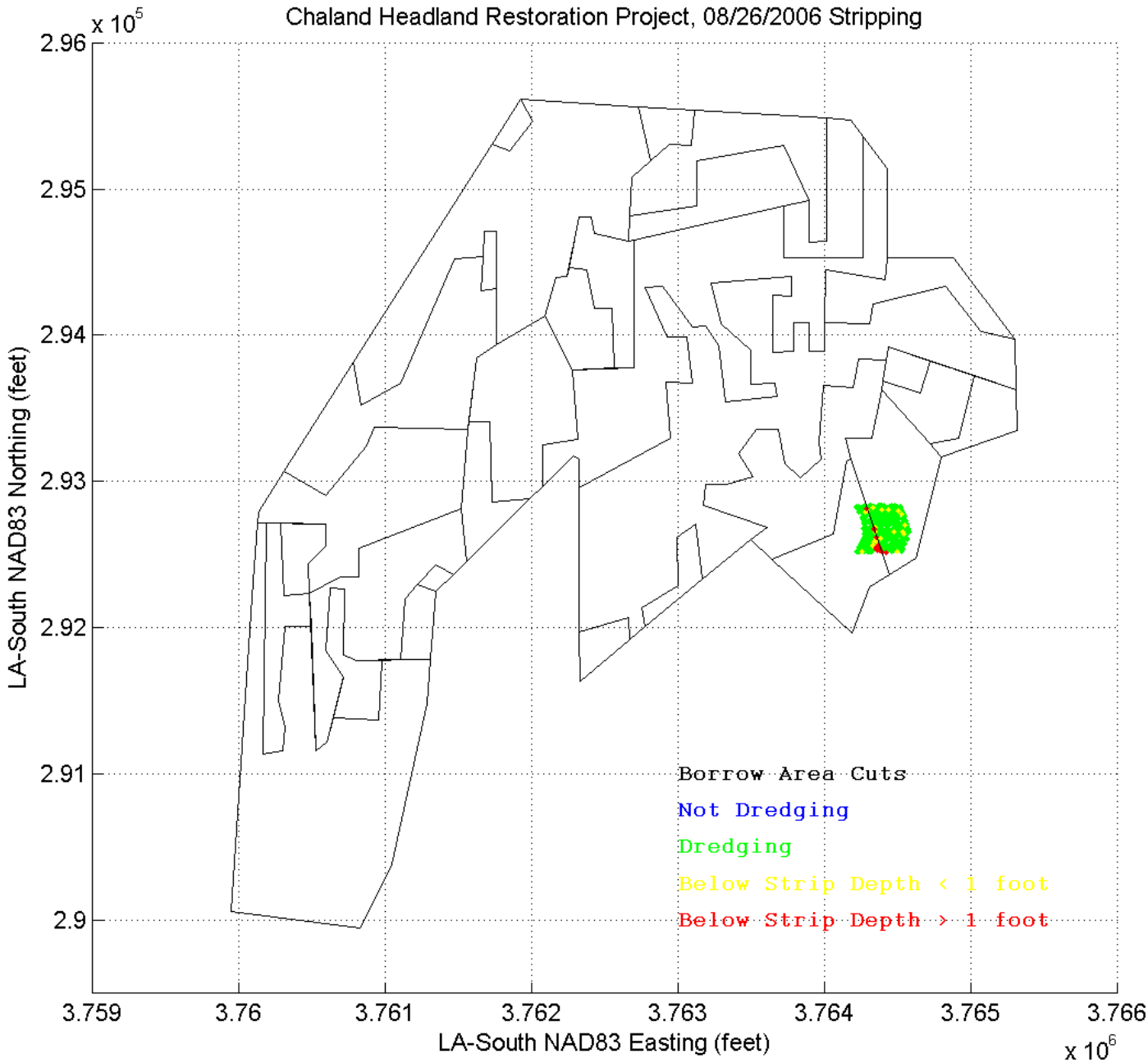
The cable attached to the bulldozer to hold the north/marsh pipelir together.

Hydrographic survey being conducted at station 38+88.

Marsh Fill being pumped from the north pipeline at station 61+00.

The survey crew staking station 70+00.

Beach fill discharging to center pipline to station 55+40 range -0+33 and south pipeline to station 55+85 range 0+33.


Chaland Headland Restoration Project, 08/26/2006 Stripping
x 10^5
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LA-South NAD83 Northing (feet)
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3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 28, 2006 | OBSERVATION REPORT NO: 156
OBSERVER: Catherine Moran | CONTRACT DAY: 286
ARRIVAL TIME: 9:00 | DEPARTURE TIME: 9:45

WEATHER CONDITIONS: few clouds, sunny (am)
WAVE HEIGHT AND DIRECTION: S 1' - 2' (am)
WIND SPEED AND DIRECTION: W 0-5 mph (am)
TEMPERATURE: 90°-95° F

CONSTRUCTION ACTIVITY: Beach Fill; Beach Grading and Dressing; Overburden Removal
NORTH OUTFALL LOCATION: Station 61+00
CENTER OUTFALL LOCATION: Station 55+40
SOUTH OUTFALL LOCATION: Station 55+85
NORTH CONTAINMENT DIKE LOCATION: Station 65+00
SOUTH CONTAINMENT DIKE LOCATION: Station 72+50
OTHER CONTAINMENT DIKE LOCATION: Station 67+50
BEACH FILL AREA EXTENT LOCATION: Station 78+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Tom James DDR missing the start and end stations for beach and marsh fill		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill and Stripping overburden		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 28, 2006 OBSERVATION REPORT NO: 156

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	N/A
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. There has been no progress in the beach fill placement. The center pipeline discharge is still located at 55+40 range -0+33. The south pipeline was still located at 55+85 range 0+42 till the bulldozer began to break it back to the Y-valve located at station 49+10 range -0+36.

2. Maintenance was being conducted on two marsh buggies during the morning visit.

3. The marsh/north pipe discharge has not moved and is still pointed east at approximately station 61+00.

4. Grading has been conducted between the south pipeline and center pipeline between station 49+50 and 55+40, and between approximate ranges -0+30 to 0+40.

5. The bulldozer that was hooked up to the north/marsh fill pipeline yesterday is no longer needed to hold the pipeline together.

6. Material was not discharged to the beach or the marsh during the morning visit. The Tom James stripped overburden material from the borrow area and sidecast the material during the day. (see Discussion #2)

7. There was an inconsistency found within the WMI Tom James daily dredge report. The DDR dated 8/27/06 did not include the start station and end station for the beach fill process that occurred that day, or the start station and end station for the marsh fill that occurred that day.

8. During overburrden removal dredging occurred outside of the borrow area limits with a maximum horizontal violation of 39 feet.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the subcontractor for surveying did not show up to conduct the surveys today, so the surveys will possibly be conducted tomorrow morning (8/29).

2. Gary Johnson (WMI) stated that beach fill placement was conducted till approximately 8:00 am and then stripping of overburrden being sidecasted back into the borrow area was conducted and will continue for 5 to 6 days.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 28, 2006 OBSERVATION REPORT NO: 156

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

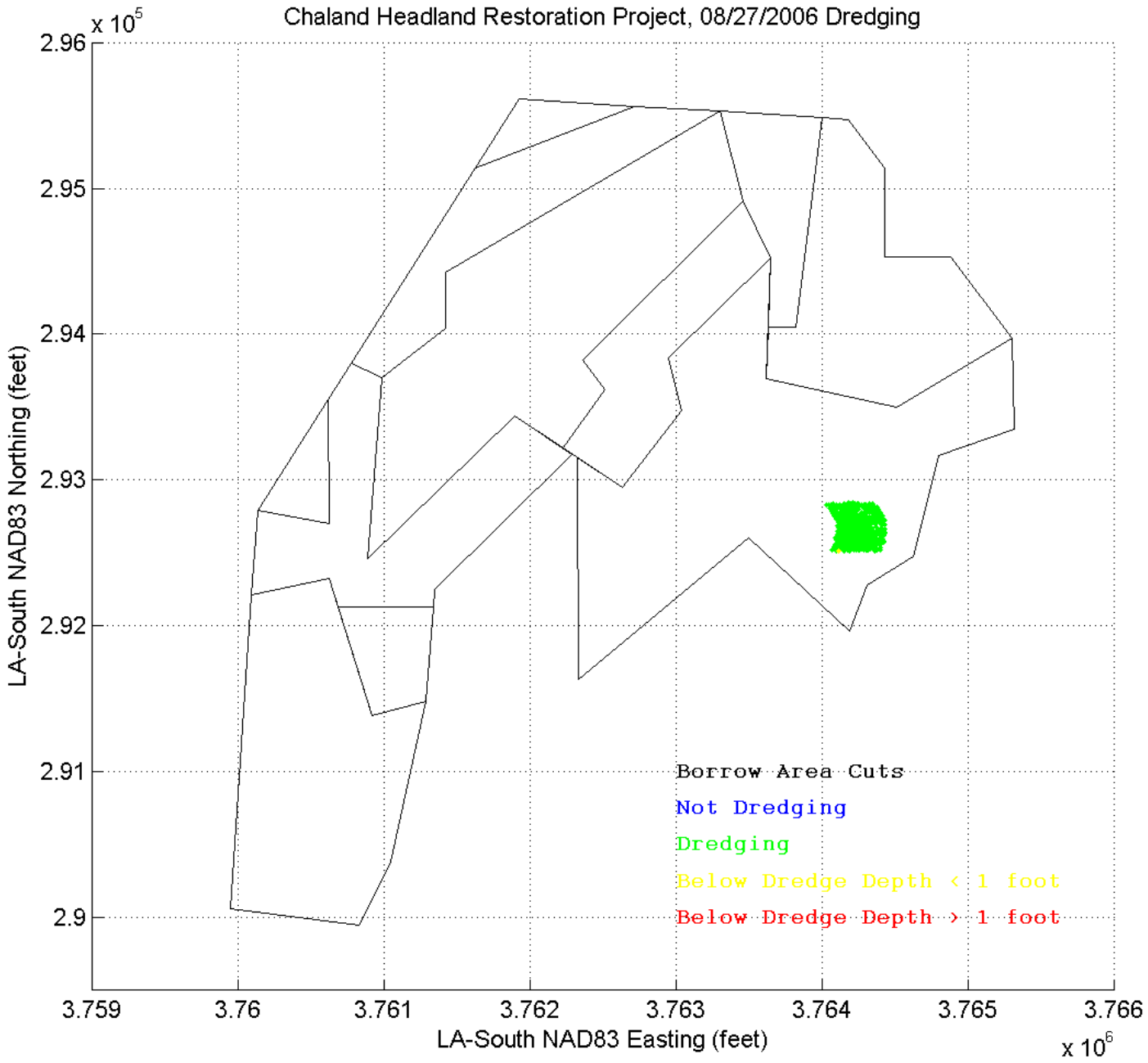
1. No.

Wave condition at station 52+00.

Break down of south beach fill pipeline.

Looking east from station 49+00 approximately range 0+00.

Looking east from station 52+00 at the south dune crest (range 1+26).


Chaland Headland Restoration Project, 08/27/2006 Dredging
x 10^5
2.96
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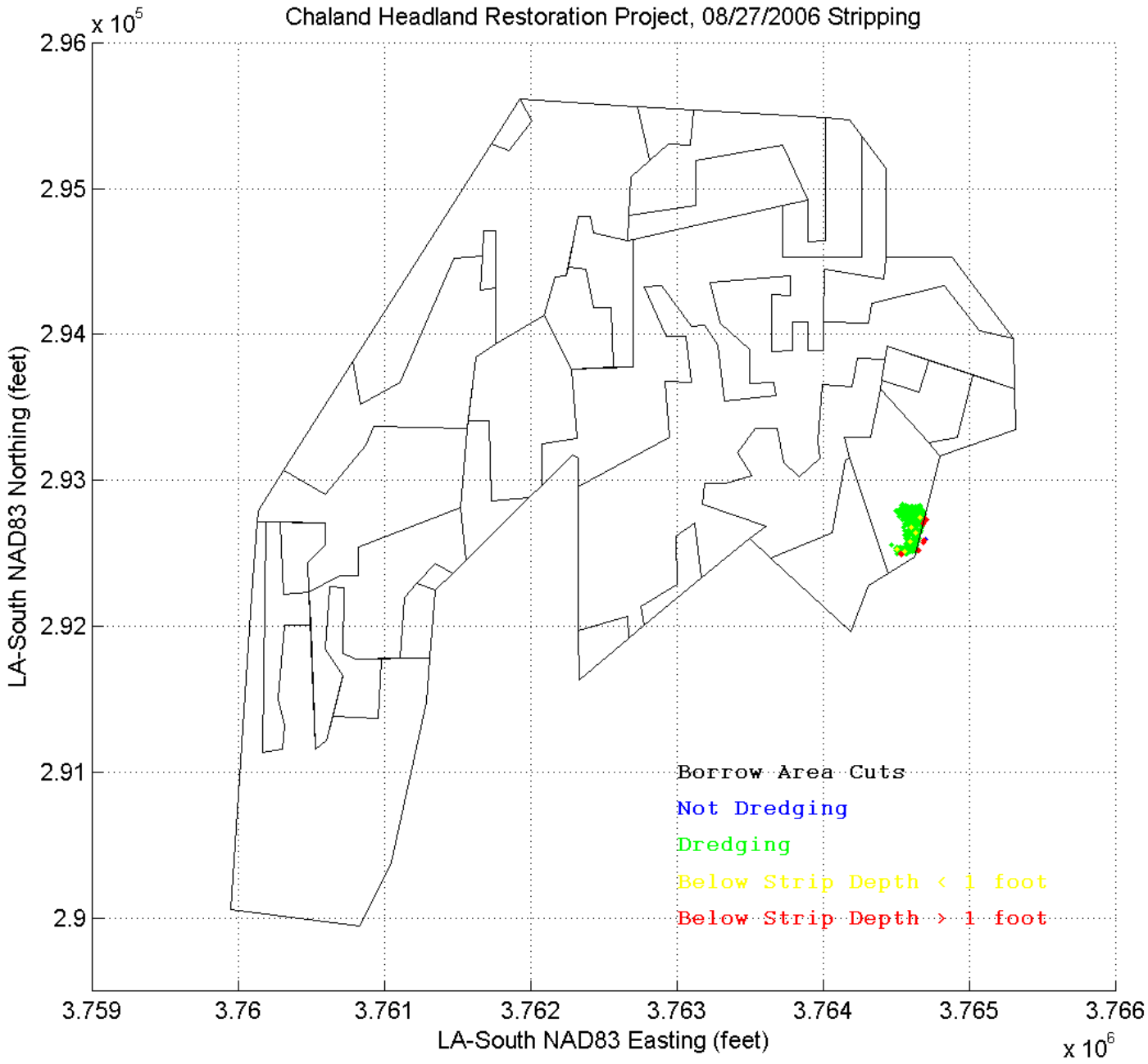
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 08/27/2006 Stripping
x 10^5
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LA-South NAD83 Northing (feet)
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LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 29, 2006 | OBSERVATION REPORT NO: 157
OBSERVER: Catherine Moran | CONTRACT DAY: 287
ARRIVAL TIME: 12:45 DEPARTURE TIME: 14:15

WEATHER CONDITIONS: sunny, clear
WAVE HEIGHT AND DIRECTION: S < 1'
WIND SPEED AND DIRECTION: W 5 - 10 mph
TEMPERATURE: 90°-95° F

CONSTRUCTION ACTIVITY: Overburden Removal
NORTH OUTFALL LOCATION: Station 56+90
CENTER OUTFALL LOCATION: Station 56+80
SOUTH OUTFALL LOCATION: Station 57+00
NORTH CONTAINMENT DIKE LOCATION: Station 65+00
SOUTH CONTAINMENT DIKE LOCATION: Station 77+50
OTHER CONTAINMENT DIKE LOCATION: Station 70+00
BEACH FILL AREA EXTENT LOCATION: Station 79+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: No change in total shoreline length on DDR, but advance in beach fill station.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Stripping Overburden		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 29, 2006 OBSERVATION REPORT NO: 157

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location: Station 32+00 to 55+00	Yes
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The pipeline is connected in a single line to station approximately 53+20 range -1+27 where a y-valve is located. The y-valve branches to the north pipeline and an additional y-valve on the south pipeline at approximately station 53+50 range -1+02. The north pipeline extends to approximately station 56+90 range -1+58 pointed east. The center pipeline extends to approximately station 56+80 range -0+98 pointed east. The south pipeline entends to approximately station 57+00 range 0+52 pointed east.

2. The north slope of the dune crest between stations 34+00 and 55+00 has been dressed.

3. Grading has been conducted south of the single pipeline between stations 32+00 and 55+00. The single pipeline is located approximately 10 feet to 20 feet south of the north berm crest between stations 33+00 and 53+20.

4. One bulldozer is working on dressing the dune crest and slope south of the pipeline between stations 34+00 and 55+00.

5. The rubber marsh fill pipeline is no longer attached to the shore pipeline.

6. The dredge data reports vertical and horizontal violations during the overburrden removal on 8/28. The maximum vertical violation was approximately 5 feet below the stripping cut depth, but above the permitted dredge depth. The maximum horizontal violation beyond the borrow area boundary was approximately 14 feet, which occurred at the end of the swing during the overburden removal process.

7. The beach fill end station has advanced since the 8/26/06 report, but the shoreline pipeline length has not changed. The shore pipeline length has remained at 2,600 feet and the beach fill end station has advanced from 55+82 to 57+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. WMI survey crew stated that they could not get in touch with the subcontractor surveyor today and were not sure when the acceptance survey would be conducted.

2. Jeff (WMI) stated that the fencing subcontractor is on site to see how the beach is looking and decide how many people he will need on his crew and any other equipment he will need.

DATE: August 29, 2006 OBSERVATION REPORT NO: 157

3. The WMI day beach crew stated that the pipeline was broken down to the landing and then reconnected during the daytime.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

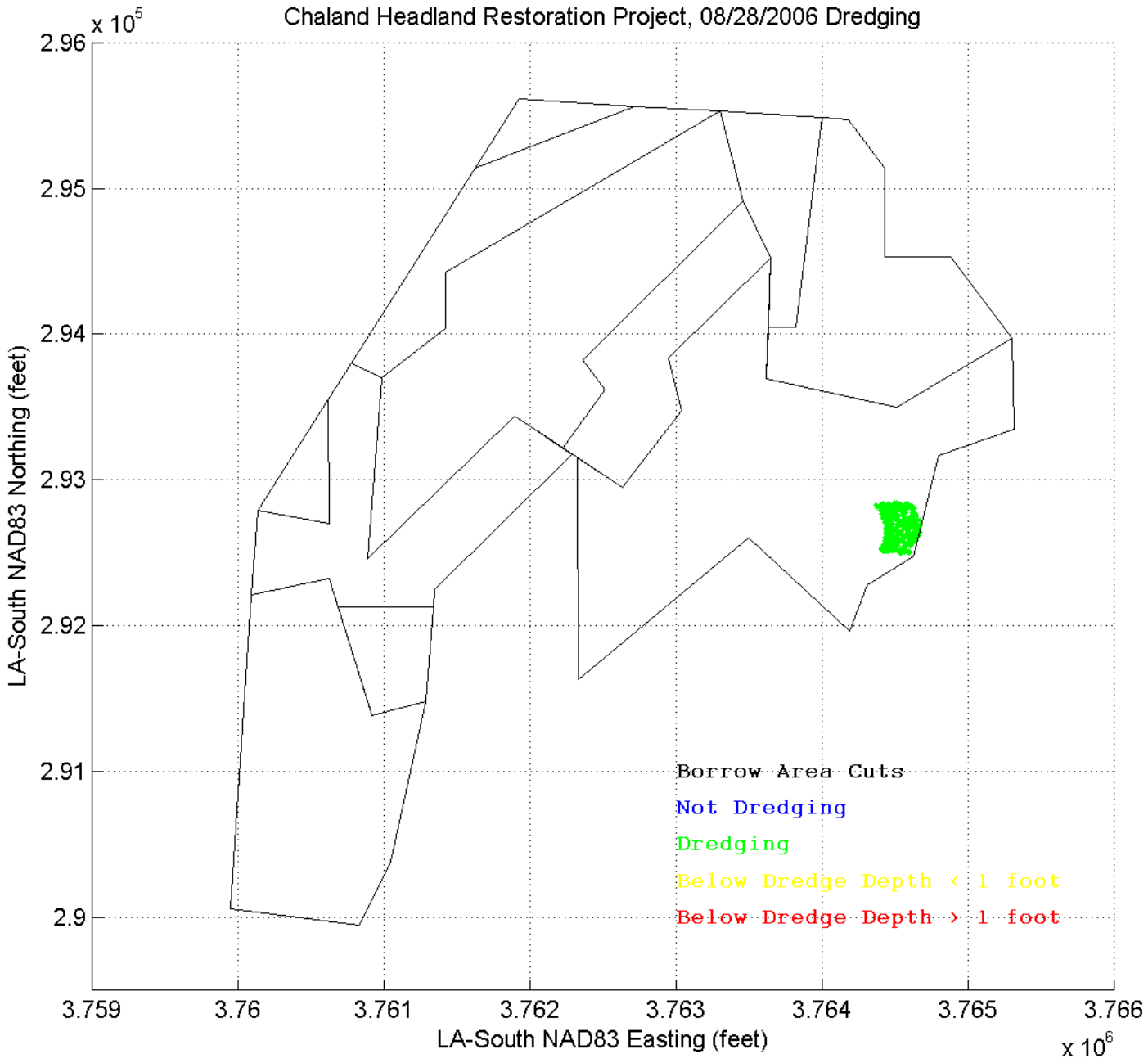
1. No.

Wave condition at station 53+00.

Dressing the dune at station 48+00.

Looking east from station 32+75 range -1.19.

Looking south from station 55+50 at the north, center, and south pipeline ends.


Chaland Headland Restoration Project, 08/28/2006 Dredging
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LA-South NAD83 Easting (feet)
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Borrow Area Cuts
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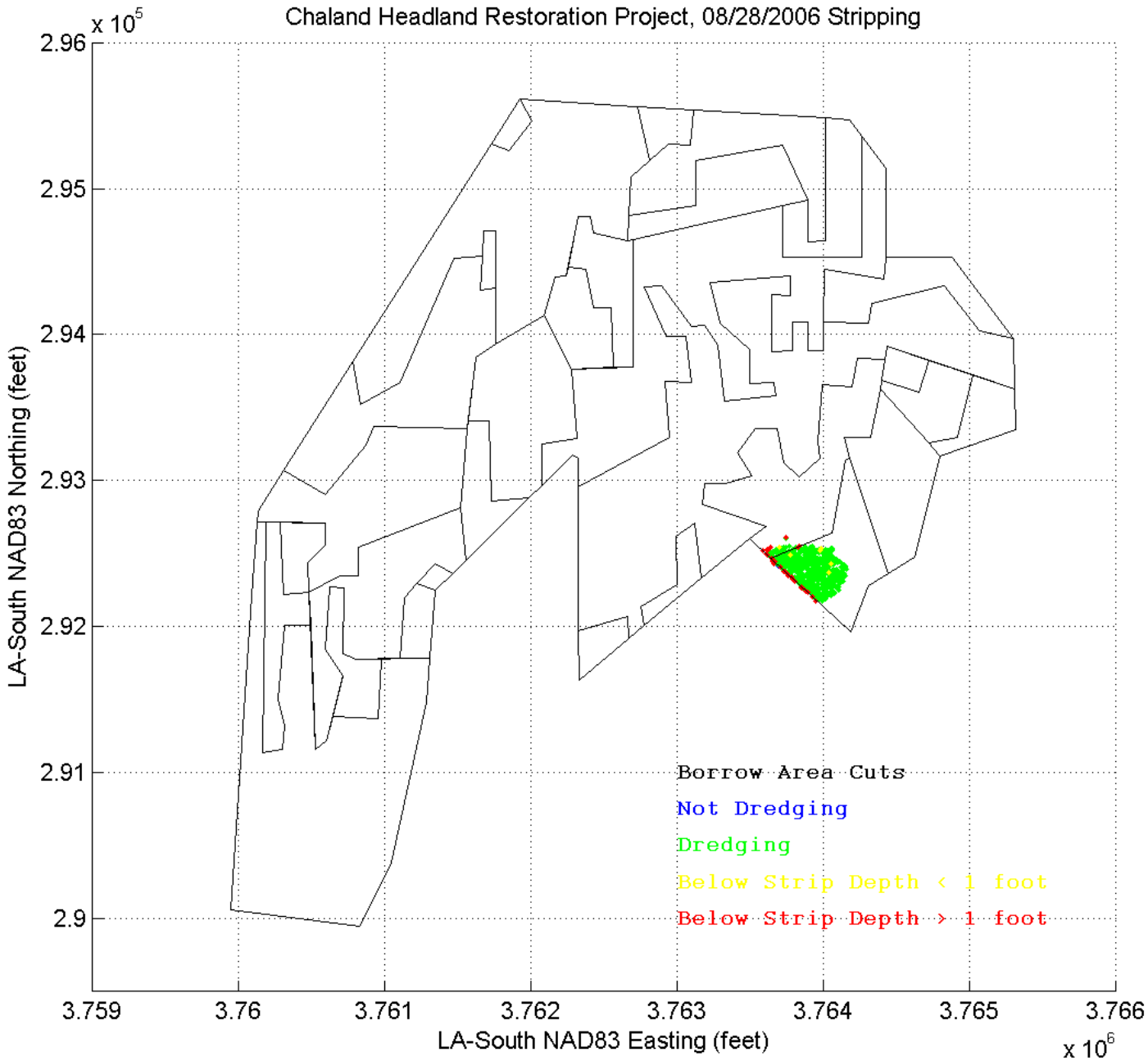
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 08/28/2006 Stripping
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LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 30, 2006 | OBSERVATION REPORT NO: 158
OBSERVER: Catherine Moran | CONTRACT DAY: 288
ARRIVAL TIME: 9:05 DEPARTURE TIME: 10:10

WEATHER CONDITIONS: sunny, clear
WAVE HEIGHT AND DIRECTION: S < 1'
WIND SPEED AND DIRECTION: W 5 - 10 mph
TEMPERATURE: 90°-95° F

CONSTRUCTION ACTIVITY: Overburden Removal
NORTH OUTFALL LOCATION: Station 56+90
CENTER OUTFALL LOCATION: Station 56+80
SOUTH OUTFALL LOCATION: Station 57+00
NORTH CONTAINMENT DIKE LOCATION: Station 65+00
SOUTH CONTAINMENT DIKE LOCATION: Station 77+50
OTHER CONTAINMENT DIKE LOCATION: Station 71+00
BEACH FILL AREA EXTENT LOCATION: Station 79+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistency in Tom James DDR under Cut Information		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Stripping Overburden		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 30, 2006 OBSERVATION REPORT NO: 158

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. No change has occured to the shore pipeline since the previous day (8/29). The pipeline remains as a single line to approximately station 53+20 range -1+27 where a y-valve is located. The y-valve branches to a north pipeline and a south pipeline, which continues to an additional y-valve at approximately station 53+50 range -1+02. The north pipeline extends to approximately station 56+90 range -1+58 pointed east. The center pipeline extends to approximately station 56+80 range -0+98 pointed east. The south pipeline entends to approximately station 57+00 range 0+52 pointed east.

2. The dressing of the dune crest and slope on the south side of the pipeline has been completed between stations 34+00 and 54+00.

3. Staking for the sand fence has been placed along the dune crest between approximately station 32+00 and station 40+00. There are stakes marked with an orange and a blue flag and duct tape. One of the stakes is marked beginning and one stake is marked end.

4. One marsh buggy is working in the marsh fill area. The day shift laborers are working on machine maintenance and welding.

5. Burnging of trees and shrubs is being conducted along approximately station 73+00 in the marsh fill area.

6. The dredge data reports vertical and horizontal violations during the overburrden removal on 8/29. The maximum vertical violation was approximately 4 feet below the overburden removal depth, but above the permitted dredge cut depth. The maximum horizontal violation beyond the borrow area boundary was approximately 10 feet. All of the violations occurred at the end of the dredge cutterhead swing or at cut depth boundaries.

7. In the Tom James DDR for 8/29 the "CUT INFORMATION" total time is all under stripping, but there is a start station, end station and total advance under beach fill, as well as stripping. No beach fill placement occurred on 8/29, therefore there should be no stations with advance.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. WMI crew member stated that trees are being burned today to clear the beach for fill placement, but there was no trash found to be burned.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: August 30, 2006 OBSERVATION REPORT NO: 158

2. The WMI survey crew stated that they were able to reach the survey subcontractor. The subcontractor will arrive at the main landing early in the morning and be ready for surveying once they arrive at the project site.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

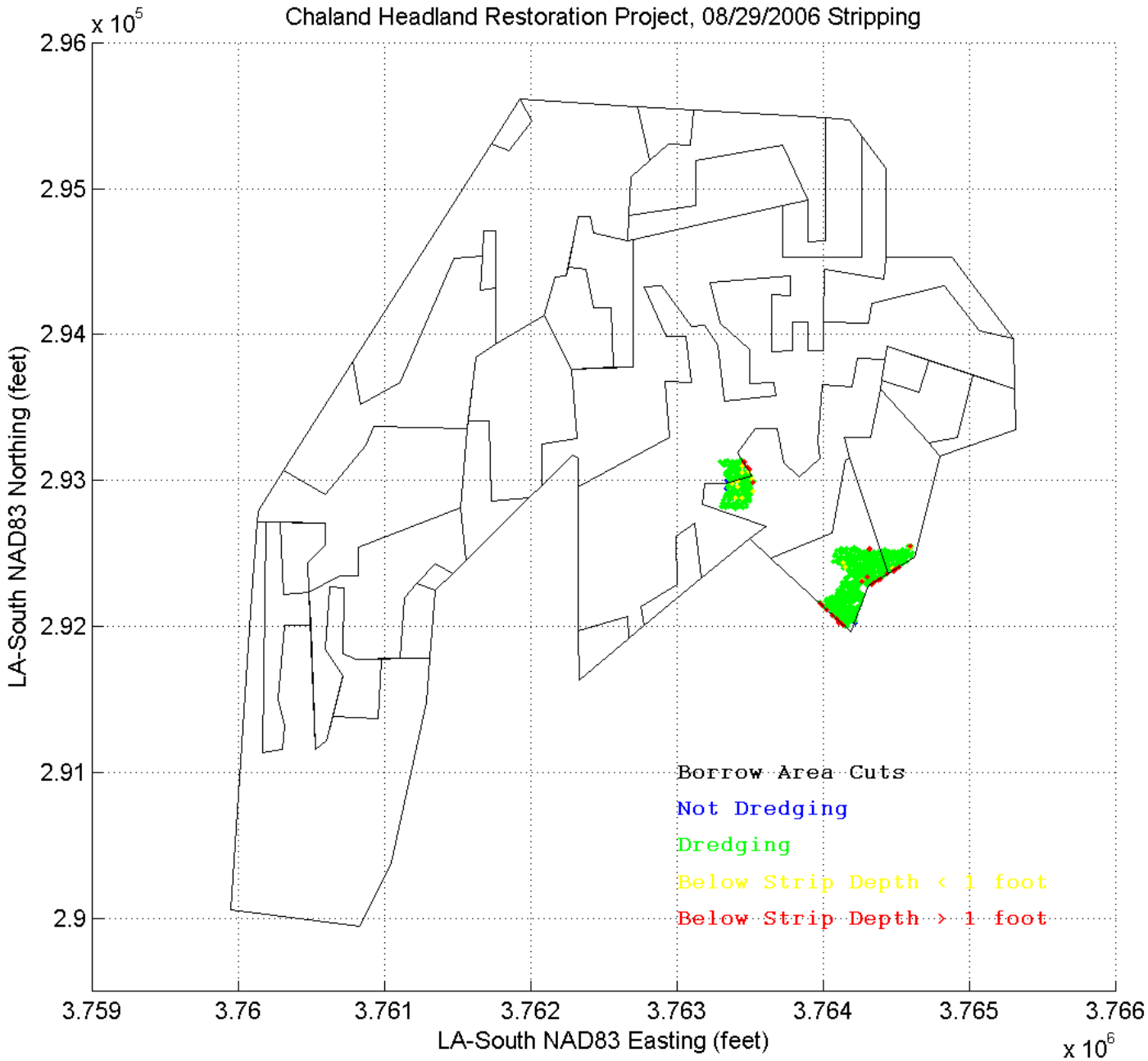
1. No.

Wave condition at station 32+00.

Burning shrubs and trees at station 73+00.

Sand fence stakes looking east from station 33+30.

Graded and dressed dune crest looking east from station 32+00.


Chaland Headland Restoration Project, 08/29/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: August 31, 2006 | OBSERVATION REPORT NO: 159
OBSERVER: Catherine Moran | CONTRACT DAY: 289
ARRIVAL TIME: 11:45 | DEPARTURE TIME: 12:55

WEATHER CONDITIONS:	sunny, clear
WAVE HEIGHT AND DIRECTION:	SSW < 1'
WIND SPEED AND DIRECTION:	NW 10 - 20 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Overburden Removal
NORTH OUTFALL LOCATION:	Station 56+90
CENTER OUTFALL LOCATION:	Station 56+80
SOUTH OUTFALL LOCATION:	Station 57+00
NORTH CONTAINMENT DIKE LOCATION:	Station 65+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 77+50
OTHER CONTAINMENT DIKE LOCATION:	Station 71+00
BEACH FILL AREA EXTENT LOCATION:	Station 79+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistency between DDR and DQCR in gross cubic yards; Missing data in DDR		Observation # 6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Stripping Overburden		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: August 31, 2006 OBSERVATION REPORT NO: 159

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	Discussion # 1
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	Observation # 3 Discussion # 3
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. No change has occured to the shore pipeline since the previous day (8/30).

2. The bulldozers were not working on the beach fill or marsh fill area during the time of the visit. Equipment maintenance

3. Staking for a sand fence location was in place from approximately station 18+00 to approximately station 40+00. The stakes were in place from the previous day and will need to be changed prior to the sand fence construction. (See Discussion #2)

4. Pieces of slightly buried burlap were picked up along the dune between stations 27+00 and 29+00 and placed at the pipeline shore landing.

5. The dredge data reports vertical violations during the overburrden removal on 8/30. The maximum vertical violation was approximately 3 feet below the overburden removal depth, but above the permitted dredge cut depth. All of the violations occurred at the end of the dredge cutterhead swing or at cut depth boundaries.

6. The Tom James DDR for 8/30 reported removal of 62,210 gross cubic yards of material, while the DQCR reported removal of 66,210 gross cubic yards of material. The Tom James DDR does not have any amounts filled in under the stripping columns under the heading "FILL INFORMATION".

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the crew boat was transporting the survey subcontractor to the project area from the main landing when mechanical problems occurred during the trip and the boat stopped at the crane barge. After the problems were fixed the boat drifted into the crane barge and caused a dent that needed to be fixed prior to the boat continuing to the project site. The survey crew is expected to conduct the survey tomorrow, 9/1.

2. The location of the sand fence was moved so that the sand fence was offset 40 feet north and south of the dune centerline to allow additional room for Weeks Marine to work on the south side of the dune. The new set of coordinates for the sand fence construction were submitted to Gary today (8/31). Gary said the WMI survey crew will reset the staking for the sand fence withir the next couple of days.

DATE: August 31, 2006 OBSERVATION REPORT NO: 159

3. The sand fence subcontractor was on site and said he has two laborers with him now and he will be bringing as much of his supplies and equipment to the western section of the island prior to the restart of pumping beach fill. He plans to have his equipment west of the outfall location so he does not need to bother traversing the outfall area where it can be difficult to cross without a bulldozers assistance while fill is being placed. Once he gets his supplies and equipment to the west of the outfall location he will arrive at his staging area by boat.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

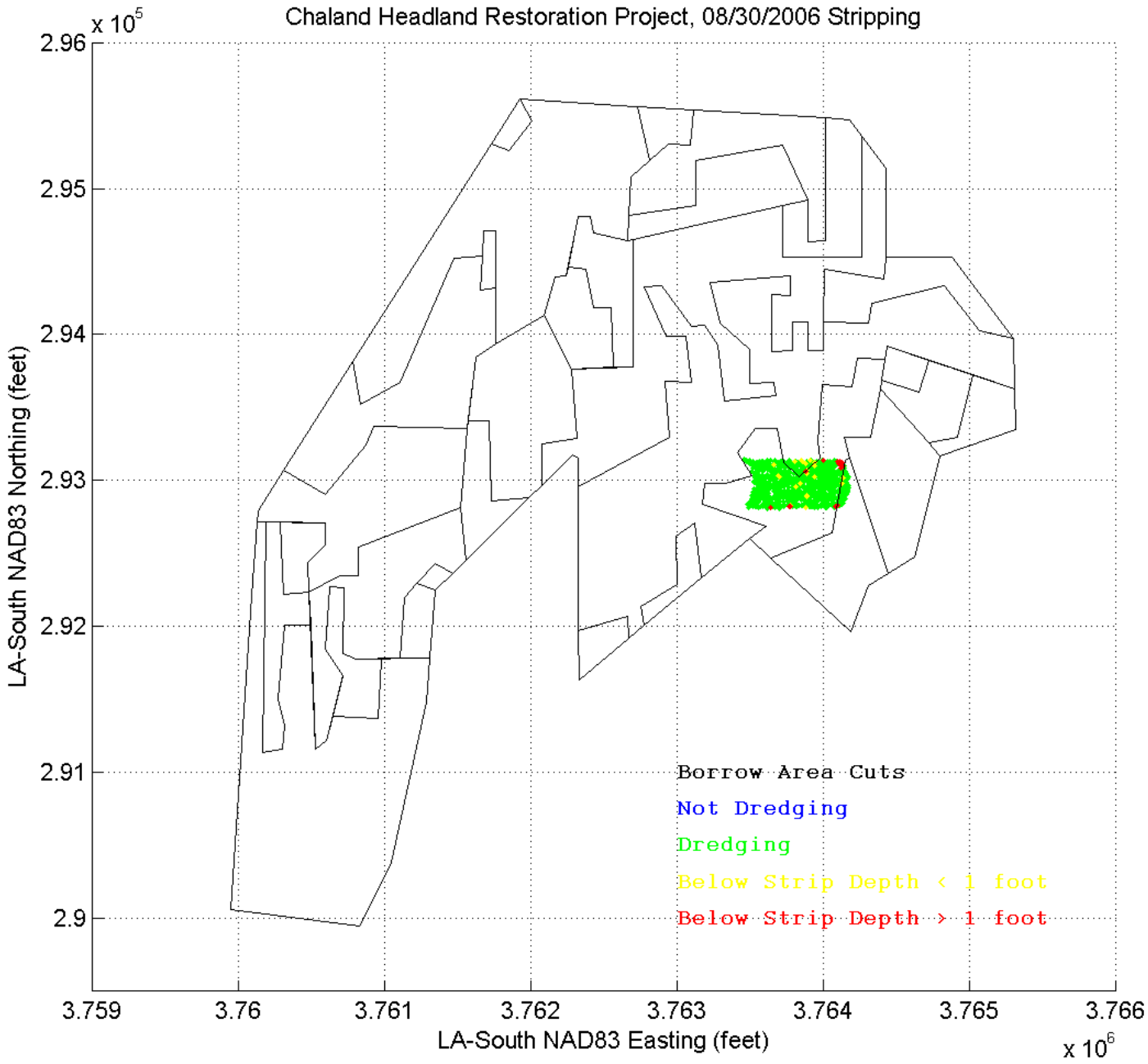
1. No.

Wave condition at station 29+50.

Buried burlap pieces found between station 27+00 and 29+00 and placed at shore pipeline landing.

Station 38+00 range -1+62, looking east along dressed dune.

Station 31+00 range 0+88, looking east along dressed dune.


Chaland Headland Restoration Project, 08/30/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 1, 2006 | OBSERVATION REPORT NO: 160
OBSERVER: Catherine Moran | CONTRACT DAY: 290
ARRIVAL TIME: 8:40 | DEPARTURE TIME: 10:15
13:00 | 15:00

WEATHER CONDITIONS: sunny, clear
WAVE HEIGHT AND DIRECTION: S < 1'
WIND SPEED AND DIRECTION: N 5 -10 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Overburden Removal
NORTH OUTFALL LOCATION: Station 56+90
CENTER OUTFALL LOCATION: Station 56+80
SOUTH OUTFALL LOCATION: Station 57+00
NORTH CONTAINMENT DIKE LOCATION: Station 65+00
SOUTH CONTAINMENT DIKE LOCATION: Station 77+50
OTHER CONTAINMENT DIKE LOCATION: Station 71+00
BEACH FILL AREA EXTENT LOCATION: Station 79+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Inconsistency found within the DCQR and missing information in the DDR. — Observation # 8
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes
    Type: Stripping Overburden
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No — Observation # 7

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — No
    Location:
20. Has a discharge sample been collected? — No
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — No
    Measurement 1:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 1, 2006 OBSERVATION REPORT NO: 160

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Sta 38+88 to Station 53+40	Yes	Observation # 5 Discussion # 2
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. No change has occured to the shore pipeline since the previous day (8/31).

2. A bulldozer was moving pipe storage location at the beach fill area, and a marsh buggy was moving through the marsh fill area during the observations. Equipment repair and maintenance continued on other construction equipment.

3. Staking for the northern sand fence centerline location was being conducted during the morning visit. Stakes were in place for the begining of the fences and end of fences between approximately station 29+22 and 37+92. The stakes are marked with a single orange flag along the fence line and the Begining and end stakes have a blue and an orange flag, as well as a piece of duct tape stating station and whether the stake is the begining or end of the fence.

4. During the afternoon visit there was a portion of the northern sand fence in place. The fence start was at approximately station 29+22 east to approximately station 30+00. The sand fence was placed along the line marked by stakes placed by the survey crew. The stakes are set at an offset of 1.5 feet north and 1.5 feet south of the given coordinate line to create the 3 foot offset between overlapping fences. (see discussion # 3)

5. The survey subcontractor arrived on site midday and observed the WMI survey crew survey profile lines for pay surveys from station 40+00 to station 53+40. The distance between the survey points was approximately 15 to 16 feet. Change in grade, including the northern and southern dune crests and waterline, were surveyed. Surveying was conducted into the marsh, beyond the northern toe of dune fill, and into the ocean, beyond the southern toe of dune fill, up to approximately 4 feet to 4.5 feet of

6. The sand fence subcontractor moved supplies and equipment to the project area. Fencing and equipment is being stored between approximately station 30+00 and 32+00, north of the pipeline. Some rolls of fence are also stored at station 13+00 and a few rolls at station 11+00.

7. The dredge data reports vertical violations during the overburrden removal on 8/31. The maximum vertical violation was approximately 5 feet below the overburden removal depth, but above the permitted dredge cut depth. All of the violations occurred at the end of the dredge cutterhead swing or at cut depth boundaries.

8. The DQCR stated that 2 dozers were working on the final beach fill grade, but the DCQR for 8/30 stated this was conducted on 8/30. The Tom James DDR does not have any amounts filled in under the stripping columns under the heading "FILL INFORMATION".

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 1, 2006 OBSERVATION REPORT NO: 160

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they were staking out the new northern fence coordinates as the centerline for the northern fence line with stakes for the end post and beginning post of each fence from the western most start of the fence to the end of the fence at station 37+92. They have not placed any stakes for the southern fence.

2. The WMI survey crew stated that they have been taking shots approximately 40 feet to 50 feet past the toe of fill on the northern side of the dune, into the marsh. On the southern side of the dune the survey crew stated that they were going as far into the water to take survey points so the hydro survey data would overlap the onshore data by at least 50 feet.

3. Paul Stuart (WMI) stated that the fence placed today was a trial run with the equipment and can be removed if it needs to be. Paul said that it will be kept in place for government officials to see during the Thursday biweekly visit (9/7), so the tie method fo the fence can be discussed. Paul stated that the subcontractor is unclear on the tie method the government would like used.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 33+50.

Sand fence equipment and supplies stored between statior 30+00 and 32+00.

Stake marking the beginning of a sand fence at station 29+22.

Stake marking the end of a sand fence at station 29+52.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 1, 2006 OBSERVATION REPORT NO: 160

Moving sand fence supplies to station 30+00 to 32+00.

Station 57+00 range 0+80 looking north to pipeline outfall location.

Station 14+68 range -1+70 looking east.

Station 14+68 range -1+70 looking west.

Station 14+68 range -1+70 looking north.

Station 14+68 range -1+70 looking south.

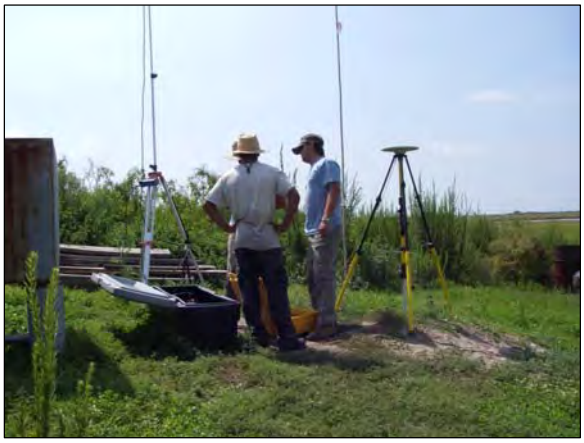
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 1, 2006 OBSERVATION REPORT NO: 160

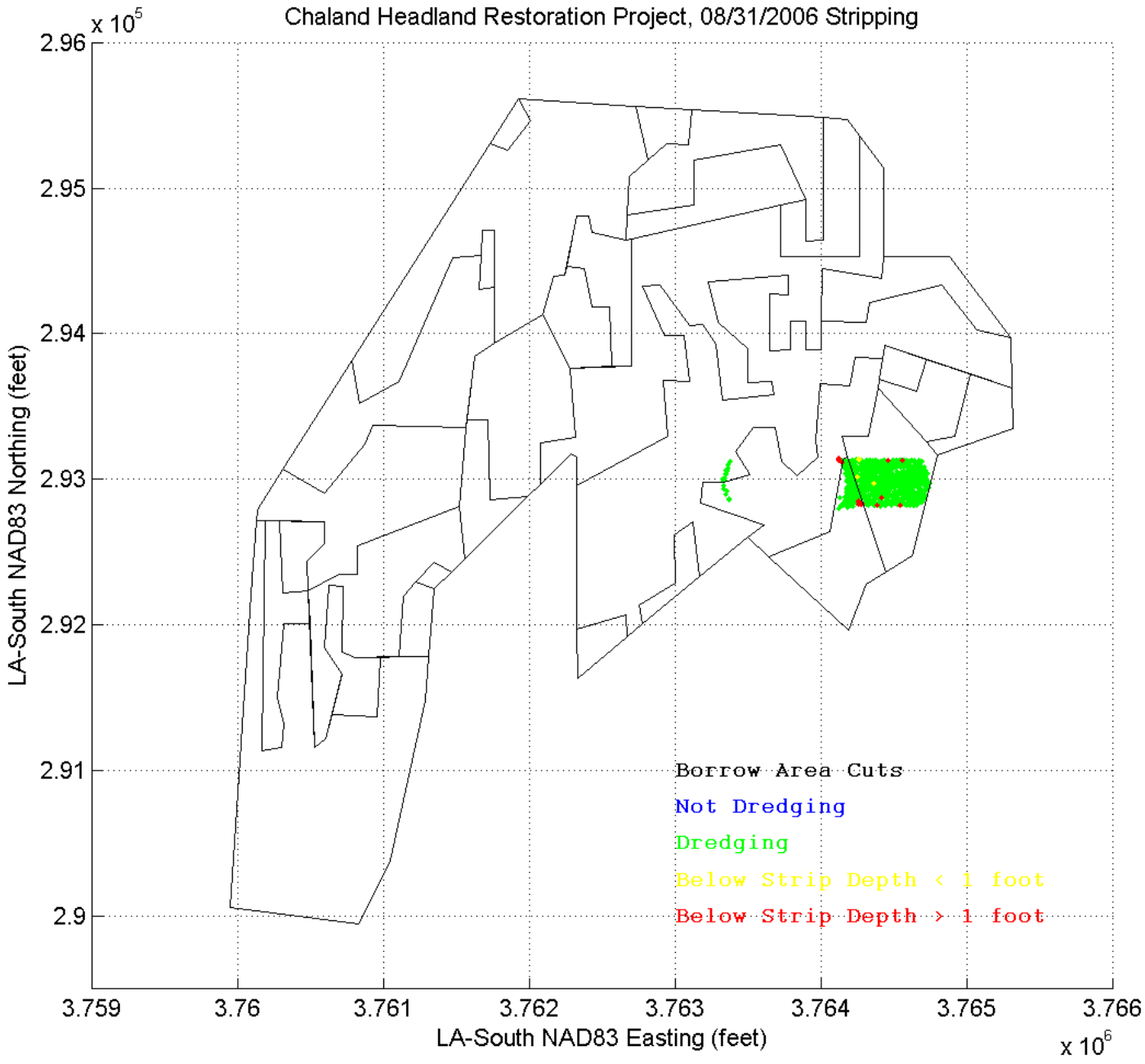
Surveying station 50+00 in the marsh, north of the north toe of dune fill.

Surveying station 50+00 south of the south toe of dune fill.

Trial fence placed between station 29+22 and station 30+00. (Disscussion # 3)



Survey crew checking equipment and taking down base station after the survey.


Chaland Headland Restoration Project, 08/31/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 2, 2006 | OBSERVATION REPORT NO: 161
OBSERVER: Catherine Moran | CONTRACT DAY: 291
ARRIVAL TIME: 8:30 DEPARTURE TIME: 10:00
12:50 13:35

WEATHER CONDITIONS: sunny, clear
WAVE HEIGHT AND DIRECTION: SSE < 1' (am); S <1' (pm)
WIND SPEED AND DIRECTION: N 0 - 5 mph (am); W 0 - 5 mph (pm)
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Overburden Removal
NORTH OUTFALL LOCATION: Station 56+90
CENTER OUTFALL LOCATION: Station 56+80
SOUTH OUTFALL LOCATION: Station 57+00
NORTH CONTAINMENT DIKE LOCATION: Station 65+00
SOUTH CONTAINMENT DIKE LOCATION: Station 77+50
OTHER CONTAINMENT DIKE LOCATION: Station 71+00
BEACH FILL AREA EXTENT LOCATION: Station 79+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Inconsistency found within the DCQR sub-contractor equipment was not idle on 9/1. — Observation # 4
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes
    Type: Stripping Overburden
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No — Observation # 5

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — No
    Location:
20. Has a discharge sample been collected? — No
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — No
    Measurement 1:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 2, 2006 OBSERVATION REPORT NO: 161

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. No change has occured to the shore pipeline since the previous day (9/1).

2. Two bulldozers were working on the northern slope of the dune between station 57+00 and 65+00. One marsh buggy was working in the marsh fill area.

3. The WMI survey crew removed gade stakes throughout the day starting at station 5+00 and moving east to station 54+30. The stakes are approximately 10 feet in length and buried approximately 5 feet to 6 feet into the fill. The survey crew used a metal detector to find grade stakes that were buried within the fill material. Along station 38+88 a stake was found, using the metal detector, buried approximately 1 foot into the fill material. The stakes were removed using a chain attached to the 966F loader # 8409. The pay surveys for the profile lines included have been completed.

4. The DQCR stated that the sub-contractors equipment was idle on 9/1, but fence posts were put into place and fencing was tied, therefore the equipment was operating.

5. The dredge data reports vertical violations during the overburrden removal on 9/1. The maximum vertical violation was approximately 5 feet below the overburden removal depth, but above the permitted dredge cut depth. All of the violations occurred at the end of the dredge cutterhead swing or at cut depth boundaries.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they were removing the grade stakes from the surveyed section of the beach, station 5+00 through station 53+40. At the close of the day the survey crew stated that all the stakes were removed from 5+00 to 53+40 except for the stakes north of the pipeline from 40+00 to 53+40, which they plan to remove tomorrow.

2. Paul Stuart (WMI) stated that they expect to start pumping beach fill sand on Monday 9/4.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 2, 2006 OBSERVATION REPORT NO: 161

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

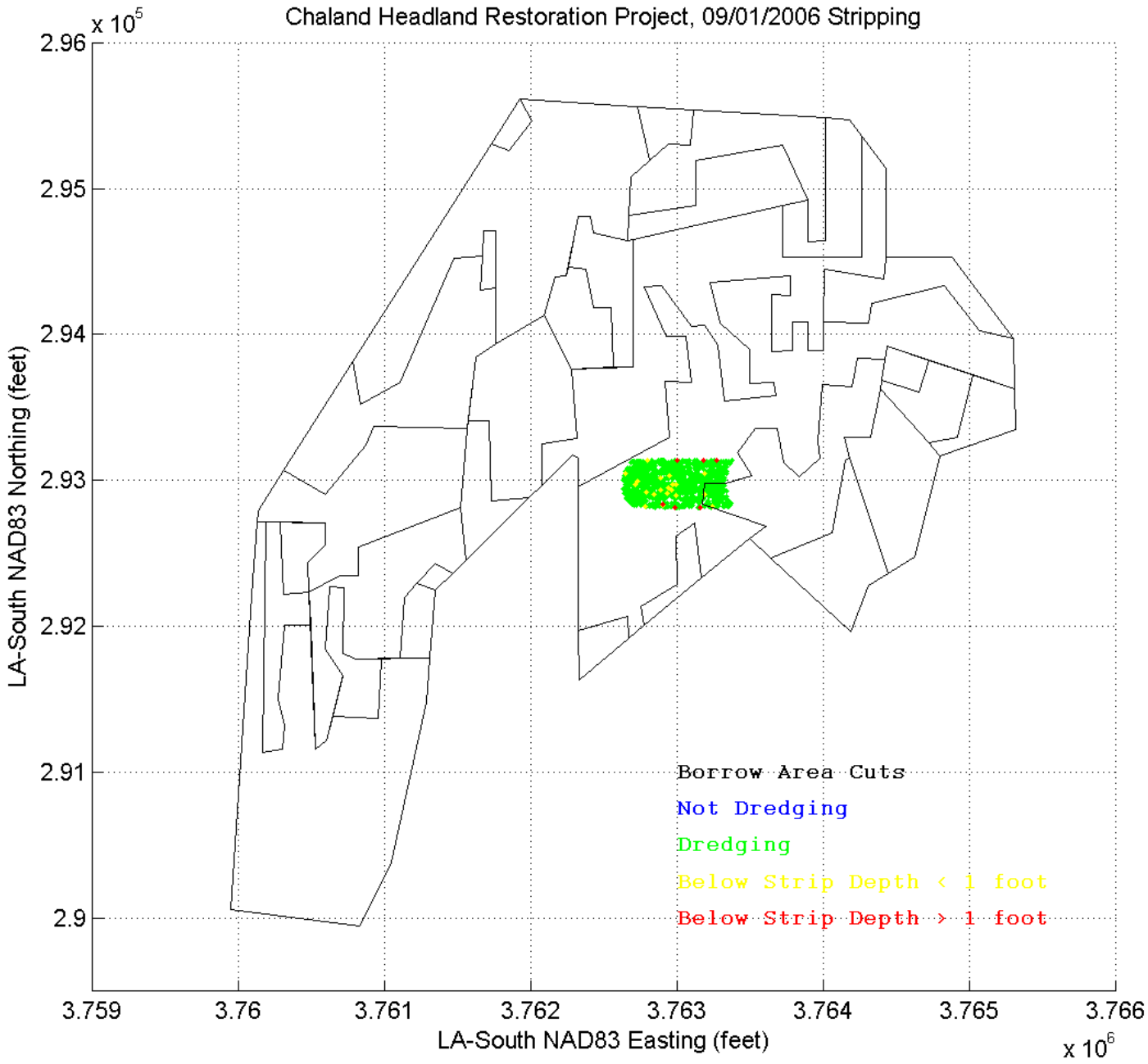
1. No.

Wave condition at station 52+00.

Removing stake along station 9+84.

Survey crew using metal detector to look for a missing stake along station 38+88.

Looking east along station 38+88 range 0+98.


Chaland Headland Restoration Project, 09/01/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 3, 2006 | OBSERVATION REPORT NO: 162
OBSERVER: Catherine Moran | CONTRACT DAY: 292
ARRIVAL TIME: 9:20 | DEPARTURE TIME: 10:30
13:00 | 13:40

WEATHER CONDITIONS:	sunny, clear
WAVE HEIGHT AND DIRECTION:	S < 1' (am)
WIND SPEED AND DIRECTION:	W 0 - 5 mph (am)
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Overburden Removal
NORTH OUTFALL LOCATION:	Station 56+90
CENTER OUTFALL LOCATION:	Station 56+80
SOUTH OUTFALL LOCATION:	Station 57+00
NORTH CONTAINMENT DIKE LOCATION:	Station 65+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 77+40
OTHER CONTAINMENT DIKE LOCATION:	Station 71+00
BEACH FILL AREA EXTENT LOCATION:	Station 79+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistency found in the DDR under "CUT INFORMATION" and the Leverman's Log.		Observation # 5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Stripping Overburden		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 3, 2006 OBSERVATION REPORT NO: 162

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. No change has occured to the shore pipeline location since the previous day (9/2). All three pipelines have a 90° elbow at the end.

2. Two marsh buggies were repeatedly crossing the marsh between approximately station 22+00 and station 52+00. Equipment maintenance and repair was being conducted on two bulldozers. No bulldozers were operating during the observations.

3. I walked across the marsh along station 29+20. The material was solid enough to walk across the entire marsh profile.

4. The WMI survey crew was removing grade stakes during the morning visit.

5. In the Tom James DDR the "CUT INFORMATION" section has a beach cut from station 5+10 to station 0+85. The remarks under the Leverman's Log has "(beach)" under one of the cut advances, but only stripping was performed and mud removed.

6. The dredge data reports vertical violations and horizontal borrow area boundary violations during the overburrden removal on 9/2. The maximum vertical violation was approximately 5 feet below the overburden removal depth, but above the permitted dredge cut depth. The horizontal violation was a maximum of approximately 8 feet outside the borrow area boundary. All of the violations occurred at the end of the dredge cutterhead swing or at cut depth boundaries.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they completed the removal of all the dune fill grade stakes between 5+00 and 53+40, except for the stakes in the marsh fill marking the northern toe of dune fill.

2. Paul Stuart (WMI) stated that Weeks is still expecting to start pumping beach fill sand tomorrow morning, 9/4.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 3, 2006 OBSERVATION REPORT NO: 162

Wave condition at station 77+70.

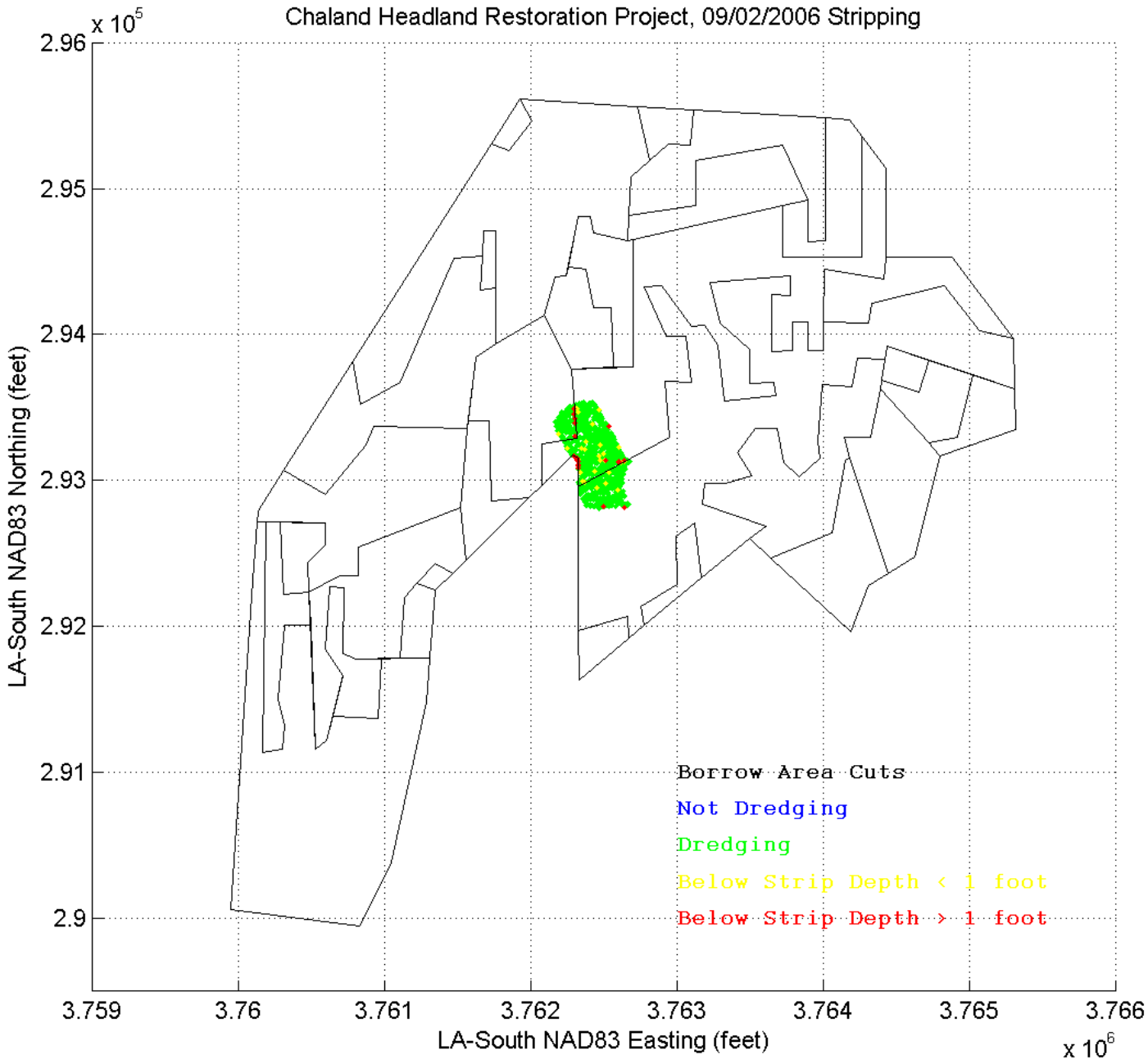
Marsh buggy walking the marsh between station 38+00 and 38+88.

Looking east from station 29+20 range -4+99.

Looking west from station 29+20 range -4+99.

Looking south from station 29+20 range -4+99.

Looking north from station 29+20 range -4+99.


Chaland Headland Restoration Project, 09/02/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 4, 2006 | OBSERVATION REPORT NO: 163
OBSERVER: Catherine Moran | CONTRACT DAY: 293
ARRIVAL TIME: 8:30 | DEPARTURE TIME: 10:10
13:15 | 15:00

WEATHER CONDITIONS:	sunny, clear (am & pm)
WAVE HEIGHT AND DIRECTION:	S < 1' (am & pm)
WIND SPEED AND DIRECTION:	NW 5 -10 mph (am); S 0 -5 mph (pm)
TEMPERATURE:	85°-95° F
CONSTRUCTION ACTIVITY:	Overburden Removal; Beach Fill
NORTH OUTFALL LOCATION:	Station 55+70
CENTER OUTFALL LOCATION:	Station 55+60
SOUTH OUTFALL LOCATION:	Station 55+85
NORTH CONTAINMENT DIKE LOCATION:	Station 65+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 77+40 (am); Station 80+20 (pm)
OTHER CONTAINMENT DIKE LOCATION:	Station 71+00
BEACH FILL AREA EXTENT LOCATION:	Station 79+00 (am); Station 81+00 (pm)
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistency found in the DDR and in the DCQR		Observation # 9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Observation # 3
	Location: Station 54+00 to Station 80+00		Disscussion # 3

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Stripping Overburden; Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 10

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	Yes	
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 4, 2006 OBSERVATION REPORT NO: 163

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. WMI was discharging material to the beach upon my arrival at 8:30 am. Sand was mushroom discharged to the beach from north, center, and south pipelines using a 90° elbow pipe at each pipe outfall. The south outfall was located near Station 55+85 Range 0+66 and pointed east. The center outfall was located near Station 55+60 Range -0+18 and pointed east. The north outfall was located near Station 55+70 Range -1+12 and pointed east. The slurry from the north, center, and south outfalls flowed east between the north and center containment dikes to the extent of beach fill near Station 80+20 Range 5+20 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The discharge from all three discharge points flowed between the north containment dike and center containment dike to approximately station 71+00, where the center dike ends. The flow was then contained between the north and south containment dikes till it flowed into the Gulf of Mexico at approximately station 80+20.

3. One marsh buggy had been working in the marsh area around station 38+00 upon arrival, but stopped activity at approximately 9 am. Two bulldozers were working on stabilizing the south containment dike and extending the dike.

4. The WMI survey crew was placing grade stakes during the morning visit between station 69+00 and 71+00. The survey crew had placed station labels on the stakes near the fill.

5. At station 53+40 range 0+13 a grade stake that had been buried approximately 1 foot in the fill, had been uncovered, but not removed.

6. Various burlap pieces were found partly buried within the placed fill between station 30+50 and 32+00. The pieces were picked up and placed on or next to the pipeline.

7. A leak in the pipeline connection at approximately station 30+86 has been fixed. As of the afternoon observation there were no leaks along the pipeline.

8. During the afternoon visit one bulldozer was building up the native beach on the northern side of the dune between station 73+00 and 74+00. (see Discussion # 4)

DATE: September 4, 2006 OBSERVATION REPORT NO: 163

9. In the Tom James DDR the "CUT INFORMATION" section has cut start and end stations under the beach and marsh columns. There is missing information under "FILL INFORMATION" for the stripping column for the day and for the stripping column under to date. In the DQCR the morning bird patrol is listed as being conducted from 8:30 am to 8:30 am. The DQCR lists 2 dozers working on the beach fill final grade, which has been completed previously and had not changed.

10. The dredge data showed vertical violations during the overburrden removal on 9/3. The maximum vertical violation was approximately 4 feet below the overburden removal depth, but above the permitted dredge cut depth. All of the violations occurred at the end of the dredge cutterhead swing or at cut depth boundaries.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Paul Stuart (WMI) stated that beach fill started pumping around 8:30 am.

2. I spoke with the WMI survey crew and asked if they will be removing the grade stake found uncovered at station 53+40 range 0+13. They stated they were unsure of which stake it was and would look for it tomorrow.

3. WMI survey crew stated that they checked the fill placement grade stakes for the beach fill between stations 54+00 to 80+00 during the morning. They replaced any missing stakes and checked the locations of the stakes that were in place.

4. The beach day crew stated that the north dune material between station 73+00 and station 74+00 was being built up to grade and then the dump shack and maintenance shacks would be placed there.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

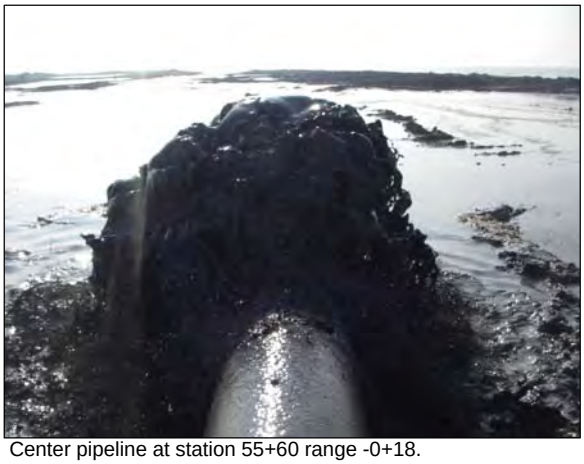
1. No.

Wave condition at station 55+00.

South pipeline at station 55+85 range 0+66.

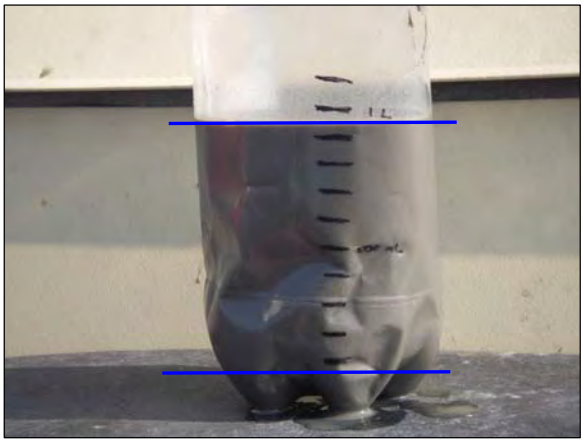
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 4, 2006 OBSERVATION REPORT NO: 163

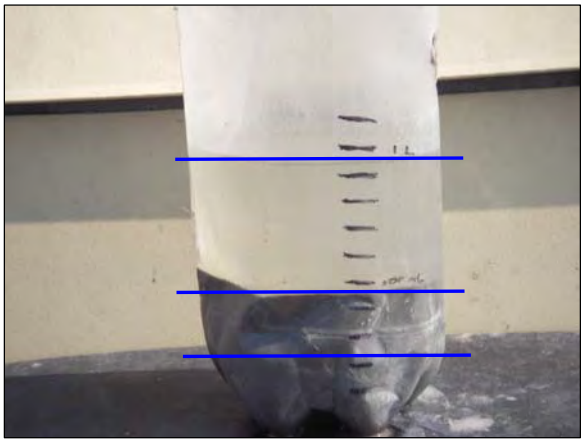


Center pipeline at station 55+60 range -0+18.

North pipeline at station 55+70 range -1+12.



Discharge sample picture taken at 9:02 am.



Discharge sample picture taken at 9:38 pm.

Survey crew checking the grade stakes along station 71+00.

Looking east from station 55+85 range 2+07 along a containment dike not being utilized.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

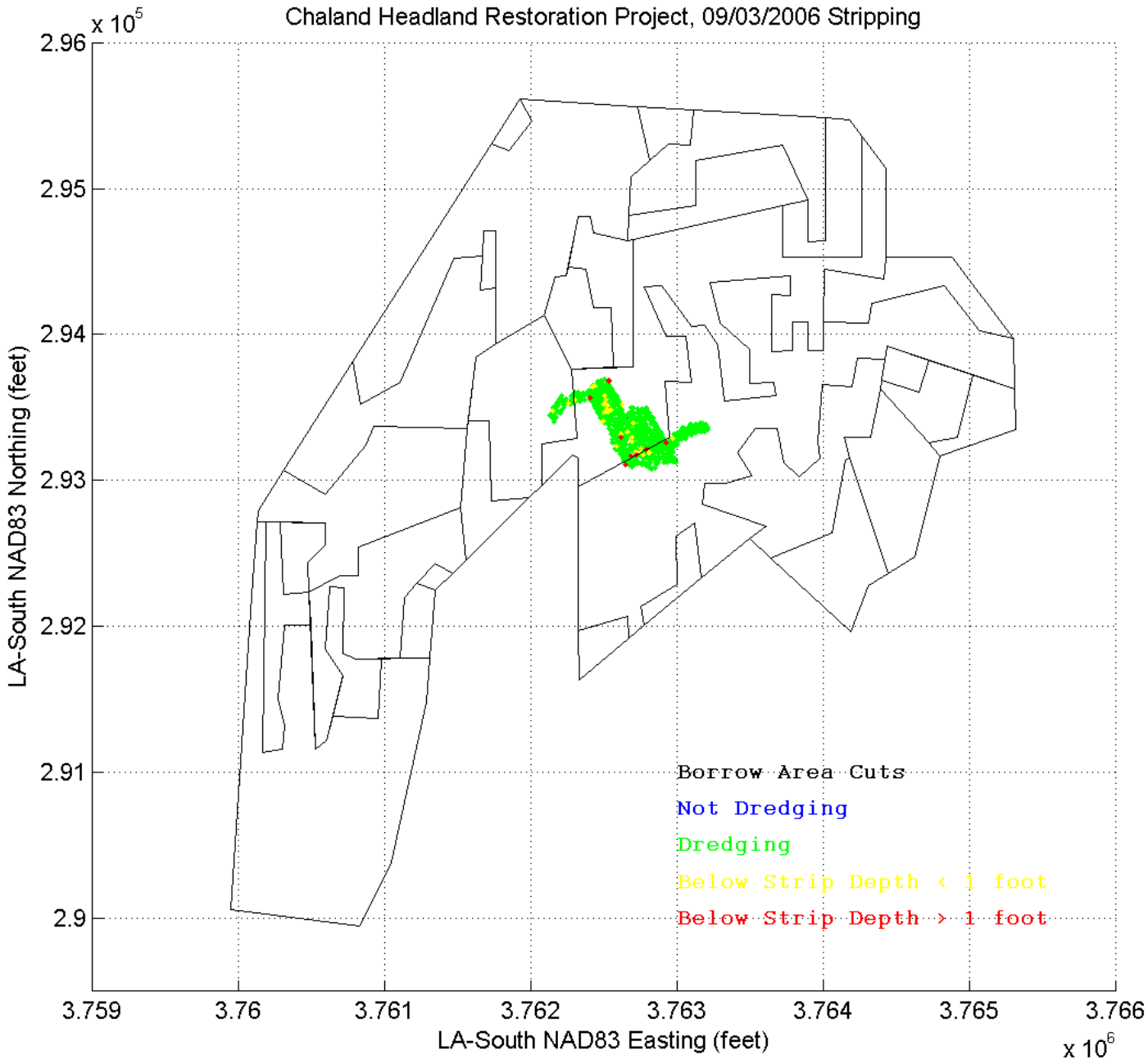
DATE: September 4, 2006 OBSERVATION REPORT NO: 163

Pieces of burlap picked up between station 30+50 and 30+90.

Pieces of burlap picked up at approximately station 32+00.

Leak that was fixed at approximately station 30+86.

Bulldozer building up northern dune grade between statior 73+00 and station 74+00.


Chaland Headland Restoration Project, 09/03/2006 Stripping
x 10^5
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LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 5, 2006 | OBSERVATION REPORT NO: 164
OBSERVER: Catherine Moran | CONTRACT DAY: 294
ARRIVAL TIME: 7:15 | DEPARTURE TIME: 8:50
12:00 | 14:15

WEATHER CONDITIONS:	partly cloudy (am); clear, sunny (pm)
WAVE HEIGHT AND DIRECTION:	SSW < 1' (am); S<1' (pm)
WIND SPEED AND DIRECTION:	NW 0 - 5 mph (am); W 0 - 5 mph (pm)
TEMPERATURE:	85°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 56+10 (am); Station 56+95 (pm)
CENTER OUTFALL LOCATION:	Station 56+00 (am); Station 56+90 (pm)
SOUTH OUTFALL LOCATION:	Station 55+85 (am); Station 57+05 (pm)
NORTH CONTAINMENT DIKE LOCATION:	Station 65+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 79+60
OTHER CONTAINMENT DIKE LOCATION:	Station 69+50 (am); Station 63+00 (pm)
BEACH FILL AREA EXTENT LOCATION:	Station 81+00 (am); Station 82+00 (pm)
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistency found in the DDR and in the DCQR for 9/4		Observation # 8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Station 81+00 to Station 82+44		Disscussion # 3

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 9

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 3
	Location: CH041, Sta. 55+60 Ra. -0+55 (N 29.31152° W 89.76757°), 7:45 am		
20.	Has a discharge sample been collected?	Yes	
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	Yes	
	Measurement 1: Station 53+40 - Measured Width: 272', Template Width: 280'		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 5, 2006 OBSERVATION REPORT NO: 164

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from north, center, and south pipelines using a 90° elbow pipe at each pipe outfall. The south outfall was located near Station 55+85 Range 0+66 and extended to Station 57+05 range 0+22 by the afternoon, pointed east. The center outfall was located near Station 56+00 Range -0+15 and extended to Station 56+90 range -0+13 by the afternoon, pointed east. The north outfall was located near Station 56+10 Range -1+07 and extended to Station 56+95 range -1+27 by the afternoon, pointed east. The slurry from the north, center, and south outfalls flowed east between the north and center containment dikes to the extent of the center containment dike at station 71+00. The beach fill then flowed between the north and south containment dikes to the extent of fill near Station 79+60 Range 5+25 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. Two bulldozers worked on stabilizing the south containment dike and extending the dike throughout the day. The dozers worked on extending the three pipelines as needed throughout the day. No marsh buggies were operating today. Repairs to unoperable bulldozers continued.

3. Sand sample CH041 was taken at 7:45 am, near Station 55+60 Range -0+55 (N 29.31152° W89.76757°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

4. Small rock and shell can be heard flowing through the pipeline throughout the day.

5. The grade stake at station 53+40 range 0+13 remained in place uncovered approximately 1 foot down in the fill.

6. Marsh fill at approximately station 55+82 range -3+74 was stacked to an elevation of approximately 3 feet NAVD. The top 3 inches to 5 inches of marsh material in the area is water.

7. A ditch in the native beach material has been created between approximately Station 73+00 and 74+10 between ranges -3+30 and -3+50 to allow the fill material to flow into the area between station 74+10 and 77+60 for the northern dune slope.

8. The WMI DQCR has 2 dozers working on final beach fill grade, which had been previously completed for the placed fill. In the Tom James DDR and the WMI DQCR have the beach discharge to station 58+00, but the CPE observation shows the beach fill does not extend beyond station 56+00. There is missing information under "FILL INFORMATION" for the stripping column for the day and for the stripping column under to date. The DDR is missing the line length for stripping for the day. The DDR is missing information under the "ENGINE ROOM & PUMP INFORMATION" for the stripping done for the day.

DATE: September 5, 2006 OBSERVATION REPORT NO: 164

9. The dredge data showed vertical violations during the overburrden removal on 9/4. The maximum vertical violation was approximately 1 foot below the overburden removal depth, but above the permitted dredge cut depth. The dredge data showed vertical violations during the beach fill dredging on 9/4. The maximum vertical violation during dredging operations was approximately 3 feet below the permitted cut depth. All of the violations occurred at the end of the dredge cutterhead swing or at cut depth boundaries.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gray Johnson (WMI) stated that the fence sub-contractor will being placing fence tomorrow (9/6). Gary also said the fence sub-contractor will attend the bi-weekly meeting this Thursday (9/7).

2. The WMI survey crew said that they found the uncovered grade stake at station 53+40 range 0+13 and will be removing it as soon as they have the opportunity and use the front end loader.

3. The WMI survey crew stated that they placed the grade stakes for the beach fill up to station 82+44.

4. The WMI survey crew stated that they staked out the alignment for the northern and southern sand fences from the western end of the fences to station 37+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 54+00.

North pipe outfall at station 56+10 range -1+07.

Center pipe outfall at station 56+00 range -0+15.

South pipe outfall at station 55+85 range 0+66.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

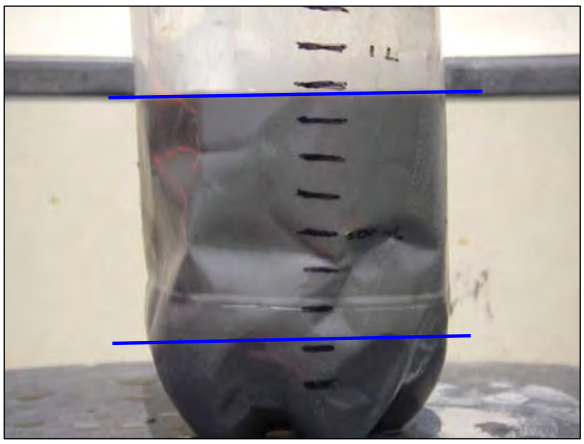
DATE: September 5, 2006 OBSERVATION REPORT NO: 164

Native beach built to grade between station 72+75 and 74+00. Red arrow points to upper tolerance ribbon.

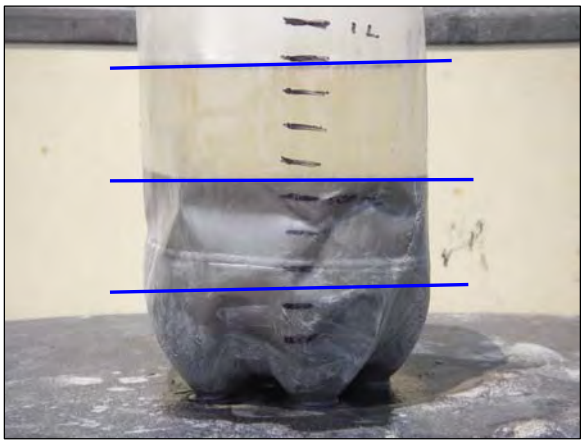
Bulldozers working on the south containment dike.

Ditch between native material located between station 72+75 and 74+00, between range -3+50 and -3+30.

Beach fill material traveling around the native beach between station 72+70 and 65+00, between range 0+80 and 0+20



Discharge sample picture taken at 12:50 pm.



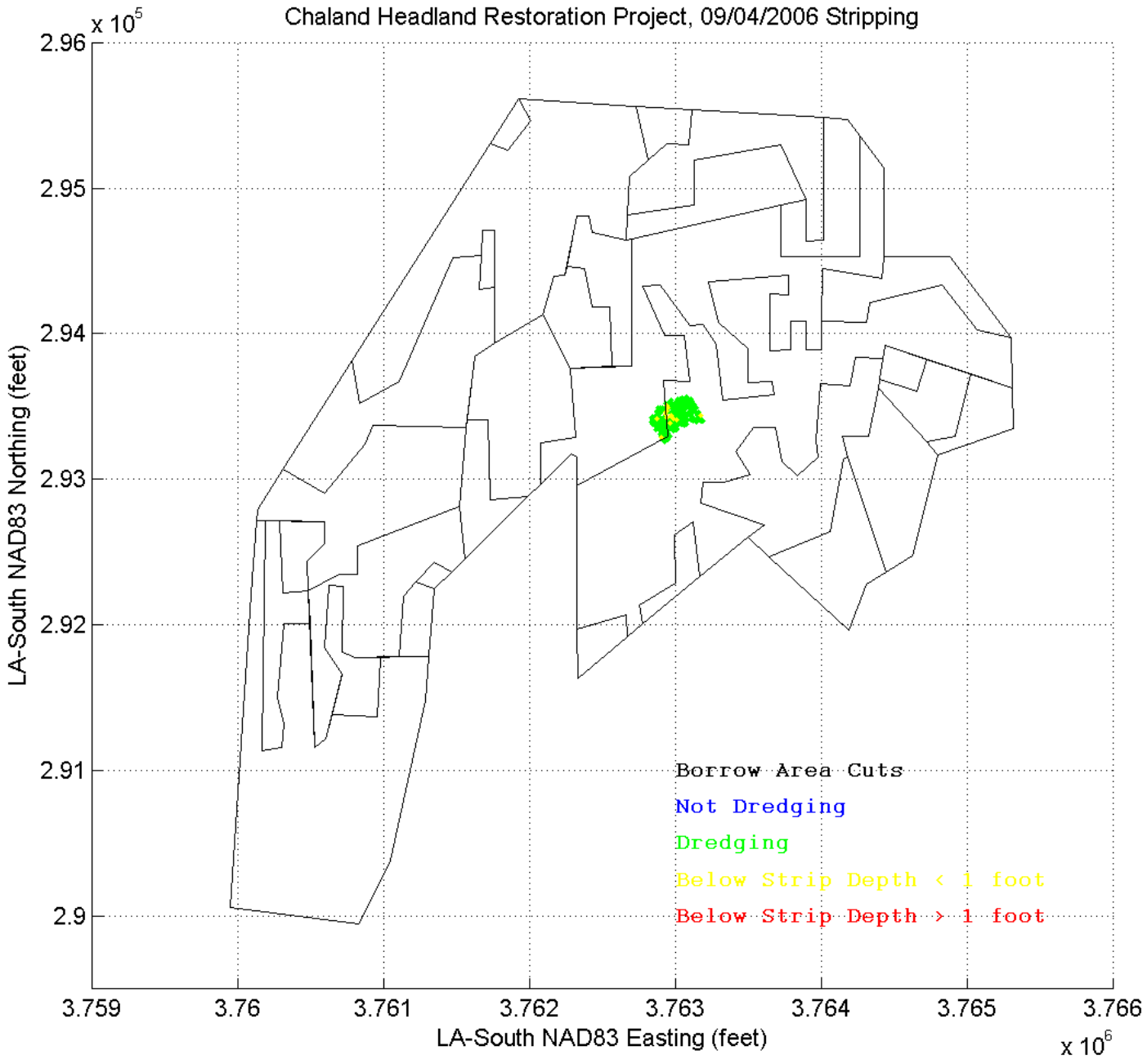
Discharge sample picture taken at 1:40 pm.

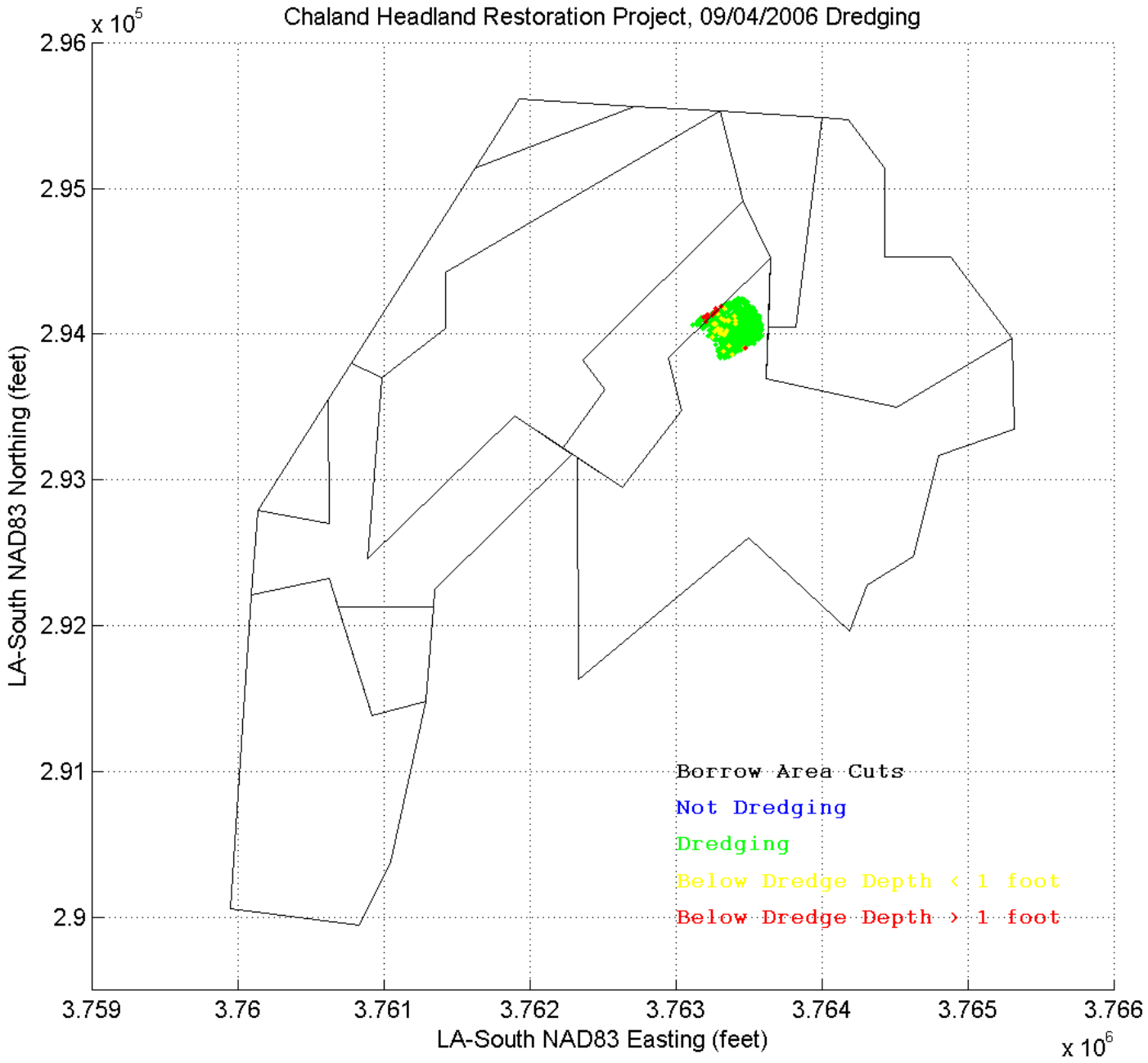
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: September 5, 2006 OBSERVATION REPORT NO: 164

Adding pipe to south pipeline, extending south outfall to station 57+05.

Adding 90° elbow to south pipeline outfall at station 57+05 range 0+22.


Chaland Headland Restoration Project, 09/04/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot


Chaland Headland Restoration Project, 09/04/2006 Dredging
x 10^5
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LA-South NAD83 Northing (feet)
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3.762
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3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 6, 2006 | OBSERVATION REPORT NO: 165
OBSERVER: Catherine Moran | CONTRACT DAY: 295
ARRIVAL TIME: 7:40 | DEPARTURE TIME: 9:30
13:25 | 15:00

WEATHER CONDITIONS: partly cloudy (am); overcast (pm)
WAVE HEIGHT AND DIRECTION: S 1' - 2' (am & pm)
WIND SPEED AND DIRECTION: N 0 - 5 mph (am); N 5 - 10 mph (pm)
TEMPERATURE: 75°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 58+25 to Station 60+20 (am); Station 61+20 (pm)
CENTER OUTFALL LOCATION: Station 60+20 (am); Station 61+25 (pm)
SOUTH OUTFALL LOCATION: Station 60+25 (am); Station 61+40 (pm)
NORTH CONTAINMENT DIKE LOCATION: Station 65+50 (am & pm)
SOUTH CONTAINMENT DIKE LOCATION: Station 79+90 (am); Station 80+00 (pm)
OTHER CONTAINMENT DIKE LOCATION: Station 73+00 (am); Station 70+50 (pm)
BEACH FILL AREA EXTENT LOCATION: Station 81+00 (am & pm)
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistency found in the DDR and in the DCQR for 9/5		Observation # 10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 3
	Location: CH042, Sta. 60+00 Ra. 0+59 (N 29.31018° W 89.76623°), 8:20 am		
20.	Has a discharge sample been collected?	Yes	
21.	Does the material appear to meet technical requirements?	Yes	Observation # 4
22.	Were the constructed berms measured?	No	Observation # 5
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 6, 2006 OBSERVATION REPORT NO: 165

26.	Are sand fencing operations being conducted?	Yes
	Post location: North - between Station 29+22 and Station 36+92.	
	Post location: South - between Station 32+21 and Station 36+76.	
	Fence location: North - between Station 29+22 and Station 36+92.	
	Fence location: South - between Station 32+21 and Station 36+76.	
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from north, center, and south pipelines using a 90° elbow pipe at each pipe outfall. The south outfall was located near Station 60+25 Range 0+57 and extended to Station 61+40 range 0+59 by the afternoon, pointed east. The center outfall was located near Station 60+20 Range -0+07 and extended to Station 61+25 range -0+31 by the afternoon, pointed east. The north outfall was located near Station 58+25 Range -1+16 and extended to Station 61+20 range -1+37 by the afternoon, pointed east. The slurry from the north, center, and south outfalls flowed east between the north and center containment dikes to the extent of the center containment dike at station 70+50. The beach fill then flowed between the north and south containment dikes to the extent of the south containment dike near Station 80+00 Range 5+20 where the fill runoff entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. Two bulldozers worked on stabilizing the south containment dike and extending the dike throughout the day. The dozers worked on extending the three pipelines as needed throughout the day. One marsh buggy worked on stabilizing and extending the north containment dike throughout the day.

3. Sand sample CH042 was taken at 8:20 near Station 60+00 Range 0+59 (N 29.31018° W 89.76623°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

4. The discharge sample appeared to have a higher percentage of silt than previous discharge samples.

5. Berm widths were not measured today because it is not possible to walk across the fill between stations 54+00 to 61+00, due to the consistency of the fill.

6. Small rock and shell can be heard flowing through the pipeline throughout the day.

7. The grade stake at station 53+40 range 0+13 remained in place uncovered approximately 1 foot down in the fill.

8. Beach fill between station 54+00 and station 60+60 was stacked to an elevation of approximately 6.5 feet to 7 feet NAVD. No grading of the beach fill has been conducted between station 53+40 and 60+60.

9. The northern sand fence has been put in place between station 29+22 and approximately station 31+00, and between station 33+42 and 37+92. A space has been left open where the shore pipeline is located.

10. The WMI DQCR has 2 dozers working on final beach fill grade, which had been previously completed for the placed fill. The 9/5 DQCR has 2 marsh buggies assisting with the beach fill and working in the marsh, but no marsh buggies were working on beach or marsh fill on 9/5. In the Tom James DDR there is missing information in the stripping column under "FILL INFORMATION".

DATE: September 6, 2006 OBSERVATION REPORT NO: 165

11. The dredge data showed vertical violations during the beach fill dredging on 9/5. The maximum vertical violation during dredging operations was approximately 5 feet below the permitted cut depth. All of the violations occurred at cut depth boundaries or at the end of the cutterhead swing.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Stanley Bordelon (ECS) stated that he was following the specs with the fence construction except at the end posts. "At the end of fence sections, two wraps of wiring shall be used at each fence wire and at the top and bottom." (TP-32.1) Stanley wants to use three wraps of wiring at the top and bottom fence wires, and not put any wire at the top and bottom of the fence since it so close to the top and bottom fence wires. The fence overlaps were 6 inches and tied with wire in four places: top, bottom, middle top, and middle bottom with 3 wraps of wire (TP 32.2.2.4). The fence posts were placed 10 feet apart as specified in TP-32.2.1. Stanley plans to discuss the end post wiring with the GOVERNMENT representatives and CPE representatives during the bi-weekly visit tomorrow (9/7).

2. The WMI survey crew stated that they had staked out the northern fence alignment to station 38+88 from the western end, where the pay survey volumes submittal has been agreed upon.

3. The WMI survey crew stated that they placed the grade stakes for the pay profile lines (CG - lines) today from station 135+68 (CG28) to the eastern end of the project area. They stated that they were able to place the northern and southern dune crest grade stakes for these pay lines. They stated that not all of the grade stakes could be placed due to the location being too far offshore.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. Stanley Bordelon will request interpretation on the sand fence ties.

Wave condition at station 54+00.

North pipe outfall at station 61+20 range -1+37.

Center pipe outfall at station 61+25 range -0+31.

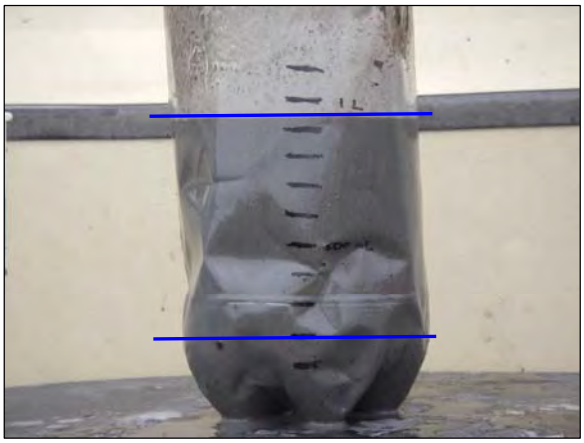
South pipe outfall at station 61+40 range 0+59.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

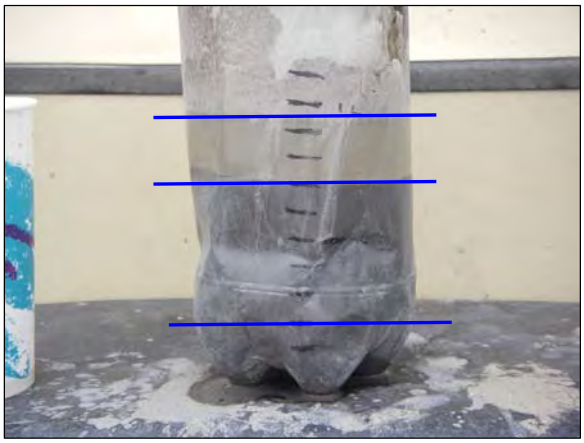
DATE: September 6, 2006 OBSERVATION REPORT NO: 165

Marsh buggy working on north containment dike near station 65+00.

Bulldozers working on placed beach fill.



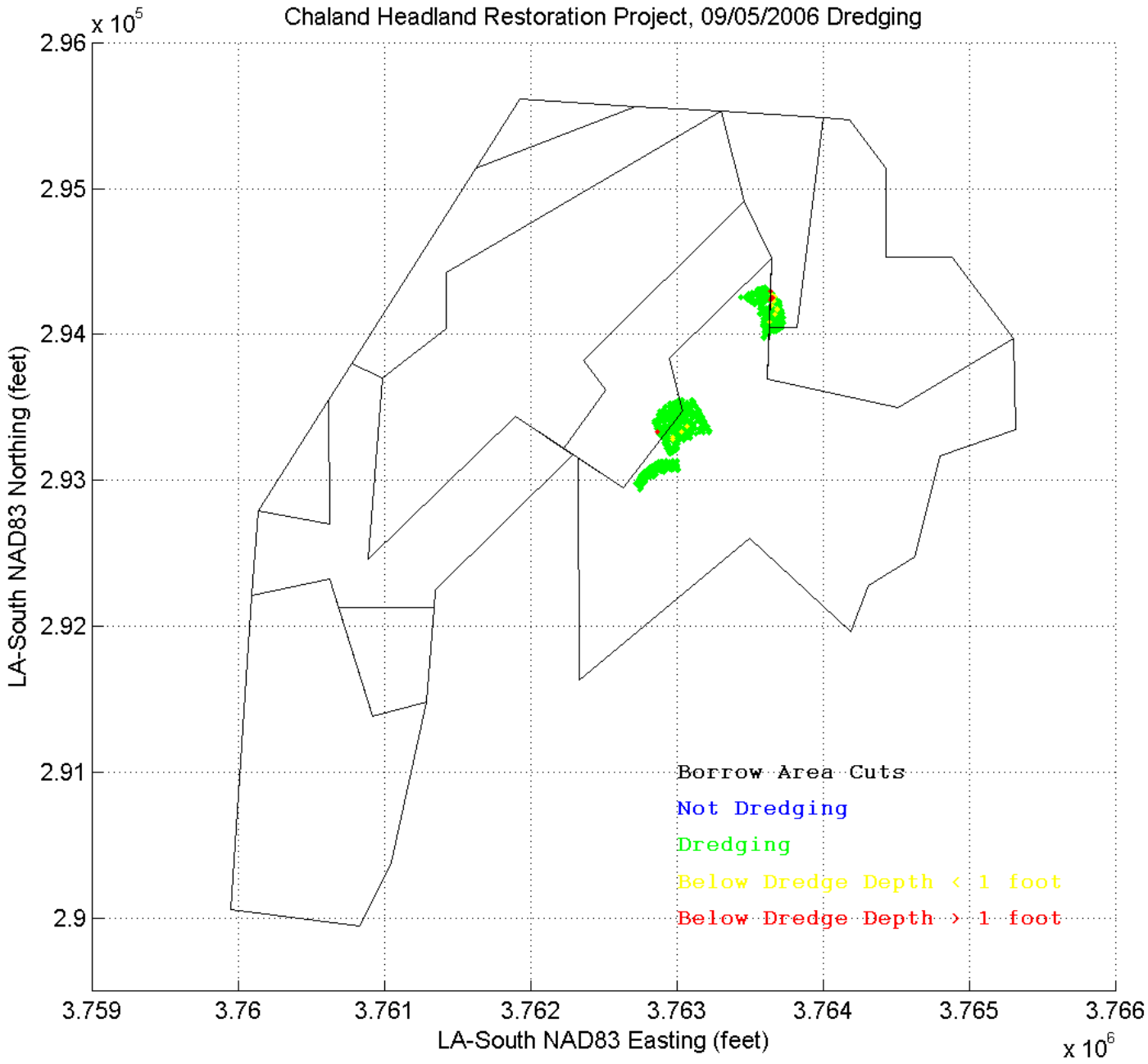
Discharge sample picture at 1:41 pm.



Discharge sample picture at 2:45 pm.

Fence posts lined up for the northern fence from station 33+42 to station 37+92.

Fence being put up from 33+42 to 37+92.


Chaland Headland Restoration Project, 09/05/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 7, 2006 | OBSERVATION REPORT NO: 166
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 296
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 11:30
13:00 | 14:00
19:00 | 20:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: N 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 65+00
CENTER OUTFALL LOCATION: Station 65+00
SOUTH OUTFALL LOCATION: Station 65+00
NORTH CONTAINMENT DIKE LOCATION: Station 70+00
SOUTH CONTAINMENT DIKE LOCATION: Station 80+00
OTHER CONTAINMENT DIKE LOCATION: Station 72+75
BEACH FILL AREA EXTENT LOCATION: Station 81+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	Observation #5
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 7, 2006 OBSERVATION REPORT NO: 166

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: South - between Station 27+71 and Station 32+21. Fence location: South - between Station 27+71 and Station 32+21.	Yes	Observation #4
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 65+00 Range -1+37 and pointed east. The center outfall was located near Station 65+00 Range -0+12 and pointed east. The south outfall was located near Station 65+00 Range 0+63 and pointed east. The slurry from the north, center, and south outfalls flowed east between the north and center containment dikes to Station 72+75. Near Station 72+75 the slurry flowed along the south containment dike to the extent of beach fill near Station 81+00 Range 5+20 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The center containment dike extended along the southern extent of the dune crest between Station 65+00 and Station 72+75 and had a crest elevation of approximately 6 feet NAVD. Near Station 72+75 the south containment dike was located approximately 100 feet south of the southern extent of the dune crest and extended to Station 80+00 Range 5+00 with a crest elevation of approximately 4 feet NAVD. The north containment dike extended along the northern extent of the dune crest between Station 65+00 and Station 70+00 and had a crest elevation of approximately 6 feet NAVD.

3. The Y-valves were moved east to Station 63+00 Range -1+00 and Station 63+25 Range -0+75.

4. Sand fence and fence posts were installed near Station 29+20. See discussion item #2.

5. Debris was observed on the beach and in the marsh creation area. Metal scraps were observed near Station 28+50 Range 0+00. A roll of geotextile fabric was observed near Station 9+84 Range -9+00. See discussion item #3.

6. The west end of the project site was visited between 10:00 and 11:30 with Gordon Thomson (CPE), Catherine Moran (CPE), Rachel Sweeney (NOAA), Barry Richard (DNR), George Boddie (DNR), Andy MacGinnis (Plaquemines Parish), and Aberdeen (Plaquemines Parish).

7. The east end of the project site was visited between 13:00 and 14:00 with Gordon Thomson (CPE), Catherine Moran (CPE), Rachel Sweeney (NOAA), Barry Richard (DNR), and George Boddie (DNR). Possible east end design modifications were discussed.

8. The Tom James cutterhead excavated below the newly permitted cut depth for less than three minutes on several occasions. During these intervals the Tom James cutterhead excavated an average of approximately 0.8 feet and a maximum of 3.1 feet below the newly permitted cut depth, which is an average of approximately 5.8 feet and a maximum of 8.1 feet below the originally permitted cut depth.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 7, 2006 OBSERVATION REPORT NO: 166

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gordon Thomson (CPE), Rachel Sweeney (NOAA), Barry Richard (DNR), George Boddie (DNR), Andy MacGinnis (Plaquemines Parish), Aberdeen (Plaquemines Parish), Gary Johnson (WMI), Paul Stewart (WMI), Chuck Broussard (WMI), Nate Johnson (WMI), and I participated in the bi-weekly meeting. Items discussed included: WMI Daily Quality Control Reports (DQCR), revised pay volumes for the recently submitted beach submittal, the revised cost proposal, methods of tying sand fence to the posts, the 9/1 construction schedule, and beach fill methodologies. These items are further discussed in the bi-weekly meeting minutes.

2. I spoke with Stanley Bordelon (ECS) about sand fence installation. Stanley stated that the short gap between the upper wire and the top of the sand fence and the lower wire and the bottom of the sand fence makes it redundant to wrap these areas with the tie wire in addition to the wraps around the fence wires at the sand fence overlaps as specified in Technical Provision 32.1. Stanley said that it is difficult for an ATV to cross between the 3 foot gaps at overlapping sections, specified in the drawings, and recommended a 6 foot gap to facilitate an easier ATV crossing.

3. I spoke with Gary Johnson (WMI) about debris observed on the beach and in the marsh creation area. Gary stated that the debris will be removed.

4. I spoke with Barry Richard (DNR) about standing water in the marsh creation area. Barry stated that he is concerned about water drainage out of the marsh creation area and asked me to pay attention to the water level in the marsh creation area.

5. I spoke with Jason Manthey (NOAA) about WMI pay applications for fiscal year 2006. Jason stated that if WMI wants to receive payment in fiscal year 2006 the pay application must be received by the government no later than 9/11. I spoke with Gary Johnson (WMI) about the pay applications for fiscal year 2006 payment. Gary stated that he planned on hand delivering the pay application to Jason today but gave it to Rachel since Jason did not attend the bi-weekly meeting.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. According to Technical Provision 32.1 "At the end of fence sections, two wraps of wiring shall be used at each fence wire and at the top and bottom." The upper and lower fence wires are near the extremities of the wood slats making fence wire attachments at the top and bottom of the sand fence redundant. A field adjustment report will be submitted to waive the wraps of wiring at the top and bottom of the wood slats on the sand fence overlaps.

North outfall near Station 65+00 Range -1+37.

Standing water in the marsh creation area near Station 43+72.

DATE: September 7, 2006 OBSERVATION REPORT NO: 166

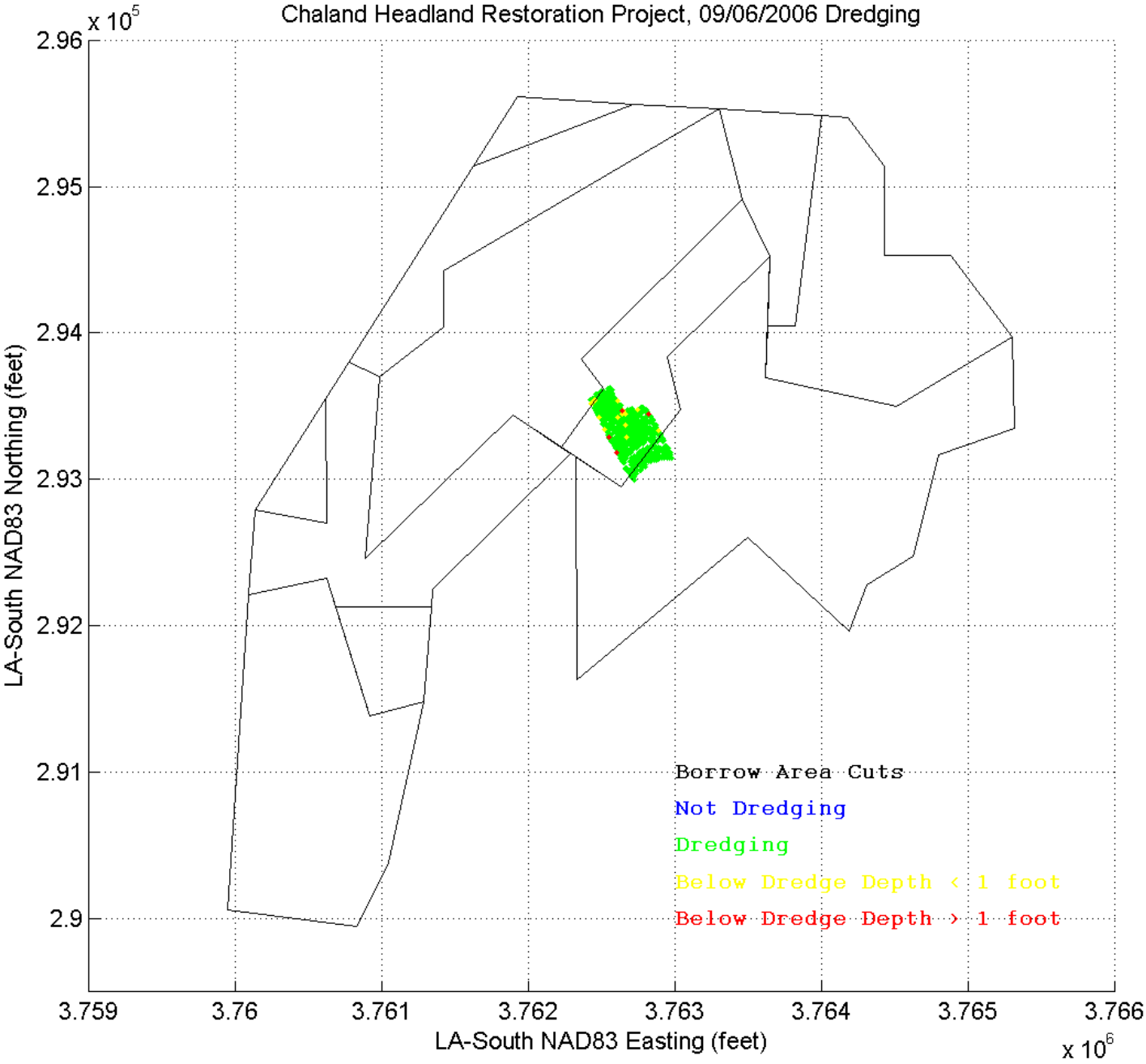
Sand fence attached to a post with three attachment points.

Sand fence post attachment wrapping.

Sand fence post installation.

Metal wire protruding from the beach fill near Station 28+00 Range 0+00.

Geotextile fabric near Station 9+84 Range -9+00.


Chaland Headland Restoration Project, 09/06/2006 Dredging
x 10^5
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3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 8, 2006 | OBSERVATION REPORT NO: 167
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 297
ARRIVAL TIME: 12:30 | DEPARTURE TIME: 16:00
18:00 | 19:45

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	SSE 0'-1'
WIND SPEED AND DIRECTION:	ENE 10-15 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 67+50, Station 69+25
CENTER OUTFALL LOCATION:	Station 67+00, Station 69+25
SOUTH OUTFALL LOCATION:	Station 67+40
NORTH CONTAINMENT DIKE LOCATION:	Station 72+75
SOUTH CONTAINMENT DIKE LOCATION:	Station 80+00
OTHER CONTAINMENT DIKE LOCATION:	Station 75+00
BEACH FILL AREA EXTENT LOCATION:	Station 81+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH043, Sta. 73+25 Ra. 0+90 (N 29.31057° W 89.76305°), 15:09		Observation #9
20.	Has a discharge sample been collected?	Yes	Observation #10
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 8, 2006 OBSERVATION REPORT NO: 167

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: South - between Station 27+71 and Station 19+21. Post location: North - between Station 16+02 and Station 29+32. Fence location: South - between Station 27+71 and Station 19+21. Fence location: North - between Station 16+02 and Station 21+82.	Yes	Observation #3
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 67+50 Range -1+44 and pointed east. The center outfall was located near Station 67+00 Range -0+16 and pointed east. The south outfall was located near Station 67+40 Range 0+44 and pointed east. The slurry from the north, center, and south outfalls flowed east between the north and center containment dikes to Station 77+60. Near Station 77+60 the slurry split and flowed north into the southern extent of Robinson Canal and flowed southeast toward the extent of beach fill near Station 81+00 Range 5+20 where it entered the Gulf of Mexico. Localized turbidity plumes were not observed in the Gulf of Mexico near the extent of fill.

2. The north containment dike extended along the northern extent of the dune crest between Station 67+00 and Station 72+75 and had a crest elevation of approximately 7 feet NAVD. The center containment dike extended along the southern extent of the dune crest between Station 67+00 and Station 75+00 and had a crest elevation of approximately 7 feet NAVD. Near Station 75+00 the south containment dike was located approximately 100 feet south of the southern extent of the dune crest and terraced south to its extent near Station 80+00 Range 5+00 with a crest elevation of approximately 4 feet NAVD.

3. The south sand fence installed between Station 24+16 and Station 19+21 and the north sand fence installed between Station 16+02 and Station 21+82 is wrapped to the posts on both the top and bottom fence wires but is not wrapped around the center fence wire. See discussion item #1.

4. Various overlapping sections of the installed sand fence is wrapped around the slats at 4 of the 5 wire connections. This was observed after ECS left the project site for the day. This observation will be discussed with Stanley Bordelon (ECS) tomorrow morning.

5. A marsh buggy constructed a containment dike along the northern toe of the dune near Station 82+44. The containment dike along the northern toe of the dune extends between Station 77+60 and Station 82+44 with a crest elevation of approximately 6 feet NAVD.

6. A bulldozer maintained the 7 foot NAVD crest elevation of the center containment dike near Station 70+00.

7. A marsh buggy advanced the north containment dike east to Station 72+75.

8. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42. No rain has fallen since the marsh creation area filled with water on 9/6 and 9/7.

DATE: September 8, 2006 OBSERVATION REPORT NO: 167

9. Sand sample CH043 was taken near Station 73+25 Range 0+90 (N 29.31057° W89.76305°). The Munsell color of the representative sand sample taken at this location was 2.5Y-5/1 (Gray) and had an approximate grain size of 0.1 mm.

10. A sample of the discharge from the north outfall was taken at 13:25 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1.5 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 600 mL level, and the silt/sand interface was near the 250 mL level. After settling for 1.5 hours the water/air interface was near the 1000 mL level, the water/silt interface was near the 500 mL level, and the silt/sand interface was near the 250 mL level.

11. On 9/7 the Tom James cutterhead excavated approximately 5 feet outside the horizontal limits of the borrow area six times. Excluding these occasions the Tom James cutterhead excavated below the newly permitted cut depth for less than 5 minutes on several occasions. The Tom James cutterhead excavated an average of approximately 0.4 feet and a maximum of 2.3 feet below the newly permitted cut depth, which is an average of approximately 5.4 feet and a maximum of 7.3 feet below the originally permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Stanley Bordelon (ECS) about the installed sand fence with wraps around the posts at only the top and bottom wires of the fence. Stanley stated that after the sand fence is attached to all posts and is standing the ECS crew will go back and wrap the center fence wire to the posts. Stanley said that when wrapping all three wires he was progressing too far ahead with the post installation that he could not keep an eye on the fence installation work crew.

2. I spoke with Gary Johnson (WMI) about his weekend leave. Gary stated that Paul Stewart (WMI) will be the superintendent in his absence. Gary said that he will be returning on Monday.

3. I spoke with Gary Johnson (WMI) about the beach fill progress. Gary stated that daily advancements of approximately 500 feet are being achieved now that the beach fill appears to be stacking better. Gary said that the outfalls should extend past Station 77+60 before dredging operations switch to overburden removal/marsh creation.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 67+50 Range -1+44.

Center outfall near Station 67+00 Range -0+16.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 8, 2006 OBSERVATION REPORT NO: 167

South outfall near Station 67+40 Range 0+44.

North fence post installation near Station 28+00.

North sand fence installation near Station 20+00.

Bulldozer maintaining the center containment dike near Statior 70+00.

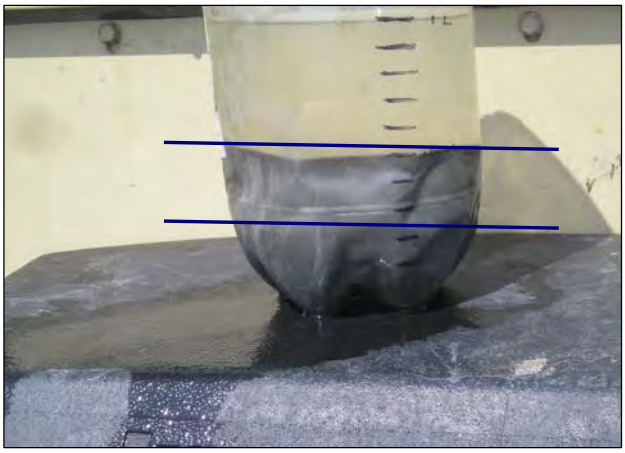
Marsh buggy advancing the north containment dike east near Station 72+75.

Marsh buggy constructing a containment dike along the northern toe of the dune near Station 82+44.

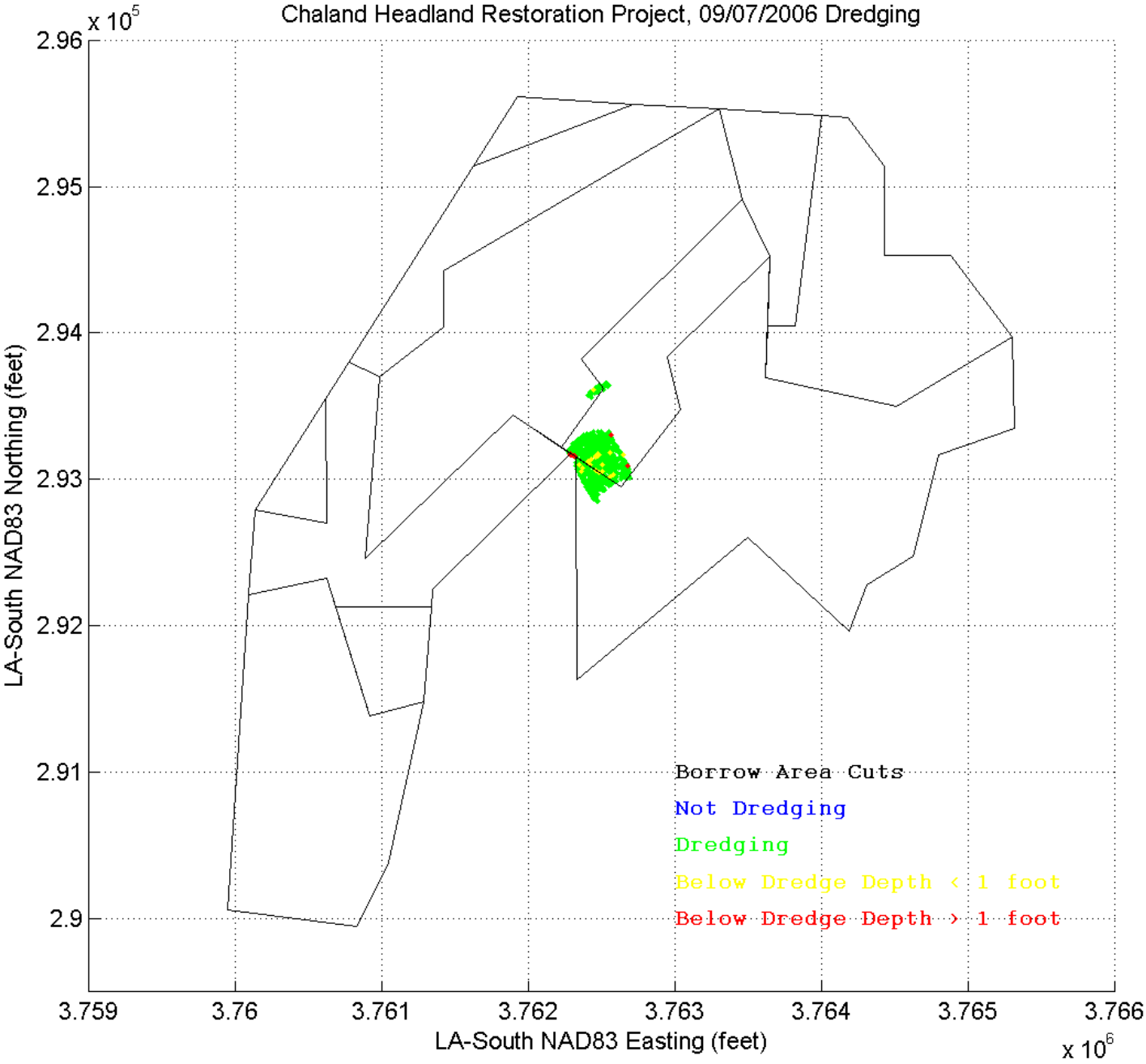
DATE: September 8, 2006 OBSERVATION REPORT NO: 167

Standing water in the marsh creation area near Station 43+72.

Gulf of Mexico wave conditions near Station 67+00.



Discharge sample after settling for 1.5 hours. The blue lines are used to show sand, silt, and water interfaces.


Chaland Headland Restoration Project, 09/07/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 9, 2006 | OBSERVATION REPORT NO: 168
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 298
ARRIVAL TIME: 11:00 | DEPARTURE TIME: 13:30
16:45 | 19:00

WEATHER CONDITIONS:	Overcast and Rain
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	E 10-15 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 69+25
CENTER OUTFALL LOCATION:	Station 69+25
SOUTH OUTFALL LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE LOCATION:	Station 72+75
SOUTH CONTAINMENT DIKE LOCATION:	Station 82+00
OTHER CONTAINMENT DIKE LOCATION:	Station 75+00
BEACH FILL AREA EXTENT LOCATION:	85+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #10

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH044, Sta. 71+00 Ra. 0+90 (N 29.31055° W 89.76282°), 11:58		Observation #8
20.	Has a discharge sample been collected?	Yes	Observation #9
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 9, 2006 OBSERVATION REPORT NO: 168

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Accepted section has been completed. Fence location: North - between Station 21+82 and Station 29+52.	Yes	Discussion #2
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 69+25 Range -0+84 and pointed east. The center outfall was located near Station 69+25 Range -0+14 and pointed east. The south outfall was located near Station 70+00 Range 0+20 and pointed east. The slurry from the north, center, and south outfalls flowed east between the north and center containment dikes to Station 75+00. Near Station 75+00 the slurry flowed southeast toward the south containment dike. The slurry then traveled along the south containment dike to the extent of beach fill near Station 85+00 Range 5+50 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The north containment dike extended along the northern extent of the dune crest between Station 69+00 and Station 72+75 and had a crest elevation of approximately 7 feet NAVD. The center containment dike extended along the southern extent of the dune crest between Station 70+00 and Station 75+00 and had a crest elevation of approximately 7 feet NAVD. Near Station 75+00 the south containment dike was located approximately 100 feet south of the southern extent of the dune crest and terraced south to its extent near Station 82+00 Range 5+00 with a crest elevation of approximately 4 feet NAVD.

3. Various sections of the sand fence was wrapped to the posts on both the top and bottom fence wires but was not wrapped around the center fence wire. Various overlapping sections of the installed sand fence was wrapped around the slats at 4 of the 5 wire connections. Technical Provision 32.1 states that "The slatted wood fencing shall be wired to the posts at the top, middle, and bottom. The wire shall be corrosion resistant and affixed with no less than three (3) tie clips around the posts. At the end of fence sections, two wraps of wiring shall be used at each fence wire and at the top and bottom." Field Adjustment Report GGT-006 waives the requirement of placing two wraps of wiring at the top and bottom of overlapping fence sections. See discussion item #1.

4. A marsh buggy constructed a containment dike along the northern toe of the dune near Station 106+64. The containment dike along the northern toe of the dune extends between Station 77+60 and Station 106+64 with a crest elevation of approximately 6 feet NAVD.

5. Two bulldozers maintained the 4 foot NAVD crest elevation of the south containment dike between Station 77+60 and Station 80+00.

6. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42. The last rainfall at the project site was early this morning.

7. The WMI survey crew checked grade and replaced as necessary near Station 58+00.

DATE: September 9, 2006 OBSERVATION REPORT NO: 168

8. Sand sample CH044 was taken near Station 71+00 Range 0+90 (N 29.31055° W89.76282°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

9. A sample of the discharge from the north outfall was taken at 11:40 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 950 mL level, and the silt/sand interface was near the 100 mL level. No change was observed after the sample settled for 1 hour.

10. On 9/8 the Tom James cutterhead excavated below the newly permitted cut depth between 2:25 and 3:02. During this interval the Tom James excavated an average of approximately 0.5 feet and a maximum of 3.0 feet below the newly permitted cut depth, which is an average of approximately 5.5 feet and a maximum of 8.0 feet below the originally permitted cut depth. Excluding this interval the Tom James cutterhead excavated below the newly permitted cut depth for less than 3 minutes on several occasions. The Tom James cutterhead excavated an average of approximately 0.4 feet and a maximum of 2.3 feet below the newly permitted cut depth, which is an average of approximately 5.4 feet and a maximum of 7.3 feet below the originally permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Stanley Bordelon (ECS) about the installed sand fence with wraps around the posts at only the top and bottom wires of the fence and the overlapping sections of the installed sand fence wrapped around 4 of the 5 wire connections. Stanley stated that he will inspect the installed sand fence to ensure that it is installed per project specifications.

2. I spoke with Stanley Bordelon (ECS) about the sand fence operations. Stanley stated that post installation of the accepted beach section is complete and the sand fence installation will be completed today. Stanley said that he will inspect the fencing today and correct any deficiencies before leaving the project site.

3. I spoke with Jason Manthey (NOAA) about the WMI Daily Quality Control Reports (DQCR). Jason stated that the 9/8 WMI DQCR states that the bulldozers performed a final grade on the beach. Jason said that this information was not provided in the 9/8 CPE observation report. I spoke with Nate Johnson (WMI) about the final grading of the beach stated in the 9/8 WMI DQCR. Nate stated that the bulldozers were grading at night between Station 38+88 and Station 53+40.

4. I spoke with Jason Manthey about the equipment data inconsistencies within the WMI Daily Quality Control Reports (DQCR). Jason and I determined that a single listing of equipment data should be sufficient. I spoke with Nate Johnson (WMI) about the equipment data inconsistencies. I informed Nate that Jason and I both feel that this data is redundant and is not needed in both the work performed and equipment data sections. Nate stated that this has been the standard but from now on the equipment data will be placed only under item #3, equipment data.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 69+25 Range -0+84.

Center outfall near Station 69+25 Range -0+14.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

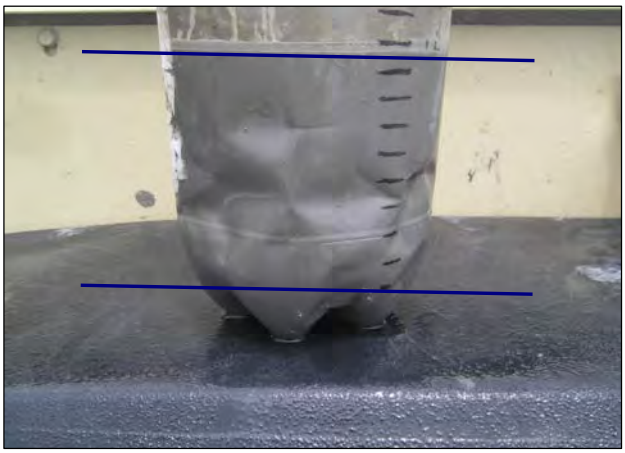
DATE: September 9, 2006 OBSERVATION REPORT NO: 168

South outfall near Station 70+00 Range 0+20.

North sand fence installation near Station 27+50.

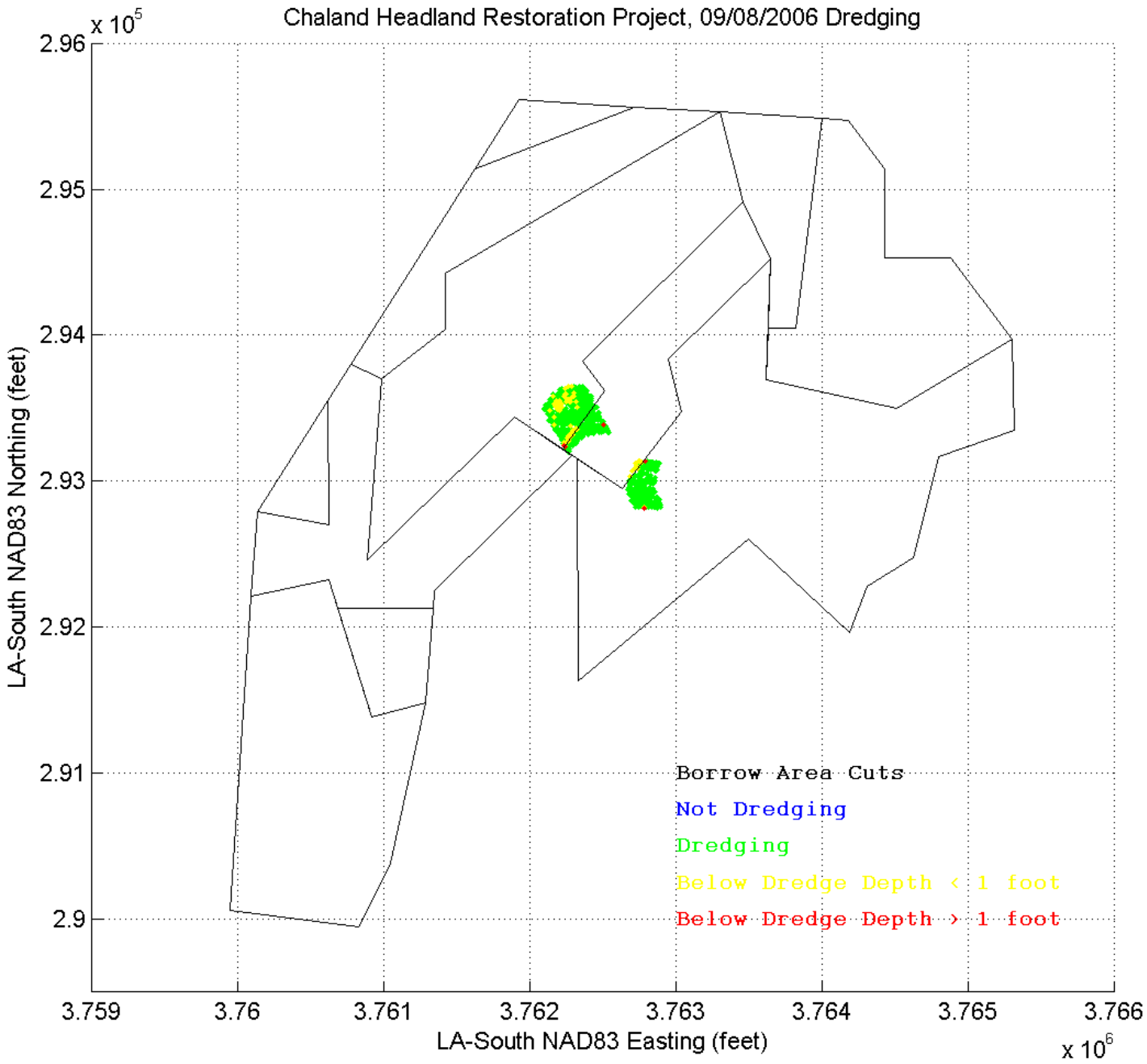
WMI survey crew replacing grade near Station 58+00.

Standing water in the marsh creation area near Station 43+72.



Discharge sample after settling for 1 hour. The blue lines are used to show sand, silt, and water interfaces.

Gulf of Mexico wave conditions near Station 70+00.


Chaland Headland Restoration Project, 09/08/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 10, 2006 | OBSERVATION REPORT NO: 169
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 299
ARRIVAL TIME: 12:30 | DEPARTURE TIME: 15:30
18:30 | 19:30

WEATHER CONDITIONS:	Overcast and Rain
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	ENE 0-5 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 69+25
CENTER OUTFALL LOCATION:	Station 69+25
SOUTH OUTFALL LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE LOCATION:	Station 75+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 85+00
OTHER CONTAINMENT DIKE LOCATION:	Station 77+60
BEACH FILL AREA EXTENT LOCATION:	Station 87+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Incomplete Daily Dredge Report		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #9

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH045, Sta. 69+45 Ra. -0+75 (N 29.31105° W 89.76325°), 13:29		Observation #6
20.	Has a discharge sample been collected?	Yes	Observation #7
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 10, 2006 OBSERVATION REPORT NO: 169

24.	Are grading and dressing operations of completed fill sections being conducted? Location: South dune slope near Station 63+08.	Yes	Observation #3
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 69+25 Range -0+84 and pointed east. The center outfall was located near Station 69+25 Range -0+14 and pointed east. The south outfall was located near Station 70+00 Range 0+20 and pointed east. The slurry from the north, center, and south outfalls flowed northeast to the extent of the north containment dike near Station 75+00. Near Station 75+00 the slurry flowed southeast toward the south containment dike. The slurry then traveled along the south containment dike to the extent of beach fill near Station 87+00 Range 5+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The north containment dike extended along the northern extent of the dune crest between Station 69+00 and Station 75+00 and had a crest elevation of approximately 7 feet NAVD. The center containment dike, located 100 feet south of the southern extent of the dune crest, extended between Station 70+00 and Station 77+60 and had a crest elevation of approximately 7 feet NAVD. Near Station 77+60 the south containment dike, with a crest elevation of approximately 4 feet NAVD, was located approximately 200 feet south of the southern extent of the dune crest and terraced south to its extent near Station 85+00 Range 5+00.

3. A bulldozer graded the south slope of the dune near Station 63+08.

4. A bulldozer transported equipment and fuel tanks to Station 101+80.

5. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42. The last rainfall at the project site was this morning.

6. Sand sample CH045 was taken near Station 69+45 Range -0+75 (N 29.31105° W89.76325°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

7. A sample of the discharge from the center outfall was taken at 13:20 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 1000 mL level, and the silt/sand interface could not be distinguished. No change was observed after the sample settled for 1 hour.

8. The 9/9 WMI Daily Dredge Report (DDR) was incomplete. The 9/9 WMI DDR did not state the outfall end location.

DATE: September 10, 2006 OBSERVATION REPORT NO: 169

9. On 9/9 the Tom James cutterhead excavated below the newly permitted cut depth between 0:03 and 1:51. During this interval the Tom James excavated an average of approximately 0.2 feet and a maximum of 1.1 feet below the newly permitted cut depth, which is an average of approximately 5.2 feet and a maximum of 6.1 feet below the originally permitted cut depth. Excluding this interval the Tom James cutterhead excavated below the newly permitted cut depth for less than 5 minutes on several occasions. The Tom James cutterhead excavated an average of approximately 0.7 feet and a maximum of 3.4 feet below the newly permitted cut depth, which is an average of approximately 5.7 feet and a maximum of 8.4 feet below the originally permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about boat transportation for the observer. Paul stated that the boat dedicated for the observer is experiencing throttle problems. Paul said that he would make the boat dedicated for the superintendent available or provide transportation to facilitate construction observations.

2. I spoke with Paul Steward (WMI) about dredge operations. Paul stated that sand dredging operations will continue thru Thursday and then marsh fill operations will resume.

3. I spoke with Nate Johnson (WMI) about WMI Daily Quality Control Report (DQCR) formatting. Nate stated that he was experiencing difficulties with the formatting of the PDF created from the Microsoft Excel worksheet. I provided Nate with Microsoft Excel formatting tips. Nate stated that he will likely resume sending the WMI DQCR in Microsoft Excel format rather than in PDF format to avoid WMI DQCR formatting errors.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 69+25 Range -0+84.

Center outfall near Station 69+25 Range -0+14.

South outfall near Station 70+00 Range 0+20.

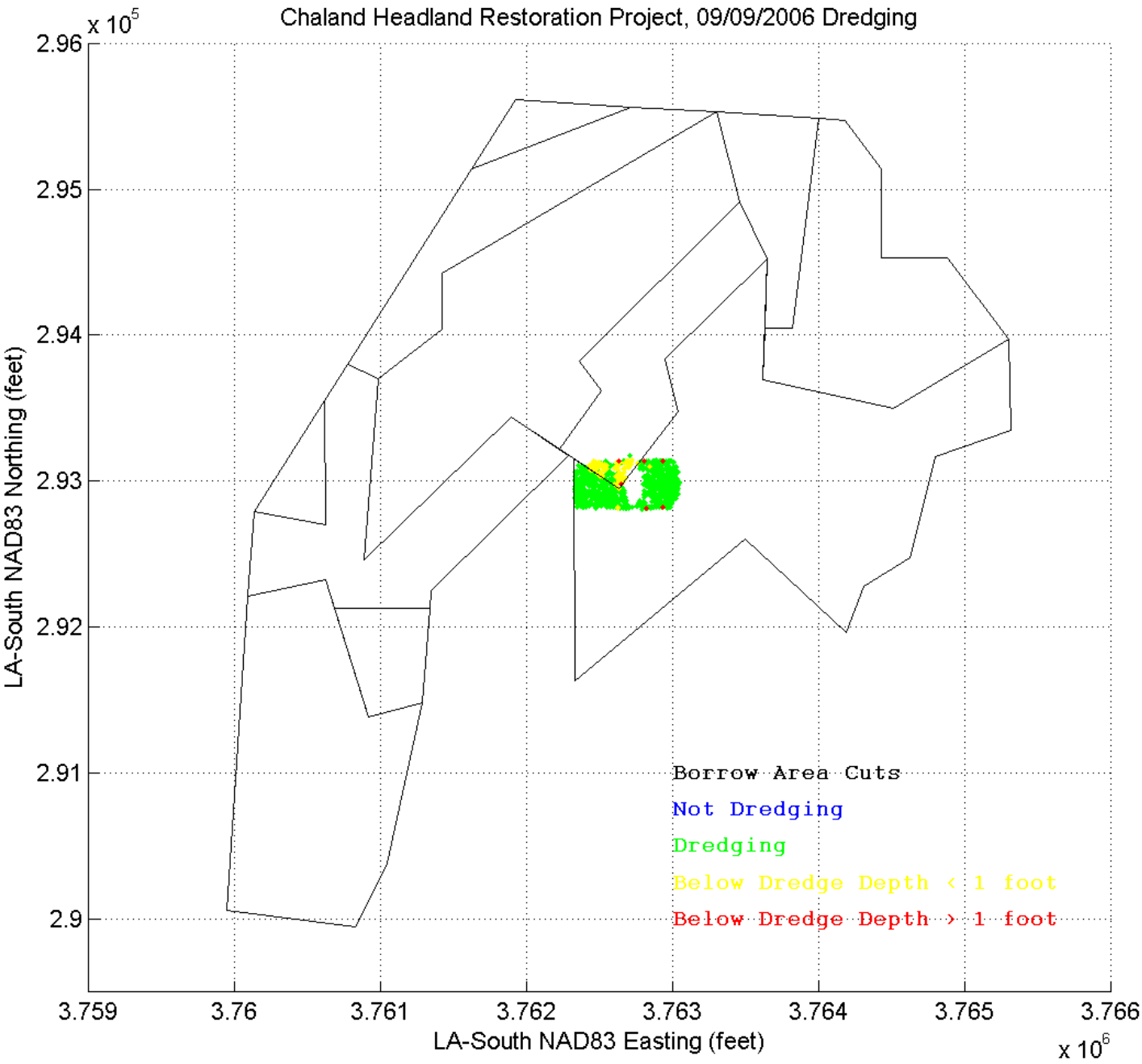
Bulldozer grading the south slope of the dune near Station 63+08

DATE: September 10, 2006 OBSERVATION REPORT NO: 169

Standing water in the marsh creation area near Station 43+72.

Gulf of Mexico wave conditions near Station 70+00.

Discharge sample after settling for 1 hour.


Chaland Headland Restoration Project, 09/09/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 11, 2006 | OBSERVATION REPORT NO: 170
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 300
ARRIVAL TIME: 14:00 | DEPARTURE TIME: 17:00
18:30 | 19:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	S 0-5 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 69+25
CENTER OUTFALL LOCATION:	Station 69+25
SOUTH OUTFALL LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE LOCATION:	Station 75+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 85+00
OTHER CONTAINMENT DIKE LOCATION:	Station 77+60
BEACH FILL AREA EXTENT LOCATION:	Station 87+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies in DQCR and incomplete DDR.		Observation #9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #10

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH046, Sta. 71+00 Ra. -1+80 (N 29.31130° W 89.76292°), 15:16		Observation #7
20.	Has a discharge sample been collected?	Yes	Observation #8
21.	Does the material appear to meet technical requirements?	No	Observation #7
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 11, 2006 OBSERVATION REPORT NO: 170

24.	Are grading and dressing operations of completed fill sections being conducted? Location: South dune slope near Station 63+08.	Yes	Observation #4
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 69+25 Range -0+84 and pointed east. The center outfall was located near Station 69+25 Range -0+14 and pointed east. The south outfall was located near Station 70+00 Range 0+20 and pointed east. The slurry from the north, center, and south outfalls flowed northeast to the extent of the north containment dike near Station 75+00. Near Station 75+00 the slurry flowed southeast toward the south containment dike. The slurry then traveled along the south containment dike to the extent of beach fill near Station 87+00 Range 5+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The north containment dike extended along the northern extent of the dune crest between Station 69+00 and Station 75+00 and had a crest elevation of approximately 7 feet NAVD. The center containment dike, located 100 feet south of the southern extent of the dune crest, extended between Station 70+00 and Station 77+60 and had a crest elevation of approximately 7 feet NAVD. Near Station 77+60 the south containment dike, with a crest elevation of approximately 4 feet NAVD, was located approximately 200 feet south of the southern extent of the dune crest and terraced south to its extent near Station 85+00 Range 5+00.

3. The fill elevation near the outfalls was approximately 6 feet NAVD. Approximately 0.5 feet of silty water covered the beach fill near the outfalls.

4. A bulldozer graded the south slope of the dune near Station 63+08.

5. Two bulldozers maintained the 4 foot NAVD crest elevation of the south containment dike near Station 83+00.

6. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42. The last rainfall at the project site was yesterday morning.

7. Sand sample CH046 was taken near Station 71+00 Range -1+80 (N 29.31130° W 89.76292°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm. The sand sample appears to have a higher percentage of silt than previous samples.

8. A sample of the discharge from the north outfall was taken at 15:05 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 1000 mL level, and the silt/sand interface could not be distinguished. No change was observed after the sample settled for 1 hour. Clay balls were observed on the 2-liter bottle after removing it from the discharge.

DATE: September 11, 2006 OBSERVATION REPORT NO: 170

9. a) Inconsistencies were observed in the 9/10 WMI Daily Quality Control Report. The 9/10 WMI DQCR item #1, work performed, stated that ECS was on standby until more fence is ready for installation while item #3, equipment data, states that ECS equipment was operating.

   b) The 9/10 WMI Daily Dredge Report (DDR) was incomplete. The 9/10 WMI DDR did not state the outfall end location.

10. On 9/10 the Tom James cutterhead excavated below the newly permitted cut depth for less than 2 minutes on several occasions. The Tom James cutterhead excavated an average of approximately 1.4 feet and a maximum of 2.5 feet below the newly permitted cut depth, which is an average of approximately 6.4 feet and a maximum of 7.5 feet below the originally permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that sand dredging will continue through Friday. Paul said that given good material below the originally permitted cut depth, sand dredging could continue through Saturday. Paul stated that marsh creation operations will resume on either Saturday or Sunday after all uncovered sand has been dredged.

2. I spoke with Paul Stewart (WMI) and Nate Johnson (WMI) about marsh survey data. Nate stated that the most recent marsh survey was conducted on 8/22 and 8/23.

3. I spoke with Jason Manthey (NOAA) about the 9/9 WMI Daily Quality Control Report (DQCR). Jason stated that he never received the 9/9 WMI DQCR. I spoke with Nate Johnson (WMI) about the submission of the 9/9 WMI DQCR. Nate stated that he submitted the 9/9 WMI DQCR today with the 9/10 WMI DQCR.

4. I spoke with Jason Settle (WMI) about the Tom James riser positions. Jason stated that the riser was moved once since the beginning of the project. Jason provided the original riser coordinates (Easting = 3762242, Northing = 293256). Jason stated that he does not have the current coordinates of the riser but will provide them tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 69+25 Range -0+84.

Center outfall near Station 69+25 Range -0+14.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

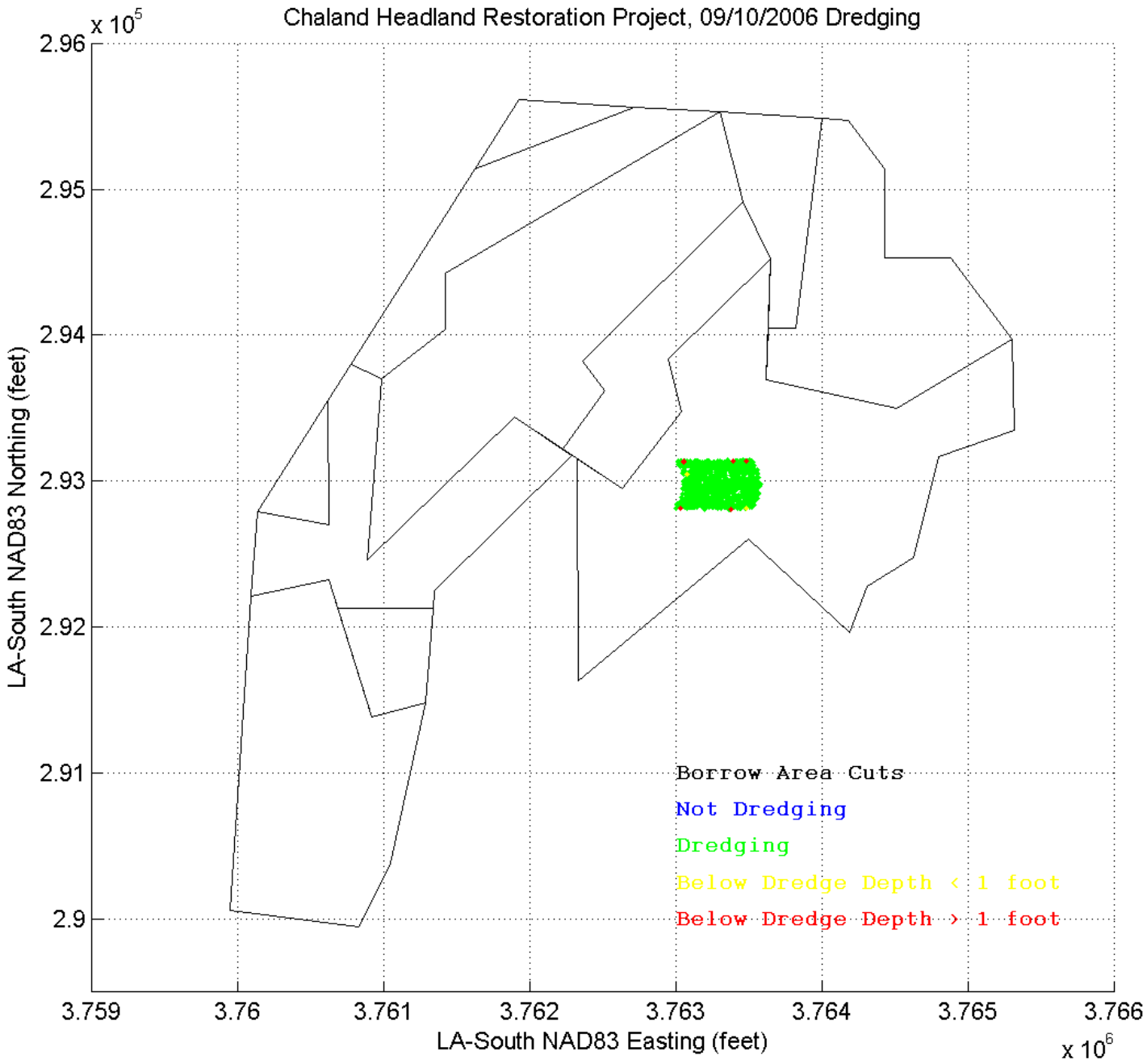
DATE: September 11, 2006 OBSERVATION REPORT NO: 170

South outfall near Station 70+00 Range 0+20.

Standing water in the marsh creation area near Station 43+72.

Discharge sample after settling for 15 minutes.

Gulf of Mexico wave conditions near Station 70+00.


Chaland Headland Restoration Project, 09/10/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 12, 2006 | OBSERVATION REPORT NO: 171
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 301

ARRIVAL TIME:	8:30	DEPARTURE TIME:	11:30
	15:00		17:00
	18:30		19:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	S 0-5 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 69+25
CENTER OUTFALL LOCATION:	Station 69+25
SOUTH OUTFALL LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE LOCATION:	Station 75+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 85+00
OTHER CONTAINMENT DIKE LOCATION:	Station 77+60
BEACH FILL AREA EXTENT LOCATION:	Station 87+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Incomplete DDR		Observation #11
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #12

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH047, Sta. 70+00 Ra. 0+95 (N 29.31055° W 89.76300°), 9:39		Observation #9
20.	Has a discharge sample been collected?	Yes	Observation #10
21.	Does the material appear to meet technical requirements?	No	Observation #9
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 12, 2006 OBSERVATION REPORT NO: 171

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 69+25 Range -0+84 and pointed east. The center outfall was located near Station 69+25 Range -0+14 and pointed east. The south outfall was located near Station 70+00 Range 0+20 and pointed east. The slurry from the north, center, and south outfalls flowed southeast to the extent of the center containment dike near Station 77+60. Near Station 77+60 the slurry flowed southeast toward the south containment dike. The slurry then traveled along the south containment dike to the extent of beach fill near Station 87+00 Range 5+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The north containment dike extended along the northern extent of the dune crest between Station 69+00 and Station 75+00 and had a crest elevation of approximately 7 feet NAVD. The center containment dike, located 100 feet south of the southern extent of the dune crest, extended between Station 70+00 and Station 77+60 and had a crest elevation of approximately 7 feet NAVD. Near Station 77+60 the south containment dike, with a crest elevation of approximately 4 feet NAVD, was located approximately 200 feet south of the southern extent of the dune crest and terraced south to its extent near Station 85+00 Range 5+00.

3. The fill elevation near the outfalls was approximately 6 feet NAVD. Approximately 0.5 feet of silty water covered the beach fill near the outfalls.

4. A marsh buggy cut through the marsh near Station 94+54 Range -9+00. RFI #7 approved a cut at Station 93+15 Range -10+16. See discussion item #1.

5. A marsh buggy maintained the 7 foot NAVD crest elevation of the north containment dike between Station 70+00 and Station 75+00.

6. A marsh buggy and the shore crew dismantled the PVC pipe that extended into the marsh creation area along the primary dike between Station 53+40 and Station 63+08. See discussion item #2.

7. Various sections of the sand fence was still wrapped to the posts on both the top and bottom fence wires but was not wrapped around the center fence wire. Various overlapping sections of the installed sand fence was still wrapped around the slats at 4 of the 5 wire connections. Technical Provision 32.1 states that "The slatted wood fencing shall be wired to the posts at the top, middle, and bottom. The wire shall be corrosion resistant and affixed with no less than three (3) tie clips around the posts. At the end of fence sections, two wraps of wiring shall be used at each fence wire and at the top and bottom." Field Adjustment Report GGT-006 waives the requirement of placing two wraps of wiring at the top and bottom of overlapping fence sections. See discussion item #3.

DATE: September 12, 2006 OBSERVATION REPORT NO: 171

8. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42. The last rainfall at the project site was early this morning.

9. Sand sample CH047 was taken near Station 70+00 Range 0+95 (N 29.31055° W 89.76300°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm. The sand sample appeared to have a higher percentage of silt than previous samples, similar to the silt content observed in the sand sample obtained yesterday.

10. A sample of the discharge from the north outfall was taken at 9:25 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 1000 mL level, and the silt/sand interface could not be distinguished. No change was observed after the sample settled for 1 hour. Clay balls were observed on the 2-liter bottle after removing it from the discharge.

11. The 9/11 WMI Daily Dredge Report (DDR) was incomplete. The 9/11 WMI DDR did not state the outfall end location.

12. On 9/11 the Tom James cutterhead excavated below the newly permitted cut depth for less than 3 minutes on several occasions. The Tom James cutterhead excavated an average of approximately 1.7 feet and a maximum of 3.3 feet below the newly permitted cut depth, which is an average of approximately 6.7 feet and a maximum of 8.3 feet below the originally permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the degradation of the marsh near Station 94+54 Range -9+00. Gary stated that a channel was cut through the lowest section of the marsh to facilitate flow of the marsh fill east such that a uniform fill is achieved.

2. I spoke with Gary Johnson (WMI) about the dismantling of the PVC marsh pipe. Gary stated that the PVC pipe is being prepared for repositioning. Gary said that the PVC pipe will be moved east such that the western extent of the pipe is near Station 80+00.

3. I spoke with Gary Johnson (WMI) about the sand fence deficiencies. Gary stated that he would make sure that the sand fence is installed per project specifications.

4. I spoke with Jason Settle (WMI) about the Tom James riser positions. Jason provided the original riser coordinates (Easting = 3762242.17, Northing = 293255.98) and the current riser coordinates (Easting = 3763624.06, Northing = 293334.24). Jason stated that he was not aboard the Tom James when the riser was moved; Jason said that he was not aboard the Tom James between 8/19 and 8/28. Jason stated that he checked the Daily Dredge Reports and the riser movement was not documented. Jason said that he would further investigate and follow-up with me shortly.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 69+25 Range -0+84.

Center outfall near Station 69+25 Range -0+14.

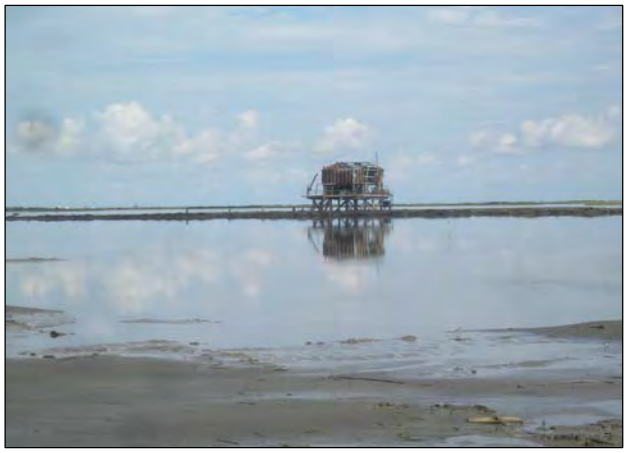
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 12, 2006 OBSERVATION REPORT NO: 171

South outfall near Station 70+00 Range 0+20.

Marsh buggy degrading marsh near Station 94+54 Range -9+00.

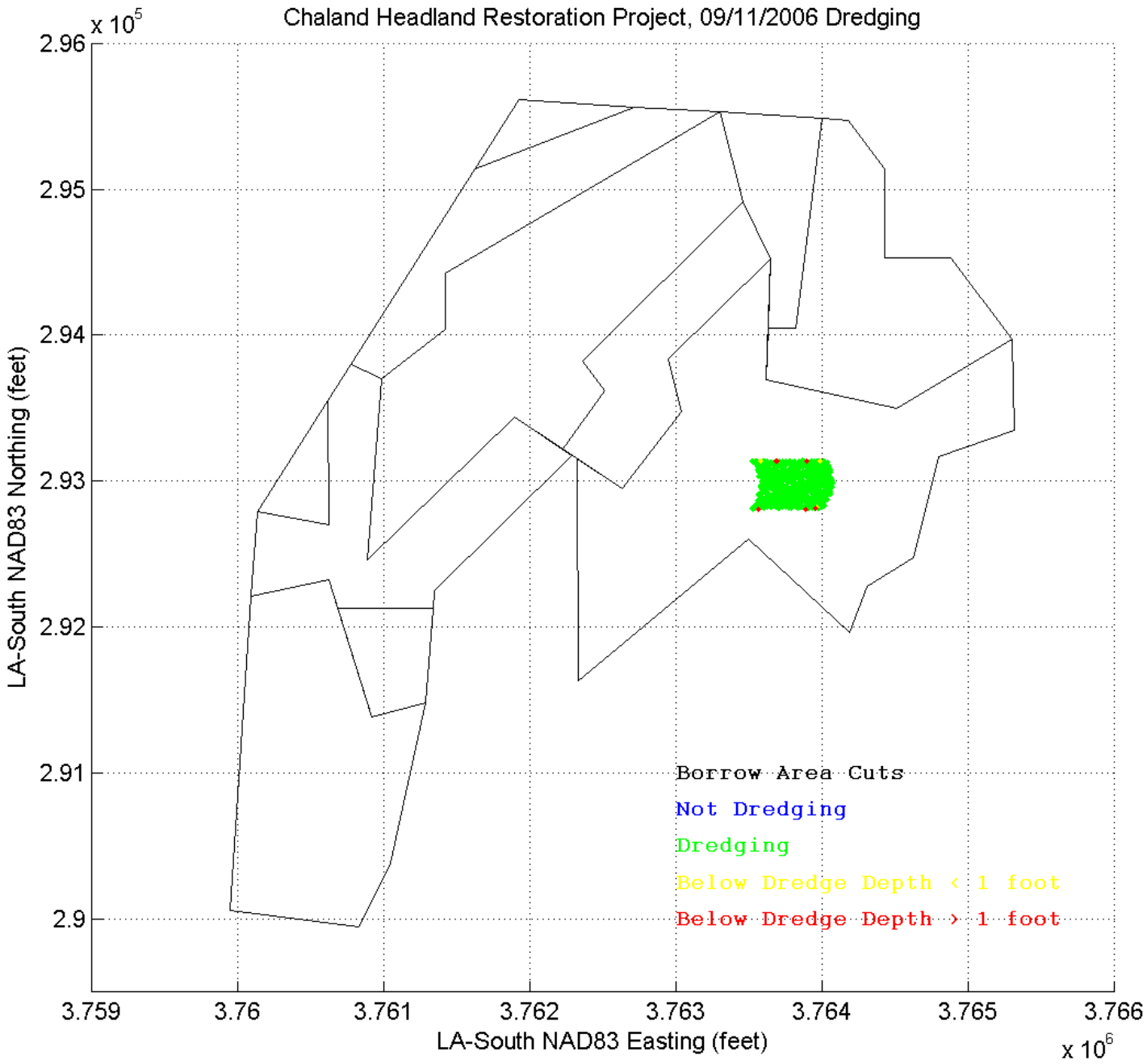
Dismantling of PVC marsh pipe near Station 58+23 Range -10+00.



Standing water in the marsh creation area near Station 43+72.

Discharge sample after settling for 15 minutes.

Gulf of Mexico wave conditions near Station 70+00.


Chaland Headland Restoration Project, 09/11/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 13, 2006 | OBSERVATION REPORT NO: 172
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 302
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 12:00
15:00 | 17:00
18:15 | 19:30

WEATHER CONDITIONS: Overcast
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: S 0-5 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 69+25
CENTER OUTFALL LOCATION: Station 69+25
SOUTH OUTFALL LOCATION: Station 70+00
NORTH CONTAINMENT DIKE LOCATION: Station 75+00
SOUTH CONTAINMENT DIKE LOCATION: Station 85+00
OTHER CONTAINMENT DIKE LOCATION: Station 77+60
BEACH FILL AREA EXTENT LOCATION: Station 87+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach - between Station 48+56 and Station 53+40.		Observation #5

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH048, Sta. 69+65 Ra. -0+90 (N 29.31108° W 89.76317°), 10:39		Observation #8
20.	Has a discharge sample been collected?	Yes	Observation #9
21.	Does the material appear to meet technical requirements?	No	Observation #8
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: North slope of the dune between Station 63+08 and Station 67+91.		Observation #4

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 13, 2006 OBSERVATION REPORT NO: 172

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 69+25 Range -0+84 and pointed east. The center outfall was located near Station 69+25 Range -0+14 and pointed east. The south outfall was located near Station 70+00 Range 0+20 and pointed east. The slurry from the north, center, and south outfalls flowed east to the extent of fill near Station 87+00 Range 5+00; no particular slurry flow direction was observed as the slurry covered the entire fill area. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The north containment dike extended along the northern extent of the dune crest between Station 69+00 and Station 75+00 and had a crest elevation of approximately 7 feet NAVD. The center containment dike, located 100 feet south of the southern extent of the dune crest, extended between Station 70+00 and Station 77+60 and had a crest elevation of approximately 7 feet NAVD. Near Station 77+60 the south containment dike, with a crest elevation of approximately 4 feet NAVD, was located approximately 200 feet south of the southern extent of the dune crest and terraced south to its extent near Station 85+00 Range 5+00.

3. The fill elevation near the outfalls was approximately 6 feet NAVD. Approximately 0.5 feet of silty water covered the beach fill near the outfalls.

4. A bulldozer graded the northern slope of the dune between Station 63+08 and Station 67+91.

5. The WMI survey crew checked grade and replaced grade stakes as necessary near Station 53+40. See discussion item #5.

6. The station number was clearly identified on all grade stakes inspected between Station 126+00 and Station 135+68. See discussion item #5.

7. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42. The last rainfall at the project site was early yesterday morning.

8. Sand sample CH048 was taken near Station 69+65 Range -0+90 (N 29.31108° W 89.76317°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm. The sand sample appeared to have a higher percentage of silts than samples collected west fo Station 60+00. The silt content appeared to be similar to the last 3 samples collected.

9. A sample of the discharge from the north outfall was taken at 10:25 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 1000 mL level, and the silt/sand interface could not be distinguished. No change was observed after the sample settled for 1 hour.

DATE: September 13, 2006 OBSERVATION REPORT NO: 172

10. a) Operating time inconsistencies were observed in the 9/12 WMI Daily Quality Control Report (DQCR). The 9/12 WMI DQCR states that the Tom James operated 23.15 hours while the 9/12 WMI Daily Dredge Report (DDR) states that the Tom James operated 22.67 hours.

    b) The 9//12 WMI Daily Dredge Report (DDR) was incomplete. The 9/12 WMI DDR did not state the outfall start location, outfall end location, or outfall advance.

11. On 9/12 the Tom James cutterhead excavated below the newly permitted cut depth for less than 1 minute on several occasions. The Tom James cutterhead excavated an average of approximately 1.2 feet and a maximum of 3.1 feet below the newly permitted cut depth, which is an average of approximately 6.2 feet and a maximum of 8.1 feet below the originally permitted cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the beach fill. Gary stated that the quality of the material being pumped to the beach is poor and the outfall has still not advanced. Gary said that the Tom James moved to a new cut location due to excavating all available material from the previous cut location. Gary stated that the quality of the material pumped to the beach from the new cut location is still poor.

2. I spoke with Gary Johnson (WMI) about planned dredge operations. Gary stated that sand will be pumped to the beach thru Friday or Saturday. Gary said that after all uncovered sand has been pumped to the beach overburden will then be pumped to the marsh creation area. Gary stated that overburden material will be pumped to the marsh during the day and the uncovered sand will be pumped to the beach at night. Gary said that marsh creation activities will resume until the next section of marsh has been filled. Gary stated that the next section of marsh extends from Station 77+60 to the eastern extent of the W-Canal (the spoil bank between Station 92+12 and Station 106+64).

3. I spoke with Gary Johnson (WMI) about the interaction of the marsh fill with the existing marsh plants. Gary stated that the marsh fill has uprooted the existing marsh plants in the marsh creation areas already filled. Gary said that he expects this reaction to occur throughout the marsh creation area during the marsh creation process.

4. I spoke with Nate Johnson (WMI) and Paul Stewart (WMI) about the WMI Daily Quality Control Reports (DQCR). Nate and Paul stated that they disagreed with comments submitted by Jason Manthey (NOAA), particularly comments on the final grading of the beach. Nate and Paul stated that they interpret final grading as any grading performed to achieve the design template. I spoke with Jason Manthey (NOAA) about this discrepancy. Jason stated that he interpreted final grading as grading performed after the beach template has been filled and prior to beach dressing. I informed Nate and Paul that it would be best to contact Jason and speak with him directly about any discrepancy regarding the WMI DQCR.

5. I spoke with Nate Johnson (WMI) about the day's survey activities. Nate stated that the WMI survey crew checked grade and replaced as necessary between Station 48+56 and Station 53+40. Nate said that the survey crew also clearly identified the station number on all grade stakes between Station 111+48 and Station 150+19.

6. I spoke with Nate Johnson (WMI) about the most recent check survey data. Nate stated that the most recent check survey was conducted on the beach between Station 40+00 and Station 53+40. Nate provided the check survey data in xyz format.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 13, 2006 OBSERVATION REPORT NO: 172

North outfall near Station 69+25 Range -0+84.

Center outfall near Station 69+25 Range -0+14.

South outfall near Station 70+00 Range 0+20.

Bulldozer grading the north slope of the dune near Station 67+91.

Beach fill area looking east from Station 69+00 Range 0+00.

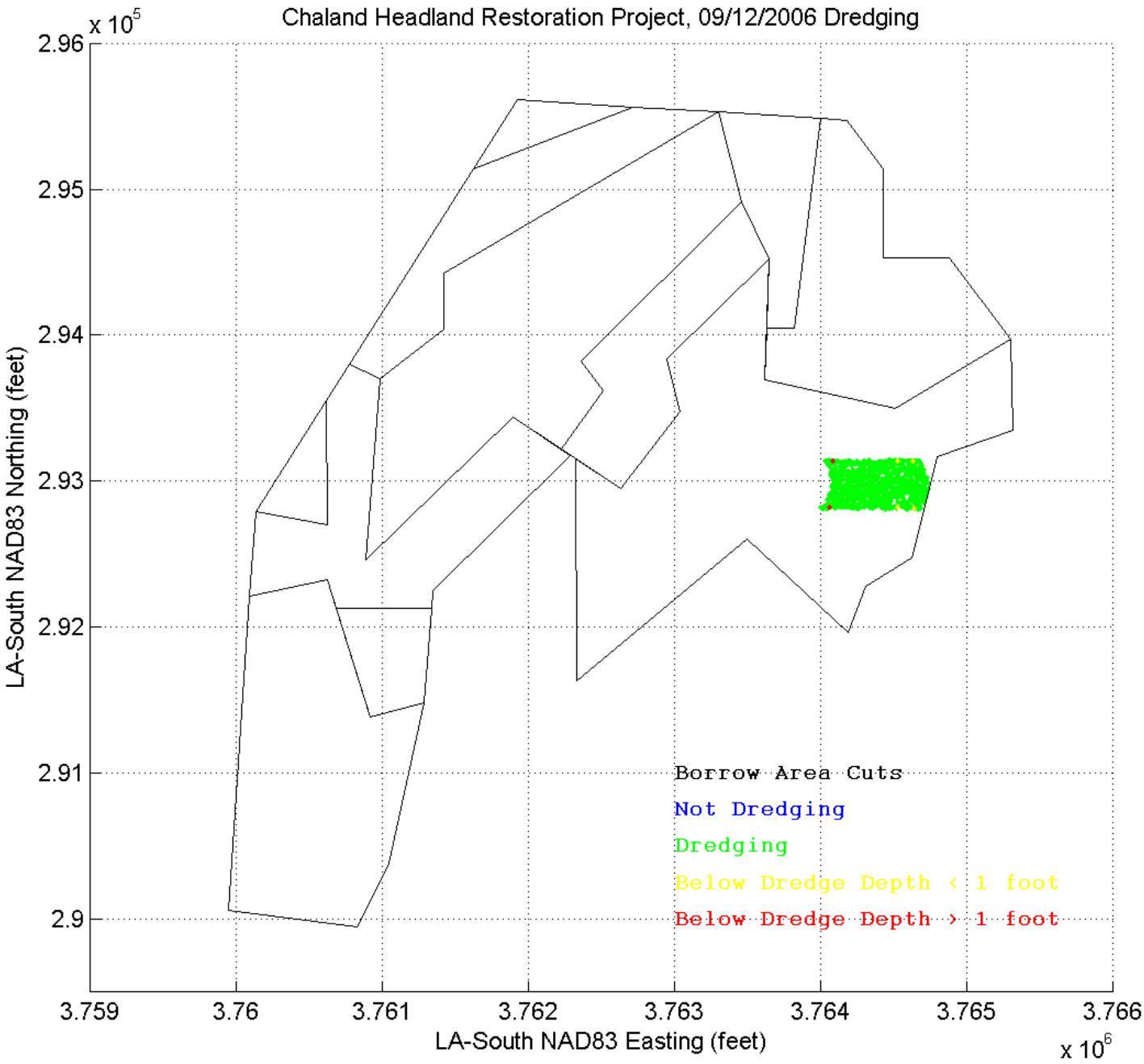
Standing water in the marsh creation area near Station 53+40.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: September 13, 2006 OBSERVATION REPORT NO: 172

Discharge sample after settling for 15 minutes.

Gulf of Mexico wave conditions near Station 70+00.


Chaland Headland Restoration Project, 09/12/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 14, 2006 | OBSERVATION REPORT NO: 173
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 303
ARRIVAL TIME: 9:00 | DEPARTURE TIME: 12:00
15:00 | 17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	N 0-5 mph
TEMPERATURE:	80°-95° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 70+12
CENTER OUTFALL LOCATION:	Station 70+10
SOUTH OUTFALL LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE LOCATION:	Station 75+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 85+00
OTHER CONTAINMENT DIKE LOCATION:	Station 77+60
BEACH FILL AREA EXTENT LOCATION:	Station 87+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #9

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH049, Sta. 69+90 Ra. -0+48 (N 29.31070° W 89.76315°), 10:10		Observation #6
20.	Has a discharge sample been collected?	Yes	Observation #7
21.	Does the material appear to meet technical requirements?	No	Observation #6
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 14, 2006 OBSERVATION REPORT NO: 173

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north, center, and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 70+12 Range -1+20 and pointed east. The center outfall was located near Station 70+10 Range -0+65 and pointed east. The south outfall was located near Station 70+00 Range 0+20 and pointed east. The slurry from the north, center, and south outfalls flowed east to the extent of fill near Station 87+00 Range 5+00; no particular slurry flow direction was observed as the slurry covered the entire fill area. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The north containment dike extended along the northern extent of the dune crest between Station 69+00 and Station 75+00 and had a crest elevation of approximately 7 feet NAVD. The center containment dike, located 100 feet south of the southern extent of the dune crest, extended between Station 70+00 and Station 77+60 and had a crest elevation of approximately 7 feet NAVD. Near Station 77+60 the south containment dike, with a crest elevation of approximately 4 feet NAVD, was located approximately 200 feet south of the southern extent of the dune crest and terraced south to its extent near Station 85+00 Range 5+00.

3. The fill elevation near the outfalls was approximately 5 feet NAVD. Approximately 0.5 feet of silty water covered the beach fill near the outfalls.

4. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42; however, dry areas were present between Station 29+20 and Station 38+88. The last rainfall at the project site was during the early morning hours on 9/12.

5. After settling for approximately 24 hours a silt/sand interface was still not observed in the discharge sample collected yesterday. A physical attempt to grab sand from the bottom of the discharge sample collected yesterday was unsuccessful; the discharge sample collected yesterday was primarily composed of silts.

6. Sand sample CH049 was taken near Station 69+90 Range -0+48 (N 29.31070° W 89.76315°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm. The sand sample appeared to have a higher percentage of silts than samples collected west of Station 60+00. The silt content appeared to be similar to the last 4 samples collected.

7. A sample of the discharge from the north outfall was taken at 9:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 1000 mL level, and the silt/sand interface could not be distinguished. No change was observed after the sample settled for 1 hour.

8. Operating equipment inconsistencies were observed in the 9/13 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that 5 bulldozers worked the beach fill/grade while item #3, equipment data, lists only 4 bulldozers as operating.

DATE: September 14, 2006 OBSERVATION REPORT NO: 173

9. On 9/13 the Tom James cutterhead excavated approximately 7 feet outside the horizontal limits of the borrow area for less than 1 minute 87 times. Excluding these occasions, on 9/13 the Tom James cutterhead excavated below the newly permitted cut depth for less than 2 minutes on several occasions. The Tom James cutterhead excavated an average of approximately 0.5 feet and a maximum of 1.2 feet below the newly permitted cut depth, which is an average of approximately 5.5 feet and a maximum of 6.2 feet below the originally permitted cut depth.

10. Sand samples CH045, CH046, and CH047 were sent via Federal Express standard overnight to the CPE office in Boca Raton for a sieve analysis. The boat captain, Kevin Garmley, took the Federal Express package to Grand Isle when he left the Quarters Barge at 9:00. See discussion item #4.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nate Johnson (WMI) about the day's survey activities. Nate stated that the WMI survey crew finished staking and marking grade stakes along the dune crest between Station 111+48 and Station 150+19. Nate stated that the northern and southern extent dune crest grade stakes are identified with white flags and writing on the conduit depicting the letters NC for north crown and SC for south crown. Nate said that intermediate stakes were placed midway between the northern extent and the southern extent of the dune crest. Nate stated that the Station number was written on all grade stakes and orange tape was used to identify the design grade.

2. I spoke with Nate Johnson (WMI) about survey equipment. Nate stated that a new total station arrived to facilitate efficient surveying 250 feet seaward of the toe of beach fill. Nate stated that the WMI survey crew configured and tested the new equipment.

3. I spoke with Gary Johnson (WMI) about dredge operations. Gary stated that beach fill operations stopped around 14:30 to wash out the lines and prepare for overburden removal operations. Gary said that overburden removal operations will continue for approximately 1 week. Gary stated that overburden will be stripped and sidecast within the horizontal limits of the borrow area until the shore pipe has been placed to facilitate marsh creation operations. Gary said that after the fill area has been prepared for marsh creation, anticipates this will occur on either Saturday or Sunday, overburden will be pumped to the marsh creation area during the day and the uncovered sand will be pumped to the beach at night.

4. I spoke with Kevin Garmley (Bayou Princess) about the Federal Express package delivery. Kevin stated that he dropped the package off at the Sand Dollar before noon. Kevin said that the package arrived prior to the Federal Express pick-up time.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall near Station 70+12 Range -1+20.

Center outfall near Station 70+10 Range -0+65.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 14, 2006 OBSERVATION REPORT NO: 173

South outfall near Station 70+00 Range 0+20.

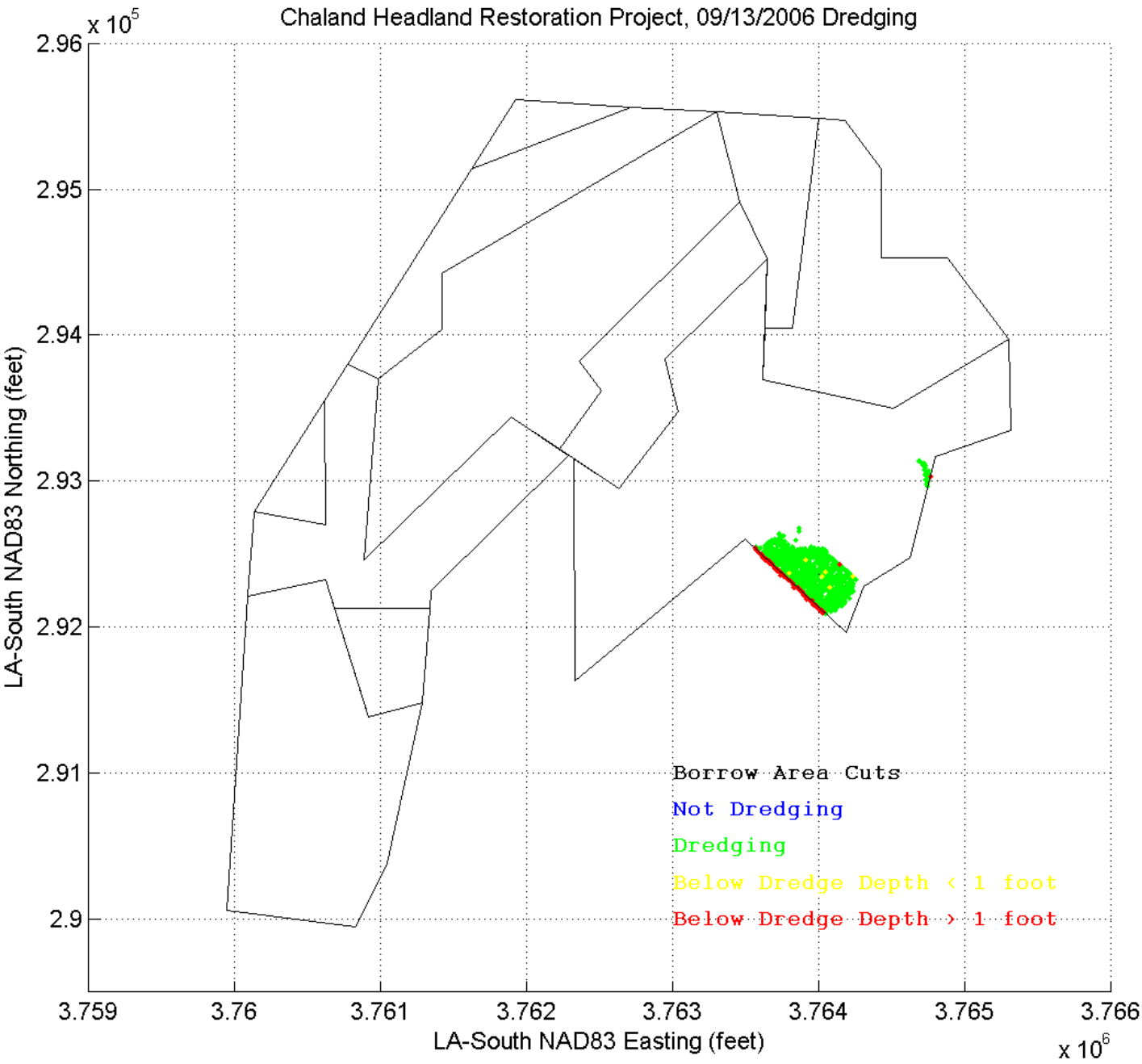
Beach fill area looking east from Station 70+00 Range 0+00.

Standing water in the marsh creation area near Station 43+72.

Dry area of marsh fill looking north from Station 32+00 Range -3+00.

Discharge sample after settling for 1 hour.

Gulf of Mexico wave conditions near Station 70+00.


Chaland Headland Restoration Project, 09/13/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 15, 2006 | OBSERVATION REPORT NO: 174
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 304
ARRIVAL TIME: 13:30 | DEPARTURE TIME: 16:00

WEATHER CONDITIONS:	Overcast and Rain
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	N 0-5 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Overburden Removal
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	Station 70+10
SOUTH OUTFALL LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE LOCATION:	Station 75+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 85+00
OTHER CONTAINMENT DIKE LOCATION:	Station 77+60
BEACH FILL AREA EXTENT LOCATION:	Station 87+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 15, 2006 OBSERVATION REPORT NO: 174

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Grading between Station 43+72 and Station 50+00.	Yes	Observation #4
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. WMI conducted a beach check survey along Station 51+00. I walked this survey line with the WMI surveyors and the observer from Fenstermaker & Associates, Brett Dufour (CHF). This survey was planned as an acceptance survey but the beach needed to be regraded and dressed to adhere to Technical Provision 20.6 which states "Upon completion of all filling operations within an acceptance section, and prior to surveying for payment, the beach and dune fill shall be graded and dressed so as to eliminate any undrained pockets, ridges, and depressions in the hydraulic fill surfaces." See discussion item #2.

3. The shore crew, 2 marsh buggies, and 2 bulldozers advanced the north shore pipe east to Station 72+75 Range -4+00 to connect with the PVC marsh pipe. The PVC marsh pipe extended from Station 73+00 Range -4+00 to Station 79+00 Range -3+00.

4. A bulldozer graded the beach between Station 43+72 and Station 50+00.

5. Gary Johnson (WMI) left the project site this morning. Paul Stewart (WMI) arrived on the project site this afternoon.

6. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42. Scattered showers were experienced at the project site today.

7. a) Operating equipment inconsistencies were observed in the 9/14 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that 5 bulldozers worked the beach fill/grade while item #3, equipment data, lists only 4 bulldozers as operating.

   b) Dredge cut inconsistencies were observed in the 9/14 WMI Daily Dredge Report (DDR). Start and end cut stations were provided in the marsh column when marsh creation operations were not conducted. Explanations of the dredge cut locations were provided in the remarks section but notes were not provided in the appropriate cells to direct the reader to the remarks section.

8. On 9/14 the Tom James cutterhead excavated approximately 7 feet outside the horizontal limits of the borrow area for less than 1 minute 28 times between 0:15 and 12:05. Excluding these occasions the Tom James cutterhead excavated below the required strip depth for less than 5 minutes on several occasions. On 9/14 the Tom James cutterhead excavated an average of approximately 0.6 feet and a maximum of approximately 2.5 feet below the required strip depth.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 15, 2006 OBSERVATION REPORT NO: 174

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the dredging operations. Paul stated that the Tom James was removing overburden material this morning and was sidecasting the stripped material within the borrow area limits. Paul said that early this afternoon the Tom James stopped overburden removal operations and returned to Grand Isle for maintenance. Paul stated that the Tom James is expected to return to the borrow area in approximately 3 days.

2. I spoke with Nate Johnson (WMI) about the beach check surveys. Nate stated that the beach was surveyed between Station 50+00 and Station 51+00. Nate said that the surveys were conducted out to a wading depth as hydrographic survey data is available from Station 5+00 to Station 76+00. Nate stated that beach acceptance surveys will be conducted tomorrow between Station 40+00 and Station 53+40 as the bulldozers need to re-work the beach fill between Station 40+00 and Station 53+40.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

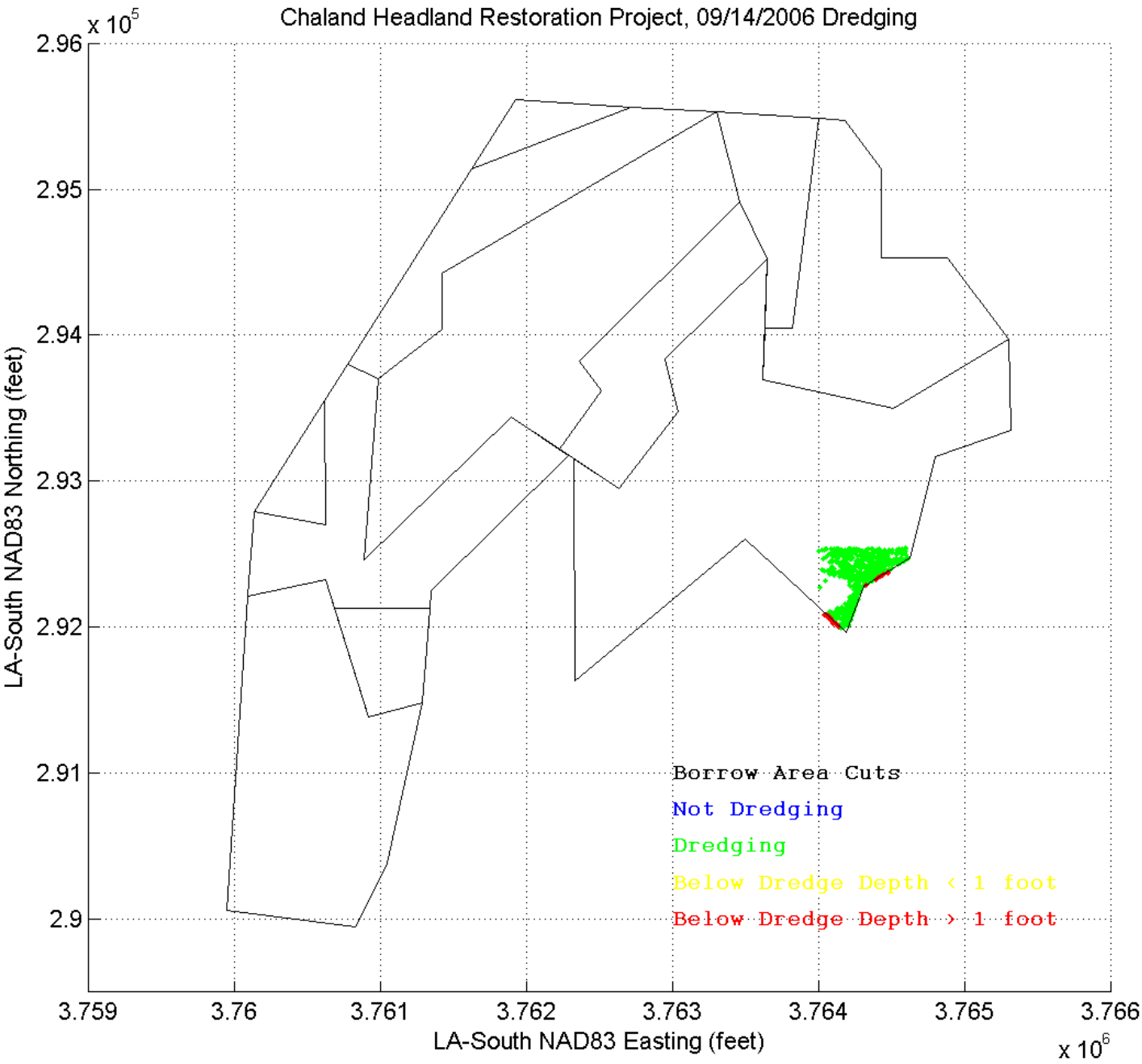
1. No.

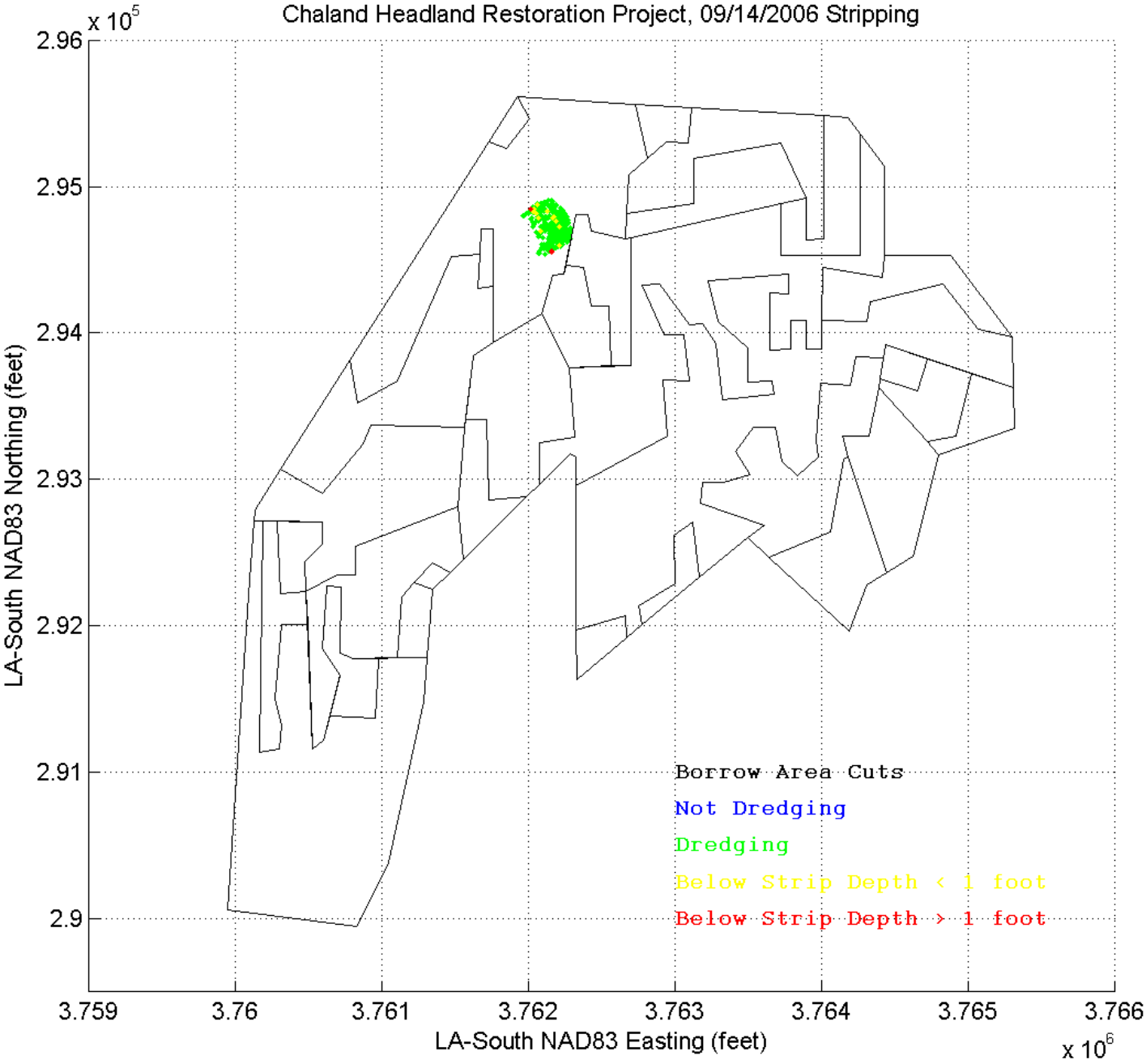
WMI conducting a check survey along Station 51+00.

Advancing the north shore pipe east near Station 72+75.

Bulldozer grading the beach near Station 43+72.

Standing water in the marsh creation area near Station 43+72.


Chaland Headland Restoration Project, 09/14/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 09/14/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 16, 2006 | OBSERVATION REPORT NO: 175
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 305
ARRIVAL TIME: 13:00 DEPARTURE TIME: 16:00

WEATHER CONDITIONS: Overcast and Rain
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: ENE 0-5 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Preparation
NORTH OUTFALL LOCATION: N/A
CENTER OUTFALL LOCATION: Station 70+10
SOUTH OUTFALL LOCATION: Station 70+00
NORTH CONTAINMENT DIKE LOCATION: Station 75+00
SOUTH CONTAINMENT DIKE LOCATION: Station 85+00
OTHER CONTAINMENT DIKE LOCATION: Station 77+60
BEACH FILL AREA EXTENT LOCATION: Station 87+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Grading between Station 38+88 and Station 48+56.		Observation #3

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 16, 2006 OBSERVATION REPORT NO: 175

25.	Is an acceptance survey for a completed section being conducted today?	No
	Location:	
26.	Are sand fencing operations being conducted?	No
	Post location:	
	Fence location:	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. WMI conducted a beach check survey along Station 61+00. I walked this survey line with the WMI surveyors and the observer from Fenstermaker & Associates, Brett Dufour (CHF). This survey was planned as an acceptance survey but the beach needed to be dressed to adhere to Technical Provision 20.6 which states "Upon completion of all filling operations within an acceptance section, and prior to surveying for payment, the beach and dune fill shall be graded and dressed so as to eliminate any undrained pockets, ridges, and depressions in the hydraulic fill surfaces." See discussion item #2.

3. A bulldozer dressed the south slope of the dune between Station 38+88 and Station 48+56.

4. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42; however, dry areas were present between Station 29+20 and Station 38+88. The last rainfall at the project site was early this afternoon before the project site was visited.

5. The sand sample summary spreadsheet was updated with accurate Station and Range information.

6. All WMI Daily Quality Control Reports (DQCR) submitted since the beginning of the project were reviewed. Missing items include: the 6/17 Daily Dredge Report (DDR), the 7/31 DDR, and the 8/20 DDR. Final revisions of both the WMI DQCR and DDR have not been submitted from 9/2 thru 9/6 and from 9/9 thru 9/15. The report number listed on the 12/7 WMI DQCR was the same as the report number listed on the 12/6 WMI DQCR. The report number on the 5/6 WMI DQCR was one greater than what should have been listed and this pattern continued throughout the WMI DQCR from 5/6 thru present. The report number listed on the 7/23 DDR was the same as the report number listed on the 7/22 WMI DDR.

7. a) Operating equipment inconsistencies were observed in the 9/15 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that 5 bulldozers worked the beach fill/grade while item #3, equipment data, lists only 4 bulldozers as operating.

   b) Dredge down time inconsistencies were observed in the 9/15 WMI Daily Quality Control Report (DQCR). Item #1, work performed, and item #6, dredge status, state that the Tom James was down for repairs at approximately 15:25 while the Daily Dredge Report (DDR) shows that the Tom James was down for repairs at approximately 15:00.

8. On 9/15 the Tom James cutterhead excavated below the required strip depth for less than 3 minutes on several occasions. On 9/15 the Tom James cutterhead excavated an average of approximately 0.3 feet and a maximum of approximately 1.9 feet below the required strip depth.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 16, 2006 OBSERVATION REPORT NO: 175

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the dredging operations. Paul stated that the Tom James will remain at Grand Isle for approximately 3 more days. Paul said that the Tom James will likely return to the Borrow Area Tuesday afternoon to continue overburden removal operations.

2. I spoke with Paul Stewart (WMI) about the beach dressing requirements described in Technical Provision 20.6. Paul stated that the beach fill is now uniform and dressing the beach will create high and low areas as the water content in the beach fill varies. Paul said that Gordon Thomson (CPE) stated that after heavy rains the beach does not need to be dressed. I spoke with Gordon about this issue and Gordon stated that if the rain eliminates undrained pockets, ridges, and depressions and makes the beach fill appear smooth and dressed an acceptance survey can be conducted on the beach. Gordon said that if the beach does not appear dressed and dragging a pipe along the beach will improve its condition then the surveys will not be deemed to be acceptance surveys. After observing the beach fill I informed Paul that it was not acceptable and that the beach needs to be dressed per Technical Provision 20.6.

3. I spoke with Nate Johnson (WMI) about acceptance surveys. I informed Nate that the sections surveyed today were not dressed and were not accepted. Nate stated that the beach will be properly dressed tomorrow and an acceptance survey will be conducted on Monday.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

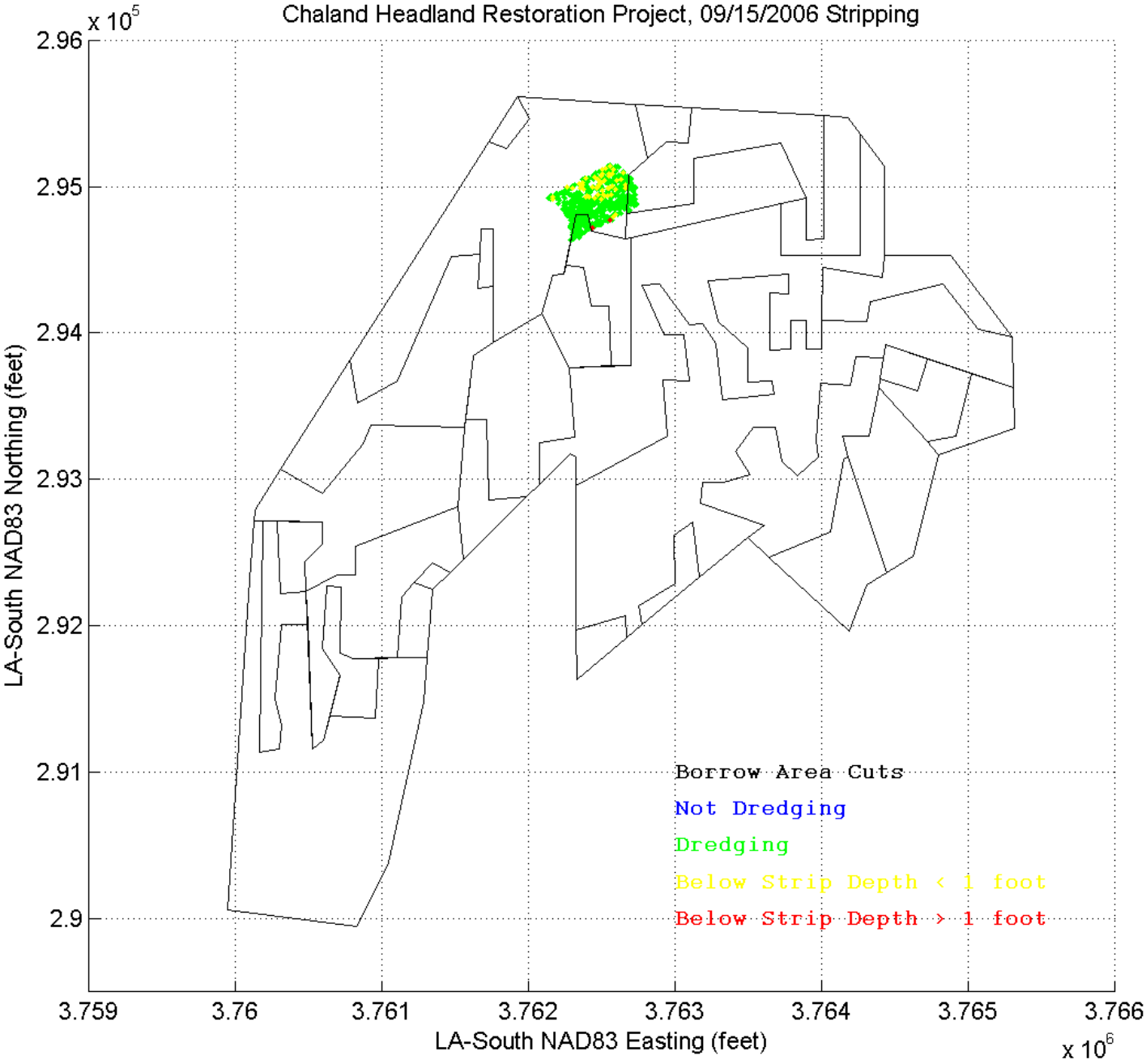
1. No.

WMI conducting a check survey along Station 61+00.

Bulldozer dressing the beach near Station 43+72.

Standing water in the marsh creation area near Station 43+72.

Gulf of Mexico wave conditions near Station 70+00.


Chaland Headland Restoration Project, 09/15/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 17, 2006 | OBSERVATION REPORT NO: 176
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 306
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 15:00
18:30 | 20:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	SE 0-5 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Marsh Fill Preparation
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	Station 70+10
SOUTH OUTFALL LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE LOCATION:	Station 75+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 85+00
OTHER CONTAINMENT DIKE LOCATION:	Station 77+60
BEACH FILL AREA EXTENT LOCATION:	Station 87+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	No	Observation #6

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach grade staking between Station 75+00 and Station 90+00.		Discussion #4

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 17, 2006 OBSERVATION REPORT NO: 176

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. The shore crew, 2 marsh buggies, and 2 bulldozers advanced the PVC marsh pipe and shore pipe east. The shore pipe extended to Station 74+00 and the PVC marsh pipe extended from Station 75+00 to Station 80+00. Approximately 100 feet of advance remained to connect the shore pipe with the PVC marsh pipe.

3. Beach grade staking was inspected between Station 111+48 (CG23) and Station 150+19 (CG31). The beach grade stakes marking the northern and southern extent of the dune crest were identified with a white flag. The northern extent of the dune crest, southern extent of the dune crest, and the center of the dune crest were staked between Station 111+48 and Station 150+19 where water depths/elevations permitted. The design grade elevation was identified with orange tape. The Station number was clearly written on all grade stakes. Station 111+48 (CG23), Station 126+00 (CG26), Station 145+35 (CG30), and Station 150+19 (CG31) were not staked. Technical Provision 19.4 states "Utilizing control data provided by the GOVERNMENT and verified by the CONTRACTOR, the CONTRACTOR sha complete the layout of the Work and shall be responsible for all measurements that may be required for the execution of the layout of the Work, subject to such modifications as the GOVERNMENT may require to meet changed conditions or as a result of necessary modifications to the Contract Work." See discussion item #2.

4. After performing the evening observation on the east island the skiff used for transportation would not start. The Quarters Barge was called and a message was left on WMI's office phone. Using the oar in the skiff, I paddled from the east island back to the Quarters Barge. See discussion item #3.

5. Operating equipment inconsistencies were observed in the 9/16 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that 5 bulldozers worked the beach fill/grade while item #3, equipment data, lists only 4 bulldozers as operating.

6. Photographs were not taken as the batteries died upon arrival at the beach.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the dredging operations. Paul stated that the Tom James will remain at Grand Isle for approximately 2 more days. Paul said that the Tom James will likely return to the Borrow Area Tuesday afternoon to continue overburden removal operations.

DATE: September 17, 2006 OBSERVATION REPORT NO: 176

2. I spoke with Nate Johnson (WMI) about the beach grade staking between Station 111+48 and Station 150+19. I spoke with Nate about the beach grade staking requirements for the upcoming hold point inspection on 9/21. Nate stated that the CG lines shown in the plans between Station 111+48 and Station 150+19 should be staked. I informed Nate of the various CG lines that were not staked. Nate stated that he would send the survey crew to the east island tomorrow to check the placed grade stakes and place/replace as necessary.

3. I spoke with Paul Stewart (WMI) about the problem experienced with the skiff. Paul stated that the superintendent should be informed prior to leaving the Quarters Barge to perform an observation. Paul said that he would show me how to work with the engine to fix simple problems as he was able to start the engine upon my return.

4. I spoke with Nate Johnson (WMI) about the day's survey activities. Nate stated that the survey crew performed a check survey of the marsh between Station 7+42 and Station 26+78. Nate said that the beach grade stakes were checked and were replaced as necessary between Station 75+00 and Station 90+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 18, 2006 | OBSERVATION REPORT NO: 177
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 307
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 12:00
14:15 | 16:00

WEATHER CONDITIONS: Overcast
WAVE HEIGHT AND DIRECTION: SSW 2'-3'
WIND SPEED AND DIRECTION: SW 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Fill Preparation
NORTH OUTFALL LOCATION: Station 78+30
CENTER OUTFALL LOCATION: Station 70+10
SOUTH OUTFALL LOCATION: Station 70+00
NORTH CONTAINMENT DIKE LOCATION: Station 75+00
SOUTH CONTAINMENT DIKE LOCATION: Station 85+00
OTHER CONTAINMENT DIKE LOCATION: Station 77+60
BEACH FILL AREA EXTENT LOCATION: Station 87+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach grade staking between Station 111+48 and Station 150+19.		Discussion #6

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Dressing between Station 40+00 and Station 60+66.		Observation #6

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 18, 2006 OBSERVATION REPORT NO: 177

25.	Is an acceptance survey for a completed section being conducted today?	No
	Location:	
26.	Are sand fencing operations being conducted?	No
	Post location:	
	Fence location:	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. Paul Stewart (WMI) left the Quarters Barge to inspect the Tom James at approximately 9:30. Paul did not return from Grand Isle today. See discussion item #2.

3. Representatives from Hunt Petroleum, Tennessee Oil & Gas, and T. Baker Smith were on-site today. See discussion item #3.

4. The north outfall (marsh outfall) was located near Station 78+30 Range -5+00.

5. A marsh buggy maintained the 7 foot NAVD crest elevation of the north containment dike between Station 70+00 and Station 75+00. The north containment dike extends along the northern extent of the dune crest between Station 70+00 and Station 75+00.

6. A bulldozer dressed the beach between Station 40+00 and Station 60+66. See discussion item #4.

7. Standing water was still observed in the marsh creation area between Station 7+42 and Station 53+40; however, dry areas were present between Station 29+20 and Station 38+88. The last rainfall at the project site occurred on 9/16. See discussion item #5.

8. The sand fence was inspected to confirm that it was properly installed per the project plans. The required 30 foot overlap and 3 foot gap between fence sections, the 10 foot spacing between fence posts, and the 80 foot gap between the north sand fence and the south sand fence were all achieved.

9. The Y-valve splitting the north outfall (marsh outfall) from the center and south outfalls was located near Station 68+40 Range -0+80. The Y-valve splitting the center and south outfalls was located near Station 68+60 Range -0+60.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nate Johnson (WMI) about the status of the Tom James. Nate stated that he spoke with Paul Stewart (WMI) and was informed that the Tom James was repaired and is ready to return to the borrow area. Nate said that the Tom James will remain at Grand Isle today due to weather and rough seas.

2. I spoke with Nate Johnson (WMI) about the chain of command aboard the Quarters Barge. Nate stated that he assumes he is in charge when Paul Stewart (WMI) is not aboard the Quarters Barge. Nate said that the crew boat did not leave Grand Isle tonight as the passengers did not arrive early enough to facilitate a late afternoon return. Nate stated that Paul will return in the morning with an observer from Fenstermaker & Associates.

DATE: September 18, 2006 OBSERVATION REPORT NO: 177

3. I spoke with Nate Johnson (WMI), Gerald Tompkins (HP), Gary Duet (TOG), Kenneth Matherne (TBS), and Kevin Bartley (TBS) about pipeline surveys between Station 111+48 and Station 150+19. Nate stated that WMI wants all pipelines marked that are less than 2 feet below the existing surface.

4. I spoke with Nate Johnson (WMI) about acceptance surveys. Nate stated that the survey crew removed grade stakes in the center of the dune crest between Station 40+00 and Station 60+66 to facilitate beach dressing operations. Nate said that acceptance surveys between Station 40+00 and Station 53+40 are planned for tomorrow. Nate stated that a representative from Fenstermaker & Associates will be on site tomorrow to observe the planned acceptance surveys.

5. I spoke with Nate Johnson (WMI) about the standing water in the marsh creation area between Station 7+42 and Station 53+40. Nate stated that the water surface elevation in the marsh creation area was approximately 2.8 feet NAVD on 9/10 and approximately 3.1 feet NAVD on 9/17. I spoke with Rachel Sweeney (NOAA) about the standing water in the marsh creation area. Rachel stated that gaps may need to be created in the primary dike to enable the marsh to properly drain after heavy rains. Rachel said that this is typically performed approximately 2 years after the created marsh settles, but due to the high concentration of sand and the stability of the marsh fill this operation may be feasible. Rachel said that this item will be further discussed during the 9/21 bi-weekly meeting.

6. I spoke with Nate Johnson (WMI) about the day's survey activities. Nate said that the survey crew checked the beach grade staking between Station 111+48 and Station 150+19. Nate stated that check surveys of the beach fill were conducted between Station 67+00 and Station 80+00. Nate provided the check survey data in xyz format.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Marsh outfall near Station 78+30 Range -5+00.

Marsh buggy maintaining the north containment dike near Station 73+00.

Bulldozer dressing the beach near Station 48+56.

Gulf of Mexico wave conditions near Station 29+20.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 19, 2006 | OBSERVATION REPORT NO: 178
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 308

ARRIVAL TIME:	10:00	DEPARTURE TIME:	11:00
	14:30		16:00
	17:00		18:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 2'-3'
WIND SPEED AND DIRECTION:	N 10-15 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Acceptance Surveys
NORTH OUTFALL LOCATION:	Station 78+30
CENTER OUTFALL LOCATION:	Station 70+10
SOUTH OUTFALL LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE LOCATION:	Station 75+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 85+00
OTHER CONTAINMENT DIKE LOCATION:	Station 77+60
BEACH FILL AREA EXTENT LOCATION:	Station 87+00
MARSH FILL AREA EXTENT LOCATION:	Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 19, 2006 OBSERVATION REPORT NO: 178

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Between Station 42+00 and Station 52+00.	Yes	Observation #3
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today.

2. Paul Stewart (WMI) was on the Quarters Barge at 8:00 and left the Quarters Barge at 16:00. Gary Johnson (WMI) was on the Quarters Barge at 16:00.

3. WMI conducted acceptance surveys along proflie lines 51+00 and 52+00. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Brett Dufour (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. See discussion item #1.

4. The acceptance survey data collected today was inspected for specification compliance. Specifically the data point spacing was inspected to determine whether the performed survey complied with Technical Provision 35.2 which states that "Data points shall be taken at a spacing of not more than 20 feet." The data analysis indicated that acceptance surveys conducted along profile lines 43+72, 46+00, 47+00, 50+00, and 52+00 complied with the requirements stated in Technical Provision 35.2. The data analysis indicated that profile lines 42+00, 45+00, 48+56, and 51+00 were slightly over the 20 foot maximum spacing requirement, with less than 7% of the spacings being non-compliant and a maximum distance between survey points of 22.8 feet. The data analysis indicated that acceptance surveys conducted along profile lines 43+00 and 48+00 did not comply with Technical Provision 35.2. The percent of non-compliant survey points, maximum spacing, average spacing of non-compliant survey points, and the spacing standard deviation of non-compliant survey points are shown in the following table. See discussion item #1.

Station	Percent Violation	Maximum Spacing	Average Spacing	Spacing Deviation
43+00	21%	22.5'	21.0'	0.8'
48+00	10%	37.1'	23.0'	6.2'

5. Beach grade staking was inspected between Station 111+48 (CG23) and Station 150+19 (CG31). The beach grade stakes marking the northern and southern extent of the dune crest were identified with a white flag. The northern extent of the dune crest, southern extent of the dune crest, and the center of the dune crest were staked between Station 111+48 and Station 150+19 where water depths/elevations permitted. The design grade elevation was identified with orange tape. The Station number was clearly written on all grade stakes. All CG lines between Station 111+48 (CG23) and Station 150+19 (CG31) were staked according to the above description.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 19, 2006 OBSERVATION REPORT NO: 178

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nate Johnson (WMI) about the acceptance surveys completed today. Nate stated that WMI conducted acceptance surveys with a rod on the beach along profile lines 42+00, 43+00, 43+72, 45+00, 46+00, 47+00, 48+00, 48+56, 50+00, 51+00, and 52+00. I showed Nate the survey analysis results. Nate stated that he would resurvey profile lines 38+00 and 43+00. Nate said that all surveys conducted today do not extend to the northern toe of beach fill as the survey crew could not walk on the fill near the beach/marsh interface. Nate stated that the northern extent of the beach fill will be surveyed when the survey crew is able to walk on the fill material.

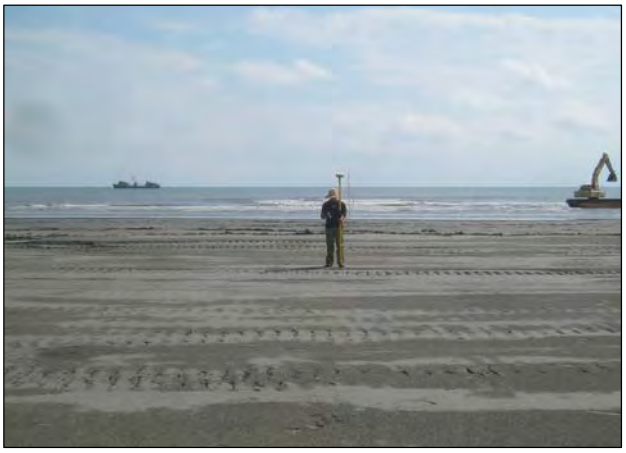
2. I spoke with Jason Manthey (NOAA), Rachel Sweeney (NOAA), Gordon Thomson (CPE), and Brian Kendrick (KE) about the marsh fill elevation and the standing water in the marsh creation area between Station 7+42 and Station 53+40. Options available to the Government to achieve the marsh elevation shown in the plans were discussed. The bi-weekly meeting agenda for 9/21 was discussed in terms of how marsh fill questions should be presented.

3. I spoke with Nate Johnson (WMI) about available survey data. Nate provided beach fill check survey data taken between Station 54+00 and Station 67+00 on 9/16, beach fill check survey data taken between Station 67+00 and Station 80+00 on 9/18, and marsh fill check survey data taken between Station 9+84 and Station 26+78 on 9/17.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

WMI conducting an acceptance survey along Station 51+00.



WMI conducting an acceptance survey along Station 52+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 20, 2006 | OBSERVATION REPORT NO: 179
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 309
ARRIVAL TIME: 11:45 | DEPARTURE TIME: 15:30
16:45 | 18:00

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: SE 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Overburden Removal
NORTH OUTFALL LOCATION: Station 78+30
CENTER OUTFALL LOCATION: Station 70+10
SOUTH OUTFALL LOCATION: Station 70+00
NORTH CONTAINMENT DIKE LOCATION: Station 75+00
SOUTH CONTAINMENT DIKE LOCATION: Station 85+00
OTHER CONTAINMENT DIKE LOCATION: Station 77+60
BEACH FILL AREA EXTENT LOCATION: Station 87+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed between the DQCR and DDR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	

Measurement 1: Station 55+00 - Measured Width: 280', Template Width: 280'
Measurement 2: Station 55+82 - Measured Width: 278', Template Width: 280'
Measurement 3: Station 57+00 - Measured Width: 291', Template Width: 280'
Measurement 4: Station 58+23 - Measured Width: 280', Template Width: 280'

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 20, 2006 OBSERVATION REPORT NO: 179

Measurement 5: Station 59+00 - Measured Width: 287', Template Width: 280'
Measurement 6: Station 60+00 - Measured Width: 281', Template Width: 280'
Measurement 7: Station 61+00 - Measured Width: 256', Template Width: 280'
Measurement 8: Station 62+00 - Measured Width: 272', Template Width: 280'
Measurement 9: Station 63+00 - Measured Width: 285', Template Width: 280'
Measurement 10: Station 64+00 - Measured Width: 284', Template Width: 280'
Measurement 11: Station 65+49 - Measured Width: 279', Template Width: 280'
Measurement 12: Station 67+00 - Measured Width: 283', Template Width: 280'
Measurement 13: Station 68+00 - Measured Width: 289', Template Width: 280'

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	Yes	
	Location: Between Station 42+00 and Station 54+00.		Observation #2
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: A marsh buggy walked the marsh fill near Station 43+72.		Observation #4
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. I observed WMI perform acceptance surveys along profile lines 51+00 and 53+40. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Brett Dufour (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. See discussion item #2.

3. The acceptance survey data collected today was inspected for specification compliance. Specifically the data point spacing was inspected to determine whether the performed survey complied with Technical Provision 35.2 which states that "Data points shall be taken at a spacing of not more than 20 feet." The data analysis indicated that acceptance surveys conducted along profile lines 43+00, 48+00, 52+00, 53+40, and 54+00 complied with the requirements stated in Technical Provision 35.2. The data analysis indicated that profile line 51+00 was slightly over the 20 foot maximum spacing requirement, with approximately 5% of the spacing's being non-compliant and a maximum distance between survey points of 20.7 feet. See discussion item #2.

4. A marsh buggy walked the marsh fill. The marsh buggy concentrated on the high areas that were above the water level in the marsh creation area near Station 43+72.

5. Standing water was still observed in the marsh creation area between Station 7+42 and Station 53+40; however, dry areas were present between Station 29+20 and Station 43+72. The last rainfall at the project site occurred on 9/16.

6. Inconsistencies were observed between the 9/19 WMI Daily Quality Control Report (DQCR) and the Daily Dredge Report (DDR). Item #1, work performed, in the DQCR states that the Tom James started stripping operations at 15:15 while the DDR states that stripping operations started at 11:35.

DATE: September 20, 2006 OBSERVATION REPORT NO: 179

7. On 9/19 the Tom James cutterhead excavated below the required strip depth between 15:38 and 15:54. During this interval the Tom James excavated an average of approximately 4.3 feet and a maximum of approximately 7.2 feet below the required strip depth. Excluding this occasion the Tom James excavated below the required strip depth for less than 10 minutes on several occasions. The Tom James cutterhead excavated an average of approximately 2.7 feet and a maximum of approximately 4.2 feet below the required strip depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about dredge operations. Gary stated that overburden material is being stripped from the borrow area and sidecast within the borrow area limits. Gary said that marsh creation and beach fill operations will continue after the subline is repositioned so that additional material within the borrow area can be reached by the cutterhead.

2. I spoke with Kenneth Mahler (WMI) about the acceptance surveys completed today. Kenneth stated that WMI conducted acceptance surveys with a rod on the beach along profile lines 43+00, 48+00, 51+00, 52+00, 53+40, and 54+00. I spoke with Kenneth about the 50-foot required overlap with the bathymetric surveys. Kenneth stated that the required overlap should be met. Kenneth said that he would provide the bathymetric survey data in xyz format tomorrow so the required overlap can be confirmed.

3. I spoke with Nate Johnson (WMI) about the pipelines marked by T. Baker Smith between Station 111+48 and Station 150+19. Nate stated that the 24" Tennessee Oil and Gas high pressure line is marked with lime glow tape on bamboo poles, the 4" Hunt Oil oil line is marked with orange glow tape on bamboo poles, and the 2" Hunt Oil gas line is marked with red and blue tape on bamboo poles.

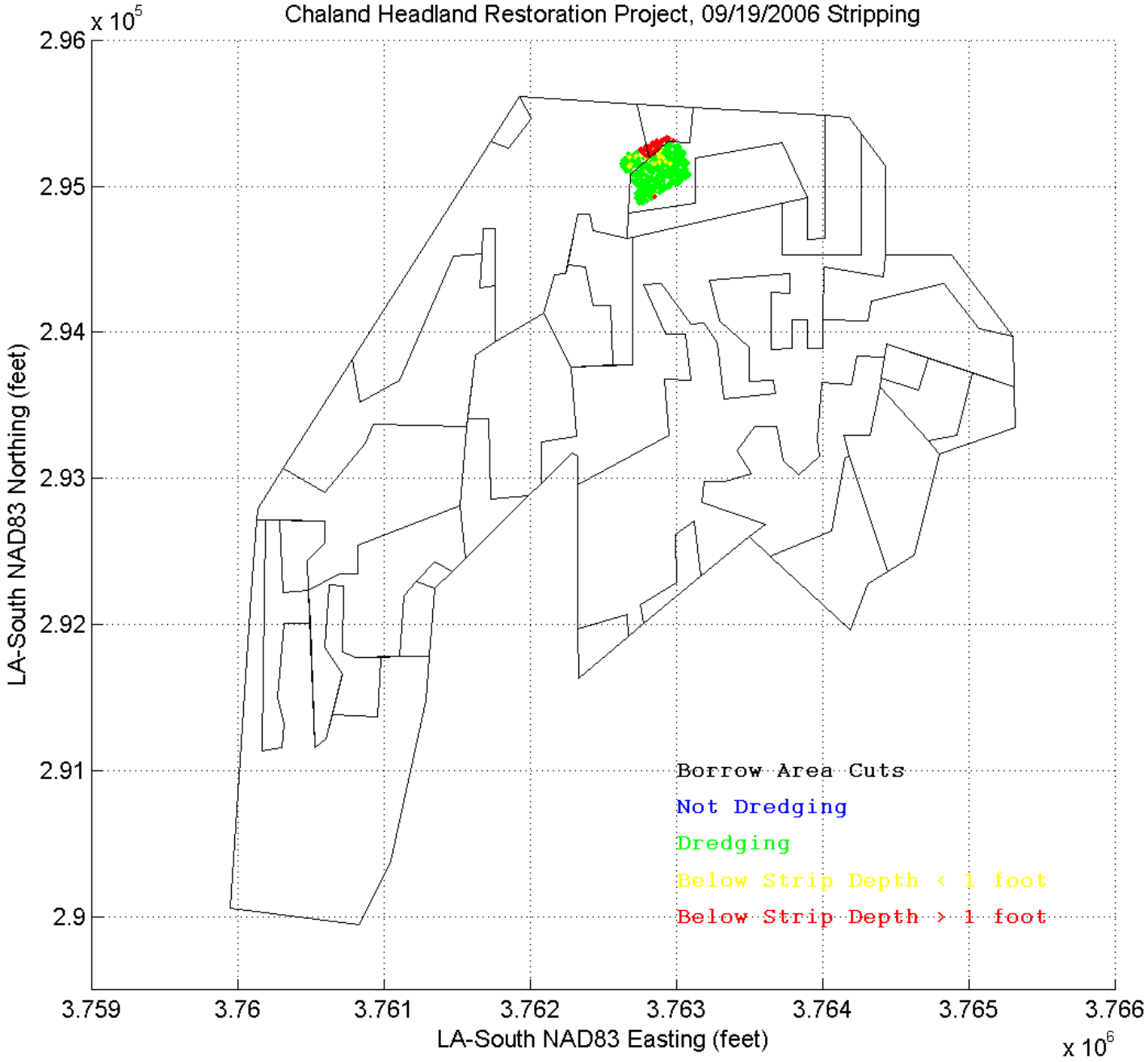
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

WMI conducting an acceptance survey along Station 51+00.

WMI conducting an acceptance survey along Station 53+40.

Marsh buggy walking marsh fill near Station 43+72.


Chaland Headland Restoration Project, 09/19/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 21, 2006 | OBSERVATION REPORT NO: 180
OBSERVER: Catherine Moran | CONTRACT DAY: 310
ARRIVAL TIME: 9:35 | DEPARTURE TIME: 11:15
12:30 | 14:00

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SE 1'-2'
WIND SPEED AND DIRECTION: E 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Overburden Removal and Marsh Grading
NORTH OUTFALL LOCATION: Station 78+30
CENTER OUTFALL LOCATION: Station 70+10
SOUTH OUTFALL LOCATION: Station 70+00
NORTH CONTAINMENT DIKE LOCATION: Station 75+00
SOUTH CONTAINMENT DIKE LOCATION: Station 85+00
OTHER CONTAINMENT DIKE LOCATION: Station 77+60
BEACH FILL AREA EXTENT LOCATION: Station 87+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DQCR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 21, 2006 OBSERVATION REPORT NO: 180

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Between Station 55+00 and Station 67+00.	Yes	Observation #2
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: WMI was grading the marsh fill.	Yes	Observation #4
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. WMI conducted acceptance surveys from profile line 55+00 to profile line 67+00. The WMI surveyors were observed conducting the survey along station 59+00 into the marsh. The surveyor was collecting data points approximately50 north of the northern toe of dune fill, and was up to his waist into the marsh fill.

3. A marsh buggy walked the marsh fill. The marsh buggy was working near station 30+00.

4. A bulldozer was observed scraping the material above the upper tolerance to an area of lower elevation within the marsh between stations 28+00 and 36+00.

5. Gordon Thomson (CPE), Andrew Wycklendt (CPE), Rachel Sweeney (NOAA), Jason Manthey (NOAA), Barry Richard (DNR), Gregory Grandy (DNR), Will Norman (DNR), Gary Johnson (WMI), and I participated in the bi-weekly meeting. Items discussed included: status on pay surveys and submittal of data, WMI updated project schedule, marking of utility pipelines, borrow area volume remaining compared to volume needed to complete the project, and transportation for the government observer. These items are further discussed in the bi-weekly meeting minutes.

6. Gordon Thomson (CPE), Andrew Wycklendt (CPE), Rachel Sweeney (NOAA), Jason Manthey (NOAA), Barry Richard (DNR), Gregory Grandy (DNR), Will Norman (DNR), and I visited the east end of the island. A hold point inspection was conducted between station 111+48 and 145+35 to make sure the grade stakes for the CG lines were properly in place. During the visit to the east end the group checked on the Hunt Oil pipes that had previously been sticking out of the ground between CG lines 130+84 and 135+68. The pipes were cut to the existing beach elevation. The pipes that had been cut off were still on the beach and the pipe in the ground had not been covered.

7. There is an inconsistency in the WMI Daily Quality Control Report (DQCR). Item #2 states that the Tom James is conducting beach and marsh fill operations and that the shore crew is placing beach fill. On 9/20 overburden removal was occurring, not beach or marsh fill operations.

DATE: September 21, 2006 OBSERVATION REPORT NO: 180

8. On 9/19 the Tom James cutterhead excavated below the required strip depth throughout the day. The maximum vertical violation was approximately 8 feet below the strip depth, but not below the permitted cut depth. The maximum horizontal violation outside of the borrow area limits was approximately 10 feet. The violations occurred along the borrow area cut depths and at the end of the cutterhead swings. Sixty-Seven vertical violations of 3.2 feet to 4.5 feet below the allowable -16 foot depth occurred between approximately 12:16 am and 6:15 am. The violations occurred at the end of the swings that the cutterhead made swinging from an adjacent area permitted for a stripping depth of -20 feet.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that overburden material is being stripped from the borrow area and sidecast within the borrow area limits. Gary stated that a portion of the subline needs to be moved for the material that it is sitting on to be removed. Beach and marsh fill operations will begin after the subline is moved.

2. I spoke with the survey crew and they stated that they surveyed the onshore portion of the beach fill between 55+00 and 67+00. They stated that the onshore southern seaward portion of the survey, so that the overlap with the hydro data would be at least 50 feet, would be conducted tomorrow between stations 57+00 and 67+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 55+00.

Beach fill acceptance survey being conducted along station 59+00.

Marsh buggy moving around in the marsh near station 30+00.

Bulldozer scraping marsh fill in high elevation section near station 36+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 21, 2006 OBSERVATION REPORT NO: 180

Looking west from approximately station 4+00 on a spit formed into Pass La Mer.

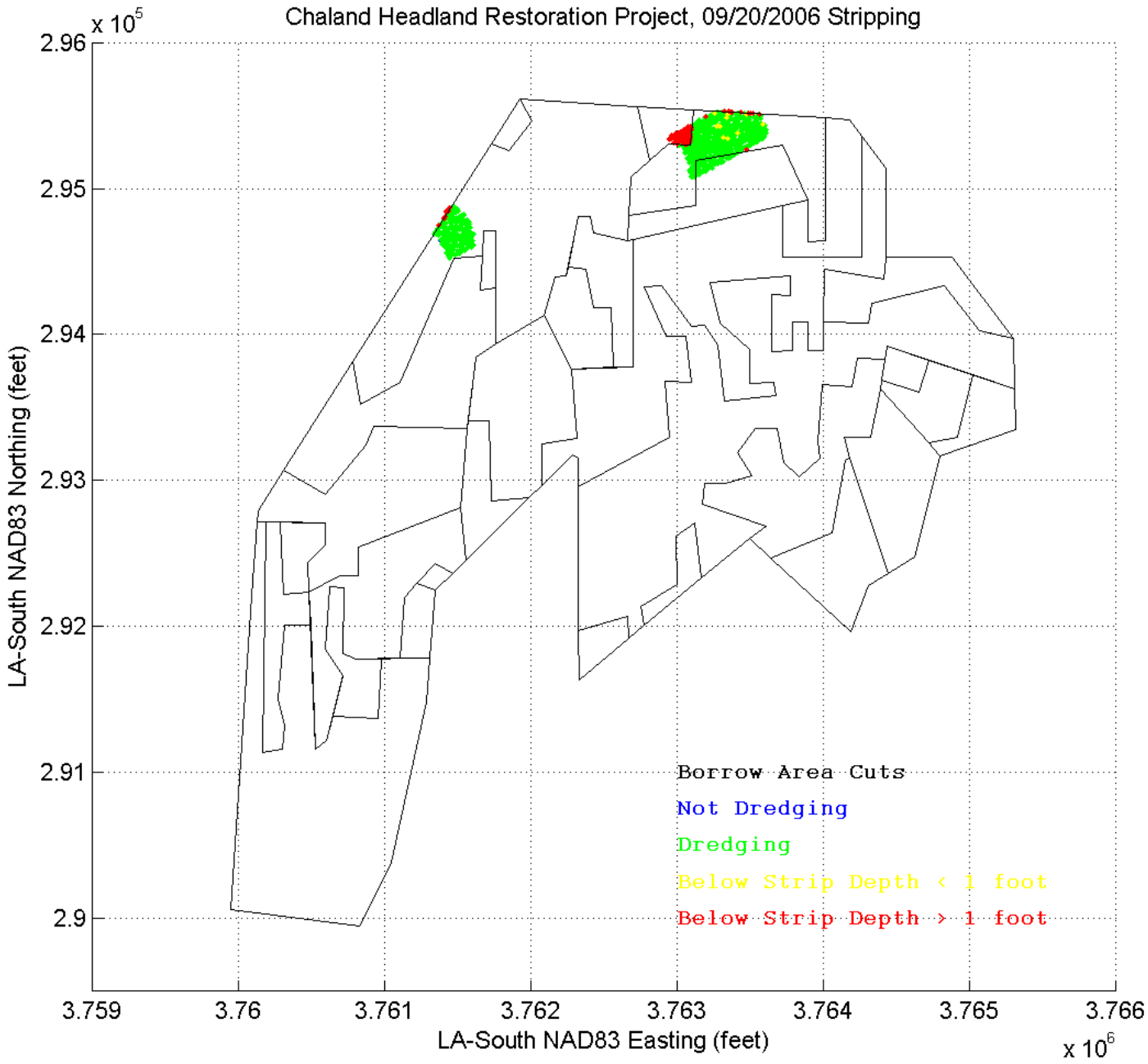
Looking north from spit formed into Pass La Mer, approximately station 4+00.

Looking south from spit formed into Pass La Mer, approximately station 4+00.

Looking east from spit formed into Pass La Mer, approximately station 4+00.

Hunt Oil pipe cut, but left uncovered between CG lines 130+84 and 135+68.

Hunt Oil pipe cut and removed, but left on the beach between CG lines 130+84 and 135+68.


Chaland Headland Restoration Project, 09/20/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 22, 2006 | OBSERVATION REPORT NO: 181
OBSERVER: Catherine Moran | CONTRACT DAY: 311
ARRIVAL TIME: 9:05 | DEPARTURE TIME: 11:00
15:30 | 15:55

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S 3'-5' (am & pm)
WIND SPEED AND DIRECTION: S 20-25 mph (am); SE 15 - 20 mph (pm)
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Overburden Removal and Marsh Grading
NORTH OUTFALL LOCATION: Station 78+30
CENTER OUTFALL LOCATION: Station 70+10
SOUTH OUTFALL LOCATION: Station 70+00
NORTH CONTAINMENT DIKE LOCATION: Station 75+00
SOUTH CONTAINMENT DIKE LOCATION: Station 85+00
OTHER CONTAINMENT DIKE LOCATION: Station 77+60
BEACH FILL AREA EXTENT LOCATION: Station 87+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DQCR and DDR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 22, 2006 OBSERVATION REPORT NO: 181

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Station 56+00	Yes	Observation #2 Disscussion #2
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: WMI was grading the marsh fill.	Yes	Observation #4
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. WMI attempted to conduct an acceptance survey along profile line 56+00 from the dry beach seaward (south). The survey crew set up the total station to conduct the surveys. The WMI surveyors were observed conducting the survey along station 56+00. The survey was not completed to enough of a seaward range for completion of the profile survey. See discussion item #2.

3. A marsh buggy walked the marsh fill. The marsh buggy was working near station 45+00.

4. A bulldozer was observed scraping the material above the upper tolerance to an area of lower elevation within the marsh between stations 36+00 and 38+88.

5. I found pices of burlap on the dune near the pipeline location and picked them up and placed them on the pipeline. I found a bent grade stake laying on the dune at approximately station 54+82 range -0+74.

6. The spit that had formed into Pass La Mer at the west end of the island was not connected, or fully exposed during the morning visit today. A stream of water was running between the island and the spit, and water was spilling over the top of the spit. A recording of the furthest point west of the dry beach was taken. The most western coordinates as of this morning at approximately 10:05 am was N 29.31465°, W 89.7828°.

7. There is an inconsistency in the WMI Daily Quality Control Report (DQCR). The DQCR states that the material discharge location is at station 72+30, but I observed the most eastern discharge location to be at station 70+10. The DDR has missing information under the ENGINE ROOM & PUMP INFORMATION in the stripping column for the day. Information is missing under FILL INFORMATION section of the DDR and an excel calculation error ("#VALUE!") under the SINCE MIDNIGHT section.

DATE: September 22, 2006 OBSERVATION REPORT NO: 181

8. On 9/21 the Tom James cutterhead excavated below the required strip depth throughout the day. The maximum vertical violation was approximately 5 feet below the strip depth, but not below the permitted cut depth. The violations greater than 1 foot below the maximum stripping depth occurred at the end of the cutterhead swings. The violations within 1 foot of the allowable strip depth occurred throughout the cutterhead swing. There was a total of 44 violations throughout the day.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the dredge is in port due to high seas. The Tom James traveled into port at approximately 4:40 pm yesterday (9/21). The dredge is expected to be back to the borrow area by late Saturday or Sunday depending on the wave

2. The survey crew stated that they were using the total station to conduct the surveys today because they did not want to get the RTK unit wet, due to the high value of the RTK. The survey crew stated that they were unable to conduct the survey seaward enough to overlap with the offshore hydro survey data due to the rough seas. They said they will attempt the survey once the seas reside and the survey can be conducted seaward enough along the profile line.

3. I mentioned the grade stake found on top of the dune, with the location, to the WMI survey crew. They said they would look for

4. The WMI survey crew stated that they conducted grade stake checks for the dune fill from 82+00 to 92+00 this afternoon.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

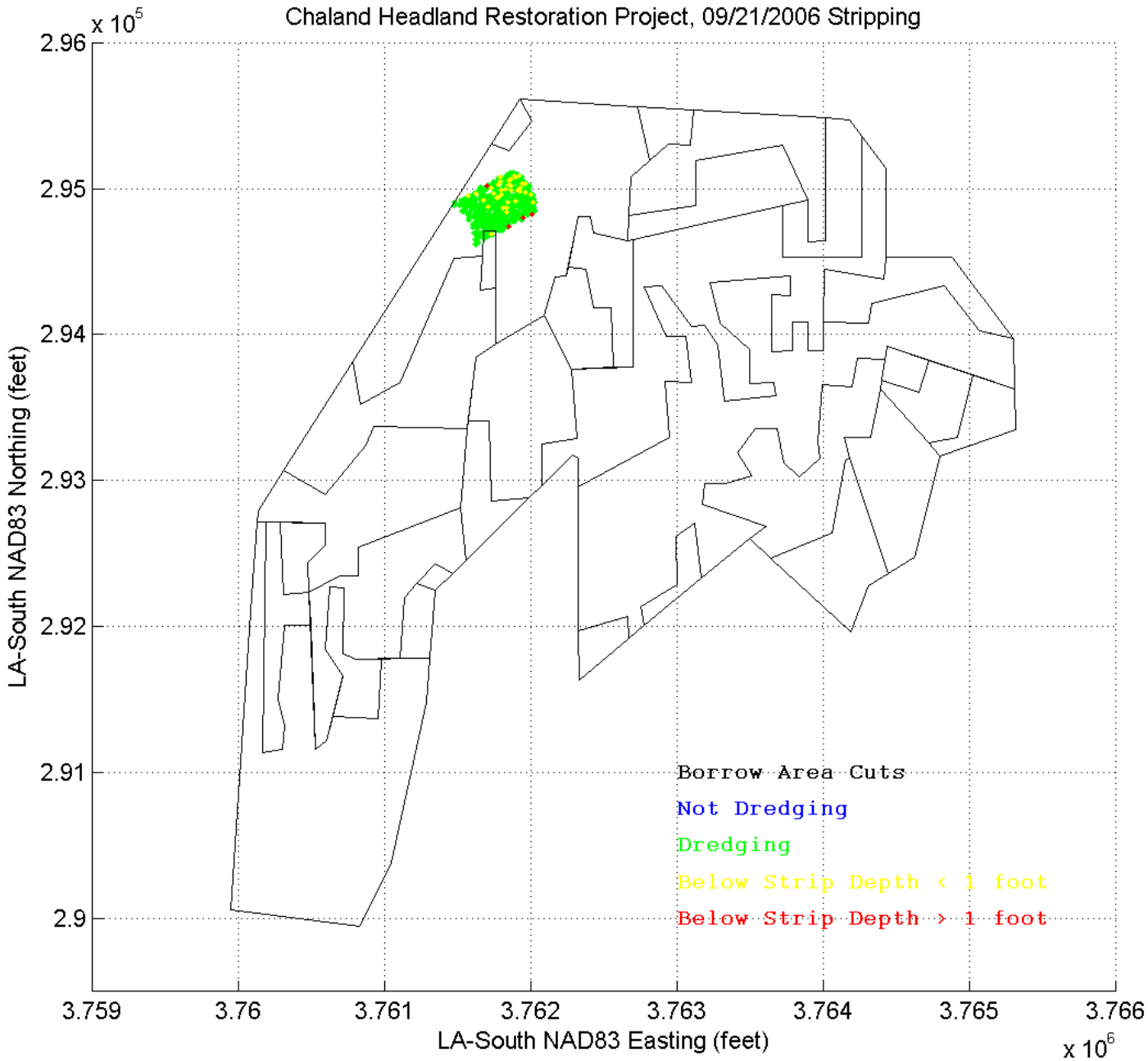
1. No.

Wave condition at station 67+91.

Bulldozer grading the marsh fill near station 36+00.

Grade stake found on dune at station 54+82 range -0+74.

Some burlap pieces picked up from dune and placed on the


Chaland Headland Restoration Project, 09/21/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 23, 2006 | OBSERVATION REPORT NO: 182
OBSERVER: Catherine Moran | CONTRACT DAY: 312
ARRIVAL TIME: 8:50 | DEPARTURE TIME: 10:30

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SSE 3'-4'
WIND SPEED AND DIRECTION: SE 15 - 20 mph (pm)
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Marsh Grading
NORTH OUTFALL LOCATION: Station 78+30
CENTER OUTFALL LOCATION: Station 69+90
SOUTH OUTFALL LOCATION: Station 69+90
NORTH CONTAINMENT DIKE LOCATION: Station 75+00
SOUTH CONTAINMENT DIKE LOCATION: Station 85+00
OTHER CONTAINMENT DIKE LOCATION: Station 77+60
BEACH FILL AREA EXTENT LOCATION: Station 87+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DDR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Discussion #1
	Type:		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 23, 2006 OBSERVATION REPORT NO: 182

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. The Tom James continues to stay in port due to rough seas. There is no dredge data for yesterday (9/22) because the dredge was not operating yesterday.

2. The WMI survey crew set and replaced grade stakes for the beach fill. The surveyors were observed setting out the stakes and checking the stakes already in place along station 70+00 and 71+00.

3. No marsh buggies were seen in operation today.

4. A bulldozer was observed moving along the northern dune slope between approximately station 20+00 and 67+91.

5. I found pices of burlap on the dune, near the pipeline location and picked them up and placed them on the pipeline. See discussion #2.

6. The Tom James DDR has extra information under FILL INFORMATION section of the DDR in the SINCE MIDNIGHT section including a station and an excel calculation error ("#VALUE!").

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the dredge is still in port due to high seas. The Tom James will be staying in port for the day and may tow out later tommorrow.

2. I mentioned to Gary Johnson (WMI) that I found pieces of burlap along the dune and placed them on or next to the pipeline. Gary stated that he would have one of the laborers walk the pipeline and pick up the burlap.

3. WMI submitted survey data to check for profile lines 40+00 to 55+00.

4. The WMI survey crew stated that they conducted grade stakespot checks for the dune fill near the outfall. The survey crew stated that they spot checked areas of the marsh fill to check the elevation where the bulldozers had been grading. The survey crew stated that in the afternoon they went to the east end to check on the location of the utility pipelines.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 23, 2006 OBSERVATION REPORT NO: 182

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 30+00.

Burlap pieces found on dune and placed along pipeline.

Survey crew checking grade stake at station 70+00.

Survey crew checking grade stake at 71+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 24, 2006 | OBSERVATION REPORT NO: 183
OBSERVER: Catherine Moran | CONTRACT DAY: 313
ARRIVAL TIME: 9:30 DEPARTURE TIME: 11:00

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S 2'-4'
WIND SPEED AND DIRECTION: S 10 - 15 mph
TEMPERATURE: 80°-95° F

CONSTRUCTION ACTIVITY: Grading Marsh Area
NORTH OUTFALL LOCATION: Station 78+30
CENTER OUTFALL LOCATION: Station 69+90
SOUTH OUTFALL LOCATION: Station 69+90
NORTH CONTAINMENT DIKE LOCATION: Station 75+00
SOUTH CONTAINMENT DIKE LOCATION: Station 85+00
OTHER CONTAINMENT DIKE LOCATION: Station 77+60
BEACH FILL AREA EXTENT LOCATION: Station 87+00
MARSH FILL AREA EXTENT LOCATION: Station 77+60

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DDR.		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Station 72+00 to Sta 75+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	Observation #1

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 24, 2006 OBSERVATION REPORT NO: 183

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. The Tom James was towed out to the borrow area early this morning and was observed in the borrow area during the observation visit. There is no dredge data for yesterday (9/23) because the dredge was not operating.

2. The WMI survey crew set and replaced grade stakes for the beach fill. The surveyors were observed setting out the stakes and checking the stakes already in place along station 73+00.

3. No marsh buggies were seen in operation today.

4. Three bulldozers were observed moving pipes from station 52+00 to station 63+00 for storage closer to the discharge area.

5. Coordinates for the spit at the west end of the island (into Pass La Mer) were taken today. The western most point of the spit, which is also the western most point for the island, is N29°18.914' W89°47.035'. See coordinate chart below, with points taken starting from in line with the primary dike at the southern side of the spit (1) and ending align with the primary dike on the northern side of the spit (9).

6. A construction cable was found partially buried near station 23+10, range 0+00.

7. I found pieces of burlap on the dune, between the sand fences, between stations 23+50 and 25+40. I placed these pieces in a pile at approximately station 25+40 along the southern fence (RNG 0+40). I found more burlap between station 27+00 and station 29+00 and picked them up and placed them at the shore pipeline landing location.

8. The Tom James DDR has extra information under FILL INFORMATION section of the DDR in the SINCE MIDNIGHT section including a station (7+10) and an excel calculation error ("#VALUE!").

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Scott Mahler (WMI) stated that the dredge started overburden removal around 4:30 pm today.

2. WMI survey crew stated that they were checking and placing or replacing grade stakes for the fill between 72+00 and 75+00 during the day.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 24, 2006 OBSERVATION REPORT NO: 183

3. WMI survey crew stated that yesterday they took coordinates for the pipelines that were staked out with the bamboo poles by the utilities. The coordinates were taken in case a bamboo pole is destroyed or moved in some way.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

West End Spit Coordinates (Observation #4)

	Geographical		State Plane		
Point	North	West	Easting	Northing	Notes
1	29.31365	89.78250	3775084.42	299245.04	south side of spit aligned with primary dike
2	29.31448	89.78350	3775080.32	299548.04	
3	29.31503	89.78385	3774647.40	299742.21	
4	29.31523	89.78392	3772951.06	299792.04	Most western part of spit/island
5	29.31548	89.78368	3774698.41	299906.56	Most northern point of spit
6	29.31543	89.78360	3774725.10	299888.73	Eastern point of tip of spit
7	29.31515	89.78383	3774652.24	299784.72	
8	29.31498	89.78373	3774684.93	299724.53	
9	29.31395	89.78252	3775077.53	299354.05	north side of spit aligned with primary dike

Wave condition at station 23+00.

Moving pipe from station 52+00 to station 63+00.

Cable found at station 23+10 range 0+00.

Burlap pieces found and placed at shore pipeline landing.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 24, 2006 OBSERVATION REPORT NO: 183

Looking west from the southern tip of the primary dike at the west end of the island.

Looking north from the southern tip of the primary dike at the west end of the island.

Looking south from the southern tip of the primary dike at the west end of the island.

Looking east from the southern tip of the primary dike at the west end of the island.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 25, 2006 | OBSERVATION REPORT NO: 184
OBSERVER: Catherine Moran | CONTRACT DAY: 314
ARRIVAL TIME: 7:50 | DEPARTURE TIME: 8:55
16:05 | 16:40

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S <2' (am & pm)
WIND SPEED AND DIRECTION: NNE 10 - 15 mph (am); 5 - 10 mph N (pm)
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Marsh Fill and Beach Fill
NORTH OUTFALL LOCATION: Station 78+00
CENTER OUTFALL LOCATION: Station 69+90
SOUTH OUTFALL LOCATION: Station 69+90
NORTH CONTAINMENT DIKE LOCATION: Station 75+00
SOUTH CONTAINMENT DIKE LOCATION: Station 85+00
OTHER CONTAINMENT DIKE LOCATION: Station 77+60
BEACH FILL AREA EXTENT LOCATION: Station 87+00
MARSH FILL AREA EXTENT LOCATION: Station 83+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DQCR.		Observation # 7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Over Burden Removal, Marsh Fill and Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 25, 2006 OBSERVATION REPORT NO: 184

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Station 56+00 to Station 67+00	Yes	Discussion # 1
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation # 1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the marsh fill starting at approximately 11:00 am from the north pipeline located at approximately station 78+00 pointing north. Material was discharged to the beach after dark, and was not observed. Prior to beach fill discharge the center pipeline was located at approximately station 69+50 range -0+10 pointing east and the south pipeline was at approximately station 69+50 range 0+47 pointing east.

2. During the morning visit a partly buried cable was found at approximately station 41+00 range -3+58.

3. Bulldozers and marsh buggies were preparing for fill operations to start up during the day.

4. A piece of the rubber line that was previously connected to the northern pipe to place marsh fill between 55+00 and 77+60 was moved the northern dune slope between station 67+20 range -2+26 and station 62+18 range -2+03.

5. A construction cable was found partially buried near station 41+00, range -3+58.

6. On 9/24 the Tom James cutterhead excavated below the required strip depth throughout the day. The maximum vertical violation was approximately 3 feet below the strip depth, but not below the permitted cut depth. The violations greater than 1 foot occurred at the end of the cutterhead swings.

7. The WMI Daily Quality Control Report (DQCR) shows that the discharge location is 72+30, which is incorrect per visual observation. The center and south pipe for beach fill are located at approximately station 69+50, while the north pipe for marsh fill is located at approximately 78+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they were able to complete the onshore seaward portion of profile lines 56+00 to 67+00. They stated that they collected enough data points to overlap more then 50 feet with the hydro survey data.

2. The WMI day shift dump foreman stated that the marsh fill started pumping at approximately 11:00 am today and the dredge planned to start pumping beach fill at approximately 7:00pm, when the sun goes down. Martin stated that the marsh fill will be discharged during day light hours only.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: September 25, 2006 OBSERVATION REPORT NO: 184

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave Condition at station 67+00.

Rubber line stored along northern dune slope between statior 62+18 range -2+03 and station 67+20 range -2+26.

Looking from station 53+10 range -2+27 at the rubber line previously used for the marsh fill placement from approximately station 54+00 to 77+60.

Cable found at station 41+00 range -3+58.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 25, 2006 OBSERVATION REPORT NO: 184

Looking north from station 38+88 range -3+34.

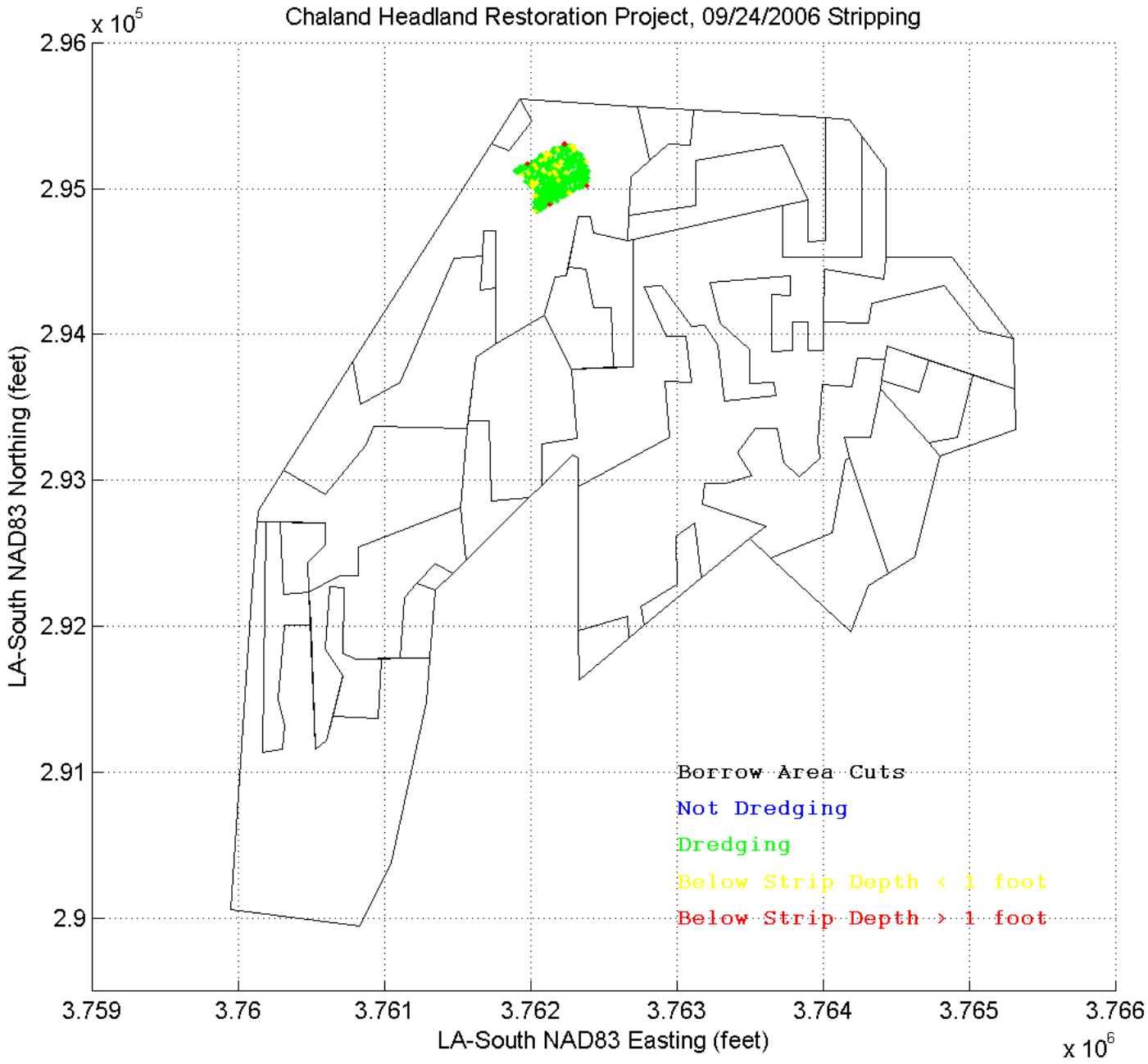
Looking west from station 38+88 range -3+34.

Looking east from station 38+88 range -3+34.

Looking south from station 38+88 range -3+34.

Looking south east at the marsh fill discharge from approximately station 78+00.

Looking north at the marsh fill discharge to the north from approximately station 78+00.


Chaland Headland Restoration Project, 09/24/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 26, 2006 | OBSERVATION REPORT NO: 185
OBSERVER: Catherine Moran | CONTRACT DAY: 315
ARRIVAL TIME: 8:30 | DEPARTURE TIME: 11:15 Trip to Dredge
13:30 | 15:05

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	S 2' - 3' swells offshore (am); S <1' (pm)
WIND SPEED AND DIRECTION:	N 10 - 15 mph (am); 5 - 10 mph N (pm)
TEMPERATURE:	75°-85° F
CONSTRUCTION ACTIVITY:	Marsh Fill and Beach Fill
NORTH OUTFALL LOCATION:	Station 78+00
CENTER OUTFALL LOCATION:	Station 72+44
SOUTH OUTFALL LOCATION:	Station 73+25
NORTH CONTAINMENT DIKE LOCATION:	Station 75+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 85+00
OTHER CONTAINMENT DIKE LOCATION:	Station 77+60
BEACH FILL AREA EXTENT LOCATION:	Station 87+00
MARSH FILL AREA EXTENT LOCATION:	Station 83+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DQCR and DDR.		Observation # 9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Observation # 7
	Location: Station 69+00 to Station 76+00		Discussion # 1
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 2
	Type: Marsh Fill and Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 8
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 3
	Location: CH050, Sta. 72+80 RNG -0+25 (N 29.31065° W 89.76195°), 14:15		
	Location: CH051, Sta. 69+20 RNG -0+05 (N 29.31085° W 89.76340°), 14:30		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 26, 2006 OBSERVATION REPORT NO: 185

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Station 69+00 and Station 72+25	Yes	Observation # 4
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	Yes	Observation # 2
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. I visited the dredge Tom James this morning from approximately 9:15 am to 10:15 am. They were dredging marsh fill material during the visit. I was able to watch the cutterhead swings on the computer screen at the Leverman's post. I observed six borrow area bouys that appeared to be in place, along with the floating rubber line. I was not able to get a GPS location on the bouys due to the skiff not being cable of handling the 2' to 3' swells to manuver to the buoys.

2. Material was discharged to the marsh fill area during the daylight hours from the north pipeline located at approximately station 78+00, pointing north. Material was discharged over night to the beach fill area, and was not observed. During the beach fill placement overnight the center and south pipelines were extended. The new location of the center pipeline is approximately station 72+44 range -0+80 pointing east. The new location of the south pipeline is approximately station 73+25 range 0+00 pointing east.

3. Two beach fill samples were collected today. Sample CH050 was collected at approximately station 72+80 range -0+25 (N 29.31065° W 89.76195°). Sample CH051 was collected at approximately station 69+20 range -0+05 (N 29.31085° W 89.76340°). The Munsell color of both samples taken today was 5Y-4/1 (Dark Gray) with approximate grain size of 0.1 mm.

4. Two dozers were working on the center containment dike during the afternoon visit. One bulldozer was working on grading the dune and dune slope on the south side of the south pipeline between station 69+00 and 72+75. One bulldozer was grading the marsh fill near station 40+00.

5. Three leaks were observed along the single pipeline. The leaks were located at approximately station 63+60, station 54+72, and station 46+28.

6. Small rock/shell could be heard moving through the pipeline during the marsh fill process.

7. The survey crew was observed checking the grade stakes at station 69+00 and 70+33 along the northern slope.

8. On 9/24 the Tom James cutterhead excavated below the required strip depth during the marsh fill operation. The maximum vertical violation was approximately 3 feet below the strip depth, but not below the permitted cut depth. The violations of a depth greater than 1 foot occurred at the ends of the cutterhead swing. There were no borrow area violations during the beach fill operation.

DATE: September 26, 2006 OBSERVATION REPORT NO: 185

9. The WMI Daily Quality Control Report (DQCR) shows that the discharge location to be 74+00, which is incorrect per visual observation. The center is located at approximately station 72+44 and south pipe for beach fill is located at approximately station 73+25, while the north pipe for marsh fill is located at approximately 78+00. the Tom James DDR has the same discharge location listed for the beach fill. The DDR is missing the shore pipeline length and the shore rubber line length. The DDR has a typo in the Leverman's Log where it states "Cut13sand ss!4+70", should this be "ss14+70"?

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they checked the grade stakes between station 69+00 and 76+00. They stated that they were replacing ones that were missing or had moved and placing ones that they were previously unable to place due to the marsh fill being unstable.

2. I was informed by the day shift that a bulldozer had sunk in the marsh fill area just before shift change (approximately 5 pm). The night crew was able to get the bulldozer out of the mud after a couple hours of work. Gary Johnson was present during the removal of the bulldozer. The bulldozer operated stated that he was grading down the material and hit a soft spot and the bulldozer sank.

3. Scott Mahler (WMI survey crew) submitted the xyz survey data for profile lines 56+00 to 67+91 today.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

The Tom James cutterhead dredge.

Moving one of the side anchors of the Tom James.

Wave condition at station 69+00.

Marsh fill discharge at station 78+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

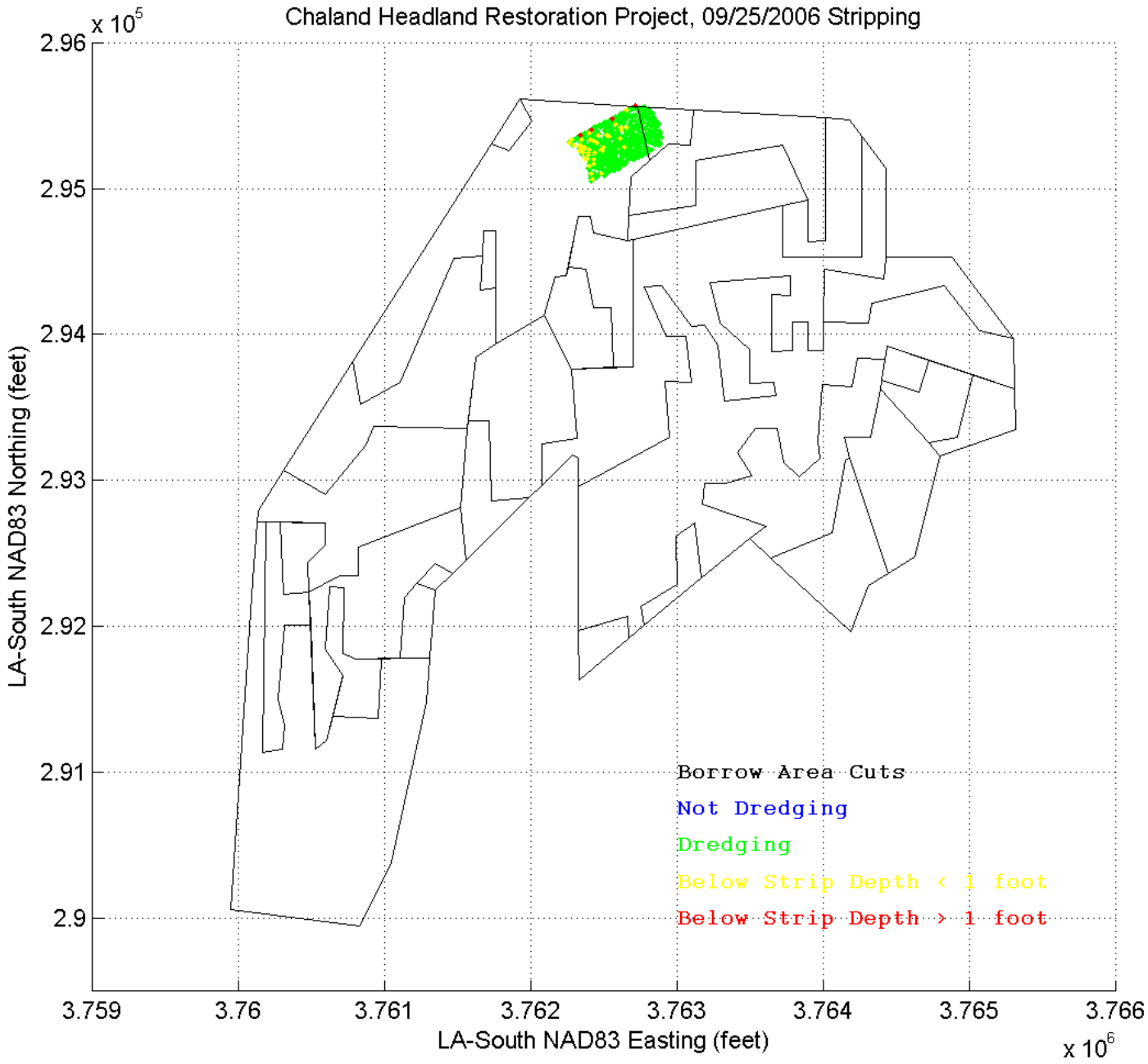
DATE: September 26, 2006 OBSERVATION REPORT NO: 185

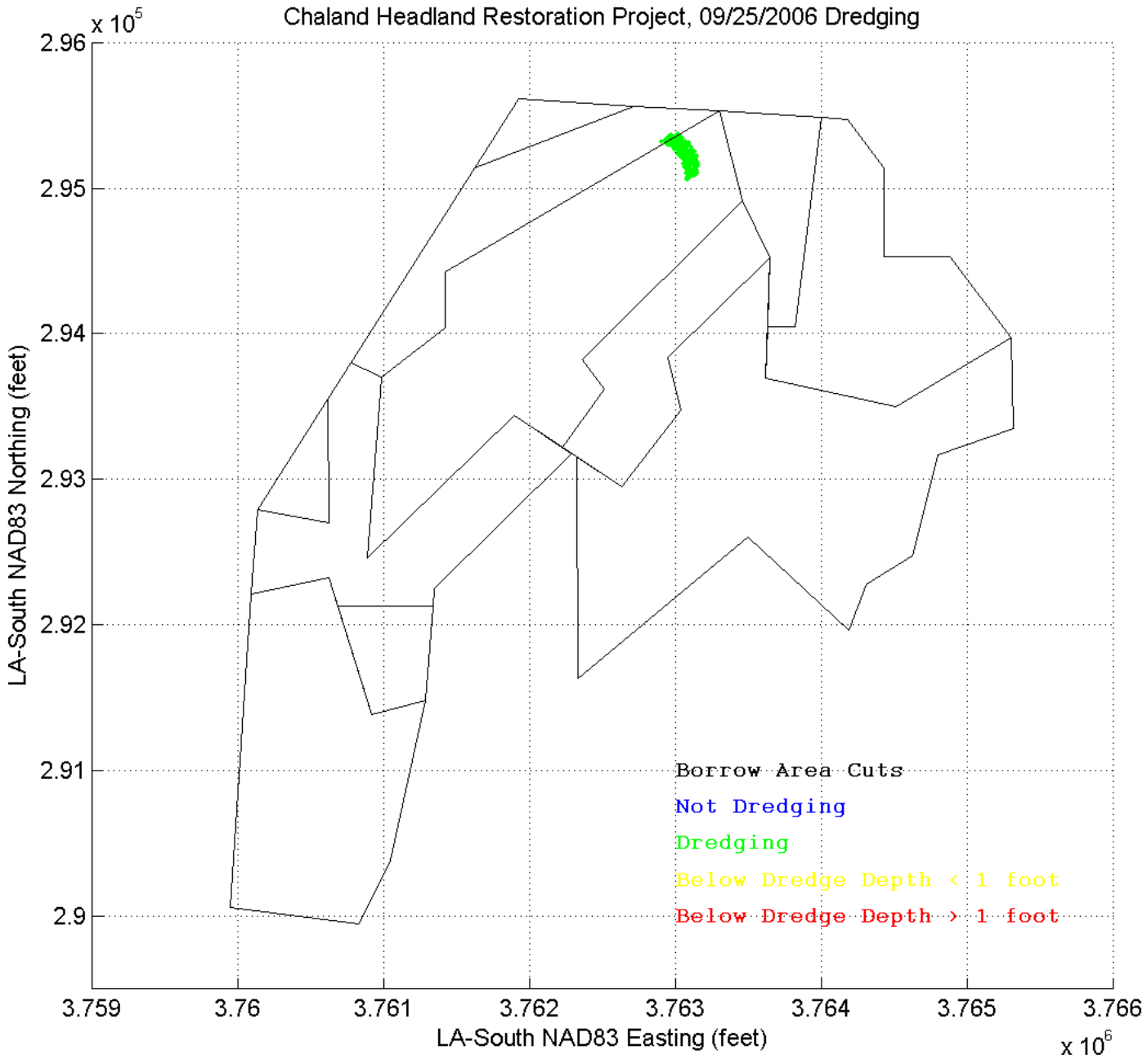
Grading the southern dune between station 69+00 and 72+25.

Grading the marsh fill area near station 40+00.

WMI survey crew checking grade stake at station 69+00, northern slope.

Leak in the pipeline at station 46+28.


Chaland Headland Restoration Project, 09/25/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot


Chaland Headland Restoration Project, 09/25/2006 Dredging
x 10^5
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LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 27, 2006 | OBSERVATION REPORT NO: 186
OBSERVER: Catherine Moran | CONTRACT DAY: 316
ARRIVAL TIME: 9:55 | DEPARTURE TIME: 11:50
15:15 | 16:25

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S <1' (am); S <1' (pm)
WIND SPEED AND DIRECTION: N 5 - 10 mph (am); N 0 - 5 mph (pm)
TEMPERATURE: 75°-90° F

CONSTRUCTION ACTIVITY: Marsh Fill and Beach Fill
NORTH OUTFALL LOCATION: Station 78+10
CENTER OUTFALL LOCATION: Station 74+00
SOUTH OUTFALL LOCATION: Station 75+10
NORTH CONTAINMENT DIKE LOCATION: Station 76+90
SOUTH CONTAINMENT DIKE LOCATION: Station 91+10
OTHER CONTAINMENT DIKE LOCATION: Station 77+20
BEACH FILL AREA EXTENT LOCATION: Station 93+00
MARSH FILL AREA EXTENT LOCATION: Station 90+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DQCR and DDR.		Observation # 9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Observation # 7
	Location: Station 71+00 to Station 96+00		Discussion # 1

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Marsh Fill and Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 2
	Location: CH052, Sta. 73+80 RNG -0+23 (N 29.31051° W 89.76157°), 11:20		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	
	Measurement 1: Station 69+00 - Measured Width: 287', Template Width: 280'		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 27, 2006 OBSERVATION REPORT NO: 186

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation # 1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the marsh fill area during the daylight hours from the north pipeline located at approximately station 78+10 in the morning and 78+50 in the afternoon, pointing north. Material was discharged over night to the beach fill area, and was not observed. During the beach fill placement overnight the center and south pipelines were extended. The new location of the center pipeline is approximately station 74+00 range -0+78 pointing east. The new location of the south pipeline is approximately station 75+10 range 0+25 pointing east.

2. One beach fill sample were collected today. Sample CH052 was collected at approximately station 73+80 range -0+23 (N 29.31052° W 89.76157°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm.

3. One dozer was operating in the beach fill area during the day working on the north and center containment dikes. One marsh buggy was working in the marsh area. In the afternoon visit the marsh buggy moved the pontoon for the marsh discharge pipe to sit on. Approximately 480 feet of rubber line was added to the marsh/north pipeline, extending the pipeline 480 feet north of morning location.

4. The elevation within the marsh fill area along station 78+00 was approximately 2.2 feet NAVD. The elevation along station 69+00 along the dune is approximately 5.8' NAVD. The elevation along the dune at station 77+00 and 77+60 is approximately 5.5 feet NAVD.

5. Two leaks were observed along the single pipeline. Two of the three leaks from the previous day had been plugged. The leak at approximately station 46+28 has not been plugged. The material has built up approximately 0.5' on the southern side of the pipeline between station 46+00 to station 46+20. The new leak is located at approximately 40+00.

6. Small rock/shell could be heard moving through the pipeline during the marsh fill process.

7. The survey crew was observed checking the grade stakes at station 94+00 along the southern slope.

8. On 9/26 the Tom James cutterhead excavated below the required strip depth during the marsh fill operation. The maximum vertical violation was approximately 2 feet below the strip depth, but not below the permitted cut depth. The maximum horizontal violation outside the borrow area limits was approximately 18 feet. The horizontal violations and the vertical violations of a depth greater than one foot occurred at the ends of the cutterhead swing.

DATE: September 27, 2006 OBSERVATION REPORT NO: 186

9. The WMI Daily Quality Control Report (DQCR) for 9/26 shows that the beach discharge location is 75+80, which is incorrect per visual observation. On 9/26 the center discharge location was at approximately station 72+44 and south pipe for beach fill is located at approximately station 73+25. The Tom James DDR has the same discharge location listed for the beach fill. The DQCR for 9/26 does not mention the bulldozer that sank in the marsh fill area, which caused the dozer to need repairs. The bulldozer is D6 #8846, which is listed as under repair, but was working most of the day.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they checked the grade stakes between station 71+00 and 96+00. They stated that they were replacing ones that were missing or had moved and placing ones that they were previously unable to be placed.

2. Gary Johnson (WMI) stated that the survey crew will be putting a tide gauge board in place within the marsh fill to check the elevation of the fill since the grade stakes are not always reliable.

3. Gary Johnson (WMI) stated that he expects to be conducting marsh fill for a couple more days, then they will move to beach fill during the day.

4. The bulldozer operator who sank the D6 #8846 into the marsh fill yesterday (9/26) stated that the bulldozer is not operating today due to damage to the transmission.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

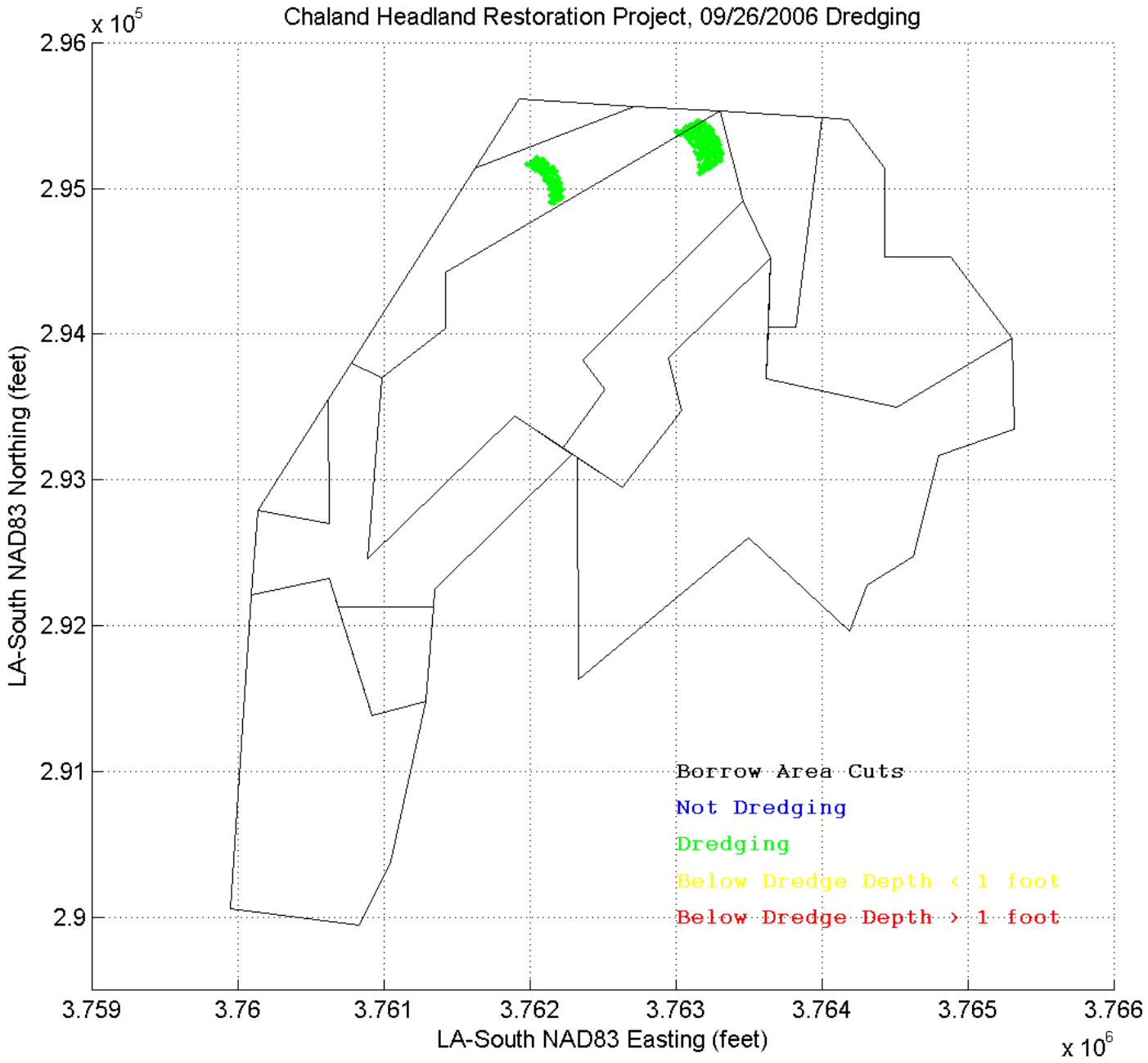
1. No.

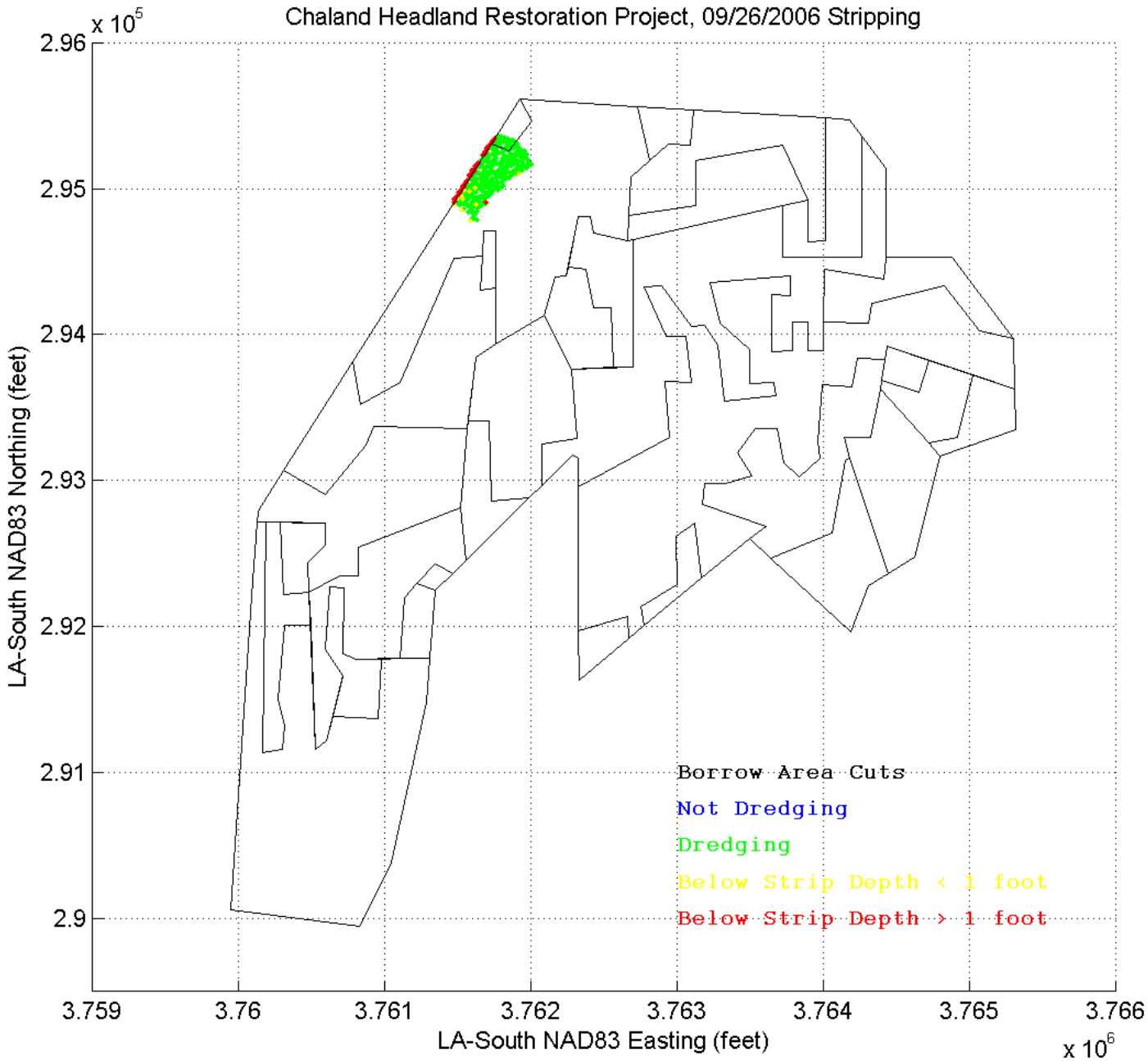
Wave condition at 67+91.

Marsh buggy moving the pontoon to support the rubber line (northern pipeline) for marsh fill located.

Looking east from 67+91 along the southern slope.

Looking at the end of the southern dike located at approximately station 91+10.


Chaland Headland Restoration Project, 09/26/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 09/26/2006 Stripping
x 10^5
2.96
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2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 28, 2006 | OBSERVATION REPORT NO: 187
OBSERVER: Catherine Moran | CONTRACT DAY: 317
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 11:40
15:05 | 15:55

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	S <2' (am); S <2' (pm)
WIND SPEED AND DIRECTION:	NW 0 - 5 mph (am); WNW 0 - 5 mph (pm)
TEMPERATURE:	75°-90° F
CONSTRUCTION ACTIVITY:	Marsh Fill and Beach Fill
NORTH OUTFALL LOCATION:	Station 79+00
CENTER OUTFALL LOCATION:	Station 77+40 (am); Station 78+00 (pm)
SOUTH OUTFALL LOCATION:	Station 77+00 (am); Station 77+90 (pm)
NORTH CONTAINMENT DIKE LOCATION:	Station 79+00 (am); Station 87+00 (pm)
SOUTH CONTAINMENT DIKE LOCATION:	Station 91+10
OTHER CONTAINMENT DIKE LOCATION:	Station 79+00 (am); Station 85+00 (pm)
BEACH FILL AREA EXTENT LOCATION:	Station 94+00
MARSH FILL AREA EXTENT LOCATION:	Station 90+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DQCR and DDR.		Observation # 8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Station 77+60 to Station 80+00		Discussion # 2
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Marsh Fill and Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 7
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 2
	Location: CH053, Sta. 76+50 RNG -0+94 (N 29.31080° W 89.77767°), 11:18		
20.	Has a discharge sample been collected?	No	Observation # 2
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	
	Measurement 1: Station 70+33 - Measured Width: 289', Template Width: 280'		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 28, 2006 OBSERVATION REPORT NO: 187

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Northern slope to 70+33, southern slope to 77+60	Yes	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation # 1
29.	Is the discharge pipe being moved?	Yes	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the marsh fill area during the daylight hours from the north pipeline located at approximately station 81+00, pointing northeast. Material was discharged over night to the beach fill area, and was not observed. During the beach fill placement overnight the center and south pipelines were extended. The new location of the center pipeline was approximately station 77+40 range -0+82, in the morning and station 78+00 range -0+75 in the afternoon, pointing east. The new location of the south pipeline was approximately station 77+00 range 0+74 in the morning and station 77+90 range 0+34 in the afternoon, pointing east. The pipeline locations changed without beach fill being placed because the bulldozers graded material in the discharge area during the day.

2. One beach fill sample was collected today. Sample CH053 was collected at approximately station 76+50 range -0+94 (N 29.31080° W 89.77767°). The Munsell color of the sample was Dark Grey 2.5Y-4/1, with an approximate grain size of 0.1 mm. Discharge sample was not collected beach the beach fill material was only discharged during the night.

3. During the morning visit one bulldozer was working on maintaining and building the north dike. One bulldozer was moving pipe near station 77+60, near the center pipe end location. One marsh buggy was working in the marsh area that is currently being fill. One marsh buggy was continuing the grading of the marsh fill area between station 9+84 and 53+40.

4. During the afternoon visit a marsh buggy was continuing grading of the marsh fill area between station 9+84 and 53+40. A marsh buggy was working on the north containment dike around station 85+00. Two bulldozers were working on the center containment dike.

5. Leaks along the single pipeline have been repaired. The leak at station 40+00 had caused material along the north side of the pipeline to build up approximately 0.5 to 1 foot above the dune between station 38+70 and station 40+05. The leak at station 44+60 has been fixed. The leak at approximately station 46+04 has been plugged, but has caused a void in the dune north of the pipeline between station 45+75 and station 46+04 (range -1+99 to -1+19).

6. Small rock/shell could be heard moving through the pipeline during the marsh fill process.

7. On 9/27 the Tom James cutterhead excavated below the required strip depth during the marsh fill operation. The maximum vertical violation was approximately 4 feet below the strip depth, but not below the permitted cut depth. The maximum horizontal violation outside the borrow area limits was approximately 6 feet. The horizontal violations and the vertical violations of a depth greater than one foot occurred at the ends of the cutterhead swing and at the boundaries between different cut depths.

DATE: September 28, 2006 OBSERVATION REPORT NO: 187

8. The WMI Daily Quality Control Report (DQCR) for 9/27 shows that the beach discharge location is 77+60, which is incorrect per visual observation. On 9/27 the center discharge location was at approximately station 74+00 and south pipe for beach fill is located at approximately station 75+10. The Tom James DDR has the same discharge location listed for the beach fill. The DDR has the total advance for the sand cut listed under the stripping column added in with the sand cut listed under the beach column instead of keeping each set of advance separate. Under the Leverman's Log in the DDR it shows that 500 feet of plastic pipe was added, but only 480 feet of plastic pipe was added. The correct amount, 480 feet, was added in the total marsh rubber line length.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they checked the depth of two of the gas lines into the native beach, located on the east end of the island. The two gas lines that were checked were the 24" pipe and the 4" pipe.

2. The WMI survey crew stated that they were being sent out to reset grade stakes along station 77+60 and 79+00 for the southern dune crest and the southern dune slope around 16:10. They stated that they checked the stakes and replaced missing or moved stakes between station 77+60 and 80+00.

3. Gary Johnson (WMI) stated that the dredge captain wants to pump marsh fill for approximately 4 hours tomorrow, then move to beach fill during the day. Gary says he will check the elevation of the marsh area that is currently being filled to make there is room for more fill. Beach fill is expected to be pumped during the day tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 30+00.

Marsh buggy grading marsh area near station 35+00.

Void in dune north of pipeline between station 45+75 and 46+04 (range -1+99 and -1+19).

Marsh fill to the north east from station 81+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

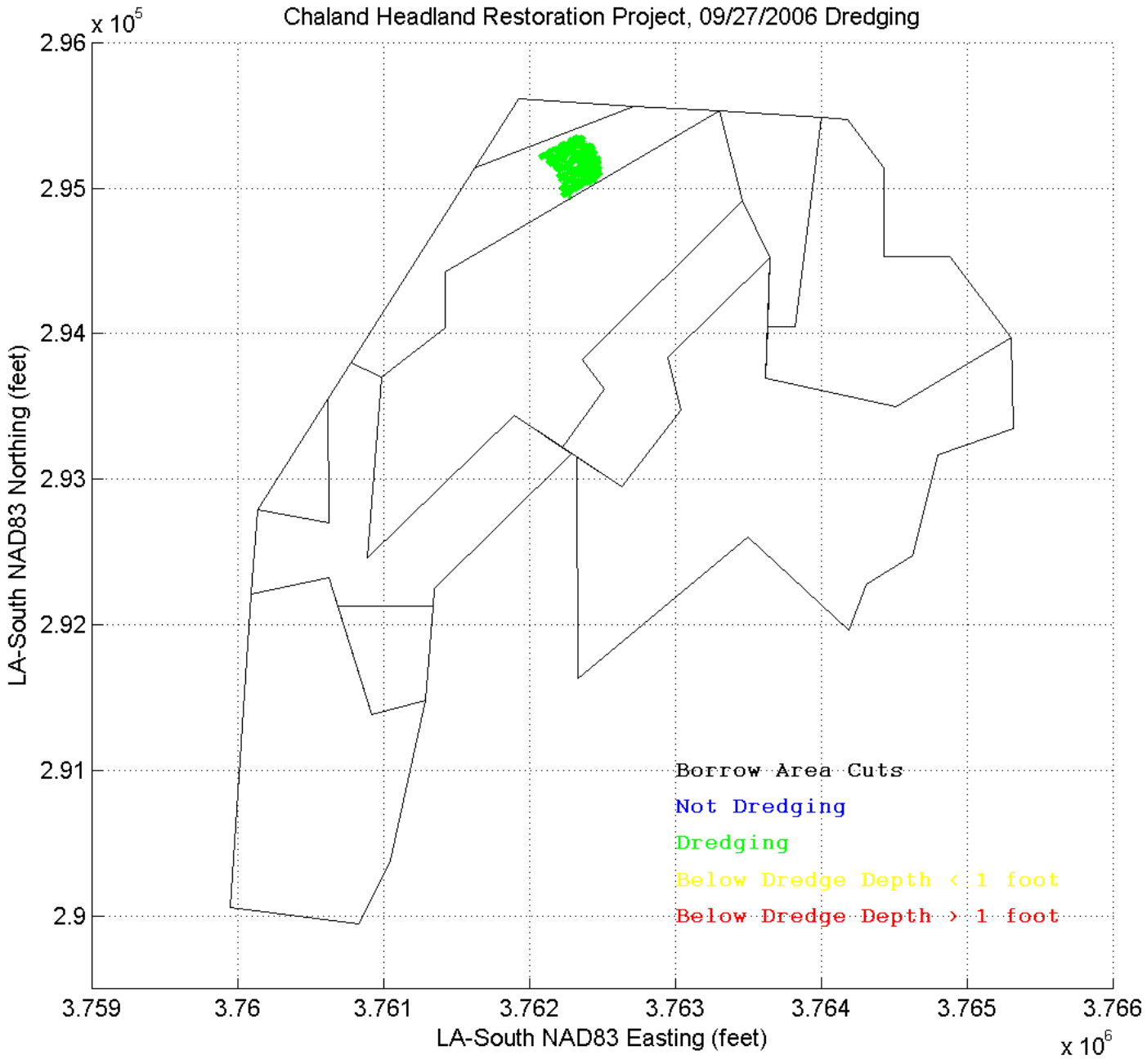
DATE: September 28, 2006 OBSERVATION REPORT NO: 187

Looking west along the northern dune slope from station 70+33.

Marsh buggy working on north dike near station 85+00.

Looking north into the marsh fill along station 79+00.

End of south containment dike at station 91+10 range 2+03.


Chaland Headland Restoration Project, 09/27/2006 Dredging
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LA-South NAD83 Northing (feet)
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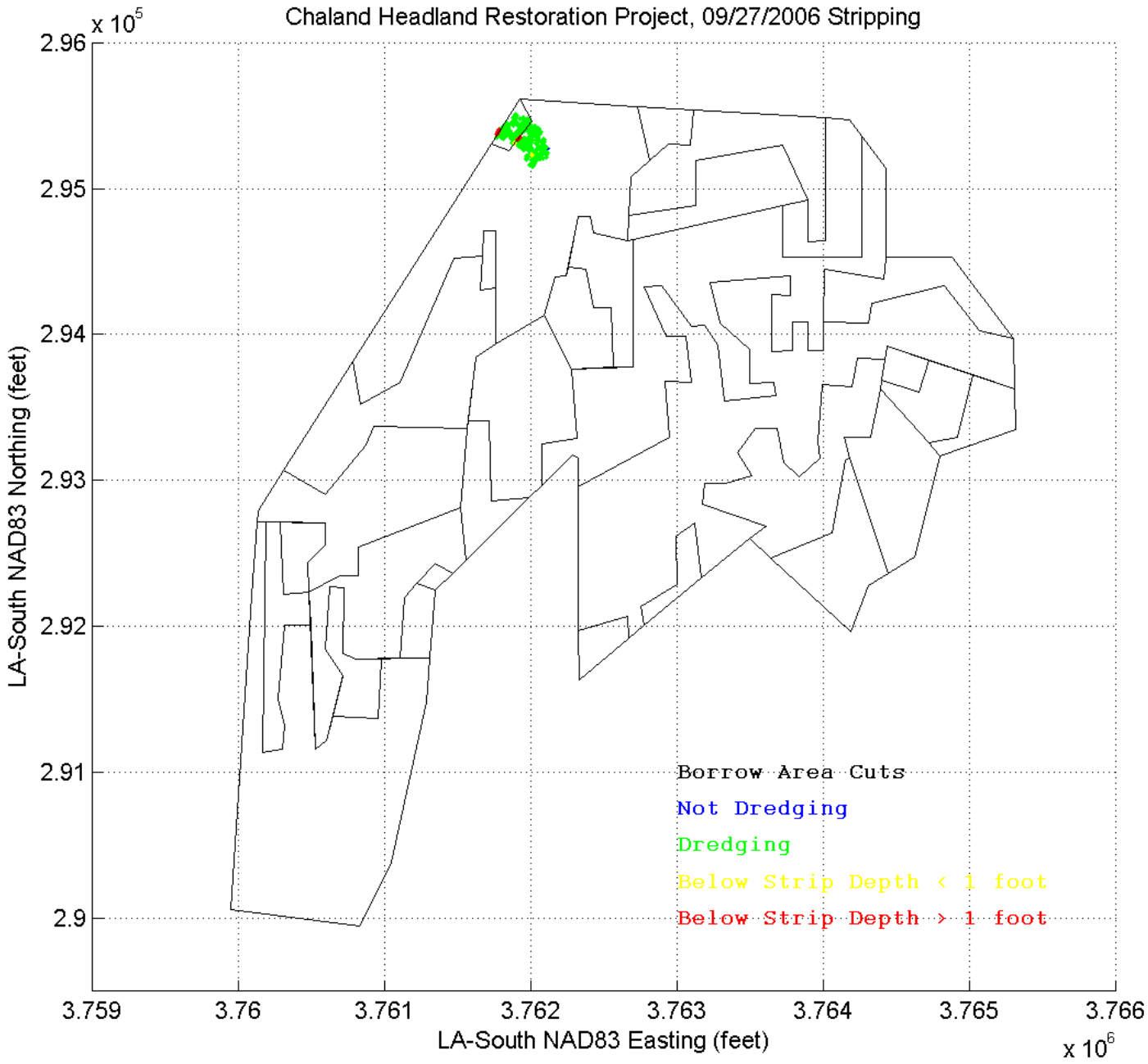
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 09/27/2006 Stripping
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LA-South NAD83 Northing (feet)
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3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 29, 2006 | OBSERVATION REPORT NO: 188
OBSERVER: Catherine Moran | CONTRACT DAY: 318
ARRIVAL TIME: 8:25 | DEPARTURE TIME: 10:30
13:15 | 16:35

WEATHER CONDITIONS:	Clear	
WAVE HEIGHT AND DIRECTION:	SSE <1' (am); S <2' (pm)	
WIND SPEED AND DIRECTION:	NE 10 - 15 mph (am); NE 10 - 15 mph (pm)	
TEMPERATURE:	70°-80° F	
CONSTRUCTION ACTIVITY:	Marsh Fill and Beach Fill	
NORTH OUTFALL LOCATION:	Station 81+20	
CENTER OUTFALL LOCATION:	NA	Observation # 1
SOUTH OUTFALL LOCATION:	NA	Observation # 1
NORTH CONTAINMENT DIKE LOCATION:	Station 94+00	Observation # 3
SOUTH CONTAINMENT DIKE LOCATION:	Station 92+20	
OTHER CONTAINMENT DIKE LOCATION:	Station 88+00	
BEACH FILL AREA EXTENT LOCATION:	Station 94+00	
MARSH FILL AREA EXTENT LOCATION:	Station 90+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DQCR and DDR.		Observation # 8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	Yes	Discussion # 1
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Marsh Fill and Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 2
	Location: CH054, Sta. 78+50 RNG -0+97 (N 29.31080° W 89.76012°), 4:10		
20.	Has a discharge sample been collected?	No	Observation # 2
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation # 4
	Measurement 1:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 29, 2006 OBSERVATION REPORT NO: 188

24.	Are grading and dressing operations of completed fill sections being conducted? Location: station 68+00 to station 75+00	Yes	Observation # 4
25.	Is an acceptance survey for a completed section being conducted today? Location: Marsh Fill: Sta. 7+42 to Sta. 24+36 and Sta. 36+46 to Sta. 48+56	Yes	Observation # 6 Discussion # 2
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation # 1
29.	Is the discharge pipe being moved?	Yes	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the marsh fill area during the daylight hours from the north pipeline located at approximately station 81+20, pointing northeast. Material was discharged over night to the beach fill area, and was not observed. During the beach fill placement overnight the center and south pipelines were extended, but have since been broken apart back to the Y-valve at approximately station 68+00. The single pipeline was then extended to approximately station 75+36. Pipe was being added to the south line out of the Y-valve.

2. One beach fill sample was collected today. Sample CH054 was collected at approximately station 75+50 range -0+97 (N 29.31080° W 89.76012°). The Munsell color of the sample was Dark Grey 2.5Y-4/1, with an approximate grain size of 0.1 mm. A discharge sample was not collected because the beach fill material was only discharged during the night.

3. There are two northern dikes created between the beach fill and the marsh area. One northern dike extends between station 81+00 and station 84+00 along the northern dune crest. Another northern dike extends from station 81+00 to where it meets with the native beach and vegetation near station 94+00. This second northern dike runs east-west approximately 20 feet to 50 feet north of the northern dune crest.

4. Two bulldozers were working on grading the dune between station 68+00 and 79+00 throughout the day. The two bulldozers also worked on breaking down the center and south pipelines to the Y-valve at approximately station 68+00 and then place the pipe together to extend the single shore pipeline to station 75+36. One Y-valve has been placed at approximately station 75+36 with a south pipeline being extended during the afternoon visit. The dune material between station 68+00 and 79+00 was not stable enough to walk berm widths today, and the grading has not been completed east of 70+33.

5. There were two leaks along the single pipeline today. One leak was located at approximately station 65+50. One leak was located at approximately station 54+64, at which the material has built up approximately 0.5 feet above the dune on each side of the pipeline between station 54+10 and station 54+66.

6. The survey crew was observed surveying the marsh along station 24+36, 36+46, 38+88, 41+30, and 43+72. Surveyors paces observed were between 14 feet to 16 feet for one of the surveyors and between 42 feet and 48 feet for the other surveyor. The spacing follows with the required spacing as listed in Technical Provision 36.5, "Data points shall be taken at a spacing of not more than 50 feet." A Fenstermaker employee is onsite observing the survey.

DATE: September 29, 2006 OBSERVATION REPORT NO: 188

7. On 9/28 the Tom James cutterhead excavated below the required strip depth during the marsh fill operation. The maximum vertical violation was approximately 3 feet below the strip depth, but not below the permitted cut depth. The maximum horizontal violation outside the borrow area limits was approximately 4 feet. The horizontal violations and the vertical violations of a depth greater than one foot occurred at the ends of the cutterhead swing and at the boundaries between different cut depths.

8. The WMI Daily Quality Control Report (DQCR) for 9/28 shows that the beach discharge location is 81+11, which is incorrect per visual observation. On 9/28 the center discharge location was at approximately station 78+00 and south pipe for beach fill is located at approximately station 77+90. The marsh fill location was located at approximately station 81+00 on 9/28, and the DQCR has marsh discharge located at 78+00, unchanged from the previous day. The DQCR has one dozer dressing the marsh between station 7+42 and station 53+40, but no dozers have operated on the marsh fill since the bulldozer sank in the marsh fill on 9/27. The DQCR has the D4 #8824 under repair, which was only true for the morning, the dozer was running by the afternoon. The Tom James DDR has the same discharge location listed for the beach fill. The DDR has the total advance for the sand cut listed under the stripping column added in with the sand cut listed under the beach column instead of keeping each set of advance separate. The DQCR has the marsh fill pumping for 9.08 hours and the DDR has the marsh fill pumping for 9.17 hours.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. A WMI shore crew member informed me today that an alligator, approximately 4.5 to 5 feet long was seen in the marsh area near station 77+60, near the landing and access road. I spoke to Gordon Thomson on the matter of safety, to which he stated that I should ask Gary Johnson (WMI) about always having land transportation available so I do not walk the access road and to have someone in the boat with me or follow me with a separate boat. Gary said that this was acceptable.

2. The WMI survey crew stated that the marsh acceptance survey today was conducted on the marsh survey pay lines from station 7+42 to station 24+36 and between station 36+46 and station 48+56. The survey crew stated that they skipped over the section due to the elevation showing checks over 2.8 feet in elevation. The survey crew stated they were going to have a marsh buggy move across the high elevation area. I mentioned the continuation of the marsh buggy on the marsh between station 7+42 and station 54+30 to Gordon Thomson (CPE). Gordon said to have Gary Johnson (WMI) talk to Jason Manthey (NOAA) or Rachel Sweeney (NOAA) about the marsh buggy continuation in this area. I informed Gary to speak with Jason or Rachel.

3. Gary Johnson (WMI) stated that the dredge will start pumping sand tonight and be able to pump sand on the beach throughout the day time and night time for 3 to 4 days. Gary said that over burden removal would start after the dredge has removed all the uncovered sand.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 65+49.

Leak at station 65+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 29, 2006 OBSERVATION REPORT NO: 188

Marsh buggy in the marsh near station 16+00 in the morning.

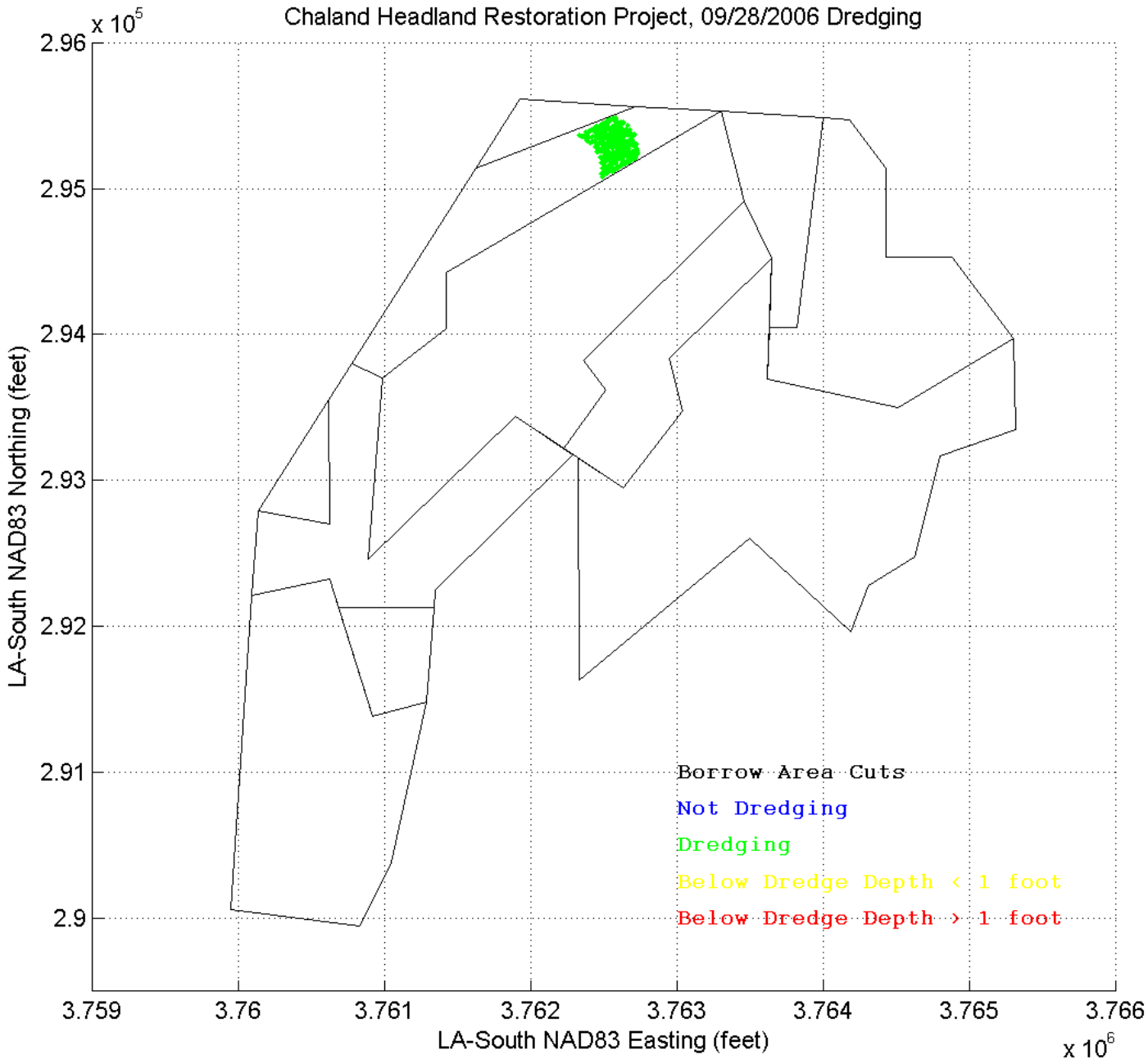
Marsh fill discharge at approximately station 81+20.

Surveyor conducting the marsh survey along station 36+46.

Surveyor running the marsh survey along station 41+30.

Adding one pipe to south side of Y-valve at station 75+36.

Adding second pipe to south pipeline.


Chaland Headland Restoration Project, 09/28/2006 Dredging
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Borrow Area Cuts
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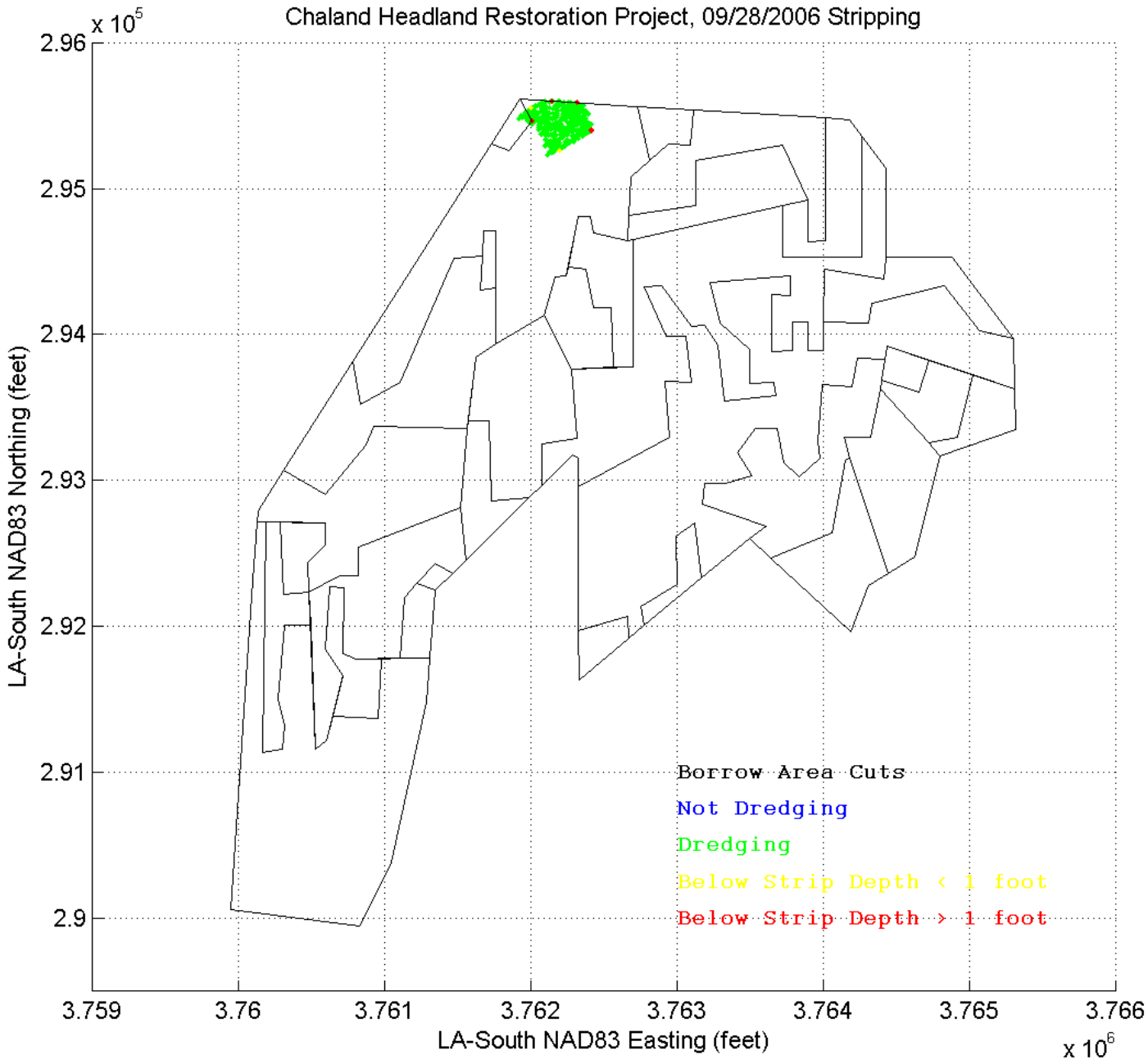
Chaland Headland Restoration Project, 09/28/2006 Stripping
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LA-South NAD83 Easting (feet)
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Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: September 30, 2006 | OBSERVATION REPORT NO: 189
OBSERVER: Catherine Moran | CONTRACT DAY: 319
ARRIVAL TIME: 9:25 DEPARTURE TIME: 11:40
14:00 15:05

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S<2' (am & pm)
WIND SPEED AND DIRECTION: E 5 - 10 mph (am); ESE 0 - 5 mph (pm)
TEMPERATURE: 70°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 81+20
CENTER OUTFALL LOCATION: Station 83+02
SOUTH OUTFALL LOCATION: Station 82+90
NORTH CONTAINMENT DIKE LOCATION: Station 94+00 — Observation # 4
SOUTH CONTAINMENT DIKE LOCATION: Station 95+00
OTHER CONTAINMENT DIKE LOCATION: Station 89+00
BEACH FILL AREA EXTENT LOCATION: Station 97+00
MARSH FILL AREA EXTENT LOCATION: Station 90+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Inconsistencies were observed in the DQCR and DDR. — Observation # 8
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes — Discussion # 4
   Location: station 84+00 to station 101+00

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes — Observation # 1
    Type: Beach Fill
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No — Observation # 7

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — Yes — Observation # 1
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — Yes — Observation # 2
    Location: CH055, Sta. 82+00 RNG -0+56 (N 29.31062° W 89.75923°), 10:25
20. Has a discharge sample been collected? — Yes — Observation # 3
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — Yes
    Measurement 1: Station 71+00 - Measured Width: 276', Template Width: 280'
    Measurement 2: Station 72+00 - Measured Width: 278', Template Width: 280'
    Measurement 3: Station 72+75 - Measured Width: 278', Template Width: 280'
    Measurement 4: Station 74+00 - Measured Width: 272', Template Width: 280'
    Measurement 5: Station 75+00 - Measured Width: 278', Template Width: 280'

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: September 30, 2006 OBSERVATION REPORT NO: 189

Measurement 6: Station 76+00 - Measured Width: 282', Template Width: 280'
Measurement 7: Station 77+00 - Measured Width: 278', Template Width: 280'

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	Observation # 5
	Location: north of pipeline to station 82+70; south of pipeline to station 77+00.		
25.	Is an acceptance survey for a completed section being conducted today?	Yes	
	Location: Marsh Fill: stations 26+78, 29+20, 31+62, 34+04, 46+14, 50+98, & 53+40.		Discussion # 3
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	Yes
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south pipelines using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near station 83+02 range -0+79 and pointed east. The south outfall was located near station 82+90 range 0+57 and pointed east. The slurry from the center and south pipelines flowed east to the extent of fill near station 97+00. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill. The pipeline from the Y-valve at station 75+36 extends to a second Y-valve at approximately station 80+08 range -0+69, where the center and south pipelines extend from. The north pipeline extends only one pipe length off the Y-valve located at station 75+36, to approximately station 75+50 range -1+64. There is no elbow pipe at the end. The plastic pipeline still extends into the marsh to approximately station 81+20, but is not connected to the shore line.

2. One beach fill sample was collected today. Sample CH055 was collected at approximately station 82+00 range -0+56 (N 29.31062° W 89.75923°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm.

3. A discharge sample was collected at approximately 10:16 am, with pictures taken at 10:31 am and then at 11:30 am. Only approximately 90 ml of change in the water/silt line between the two pictures and only approximately 20 ml of sand settled at the bottom of the container.

4. There are two northern dikes created, one between the beach fill and the marsh area, and one along the northern dune crest. One northern dike extends between station 82+90 and station 87+00 along the northern dune crest. Another northern dike extends from station 81+00 to where it meets with the native beach and vegetation near station 94+00. This second northern dike runs east-west approximately 20 feet to 50 feet north of the northern dune crest.

5. One bulldozer was observed working on grading the dune between station 79+00 and station 82+70, north of the pipeline. The bulldozer was grading the top of the dune as well as the northern dune slope. Throughout the day two bulldozers were working on maintaining and extending the containment dikes. During the afternoon visit two bulldozers were preparing to stack the loose pipe scattered along the dune, south of the pipeline between station 70+33 and station 81+00. One bulldozer moved the fuel tank near station 79+00, from station 90+50.

6. There are no more leaks located along the shore pipeline between the shore landing and station 75+36. There was one leak in the pipeline between the two Y-valves, at approximately station 77+60. The fill was stacked up approximately 0.5 feet to 1 foot above the dune along the south side of the pipeline.

DATE: September 30, 2006 OBSERVATION REPORT NO: 189

7. On 9/29 the Tom James cutterhead excavated outside of the required borrow area during both the marsh fill operation and beach fill operation. The maximum horizontal violation was approximately 12 feet outside the borrow area during beach fill, and approximately 13 feet during marsh fill. There were no vertical violations during the dredging on 9/29. The horizontal violations occurred at the ends of the cutterhead swing.

8. The WMI Daily Quality Control Report (DQCR) for 9/29 shows that the marsh fill location was at approximately station 78+00 on 9/29, and by visual observation the marsh discharge was located at approximately station 81+20 on 9/29. The Tom James DDR has the same discharge location listed for the marsh fill. The DDR has the total advance for the sand cut listed under the stripping column added in with the sand cut listed under the beach column instead of keeping each set of advance separate.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) informed me today that he had received an additional borrow area for the project from the government contracting officer, Pam Stichweh. Gary said that the new borrow area and the existing borrow area (Quatre Bayou Borrow Area) do not touch. I did not have specific details on the new borrow area and did not respond.

2. Gary Johnson informed me yesterday (9/28) that he received a slope adjustment from the government. The slope adjustment changes the southern slope from a 1:45 slope from dune crest to the toe of fill, to a 1:30 slope from the dune crest to 1 foot NAVD elevation then a 1:90 slope seaward to the toe of fill. The WMI survey crew stated that they are bringing in the southern dune crest grade stake by 35.7 feet at each station. The WMI survey crew stated that they started staking the berm width adjustment at station 84+00.

3. The WMI survey crew stated that the marsh acceptance survey today was conducted on the marsh survey pay lines at the following stations: 26+78, 29+20, 31+92, 34+04, 46+14, 50+98, and 53+40. The survey crew stated that this completes the marsh pay survey for the first marsh fill cell located between station 7+42 and station 53+40, inclusive.

4. The WMI survey crew stated that they placed grade stakes for the dune fill between station 84+00 and station 101+00 today, with the berm width adjustment. They stated that all previously placed grade stakes in this area with the original berm width and slope were removed.

5. Gary Johnson (WMI) stated that he anticipates 5 days of pumping beach fill, and then the dredge will begin stripping and overcastting the material.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

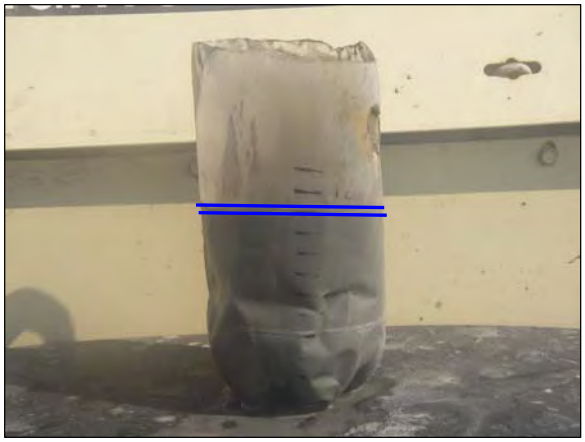
1. No.

Wave condition at station 30+00.

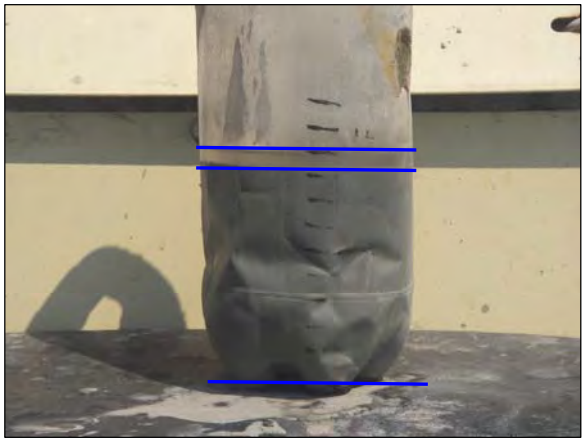
Grade stake with upper tolerance ribbon along station 81+00 in marsh area.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: September 30, 2006 OBSERVATION REPORT NO: 189



Picture of discharge sample taken after 15 minutes (10:31 am).



Picture of discharge sample taken after 1.25 hours (11:30 am).

North pipeline at approximately station 75+50 range -1+64. Y-valve is located at approximately station 75+36 range -1+50.

Moving fuel tank from approximately station 90+50 to station 79+00.

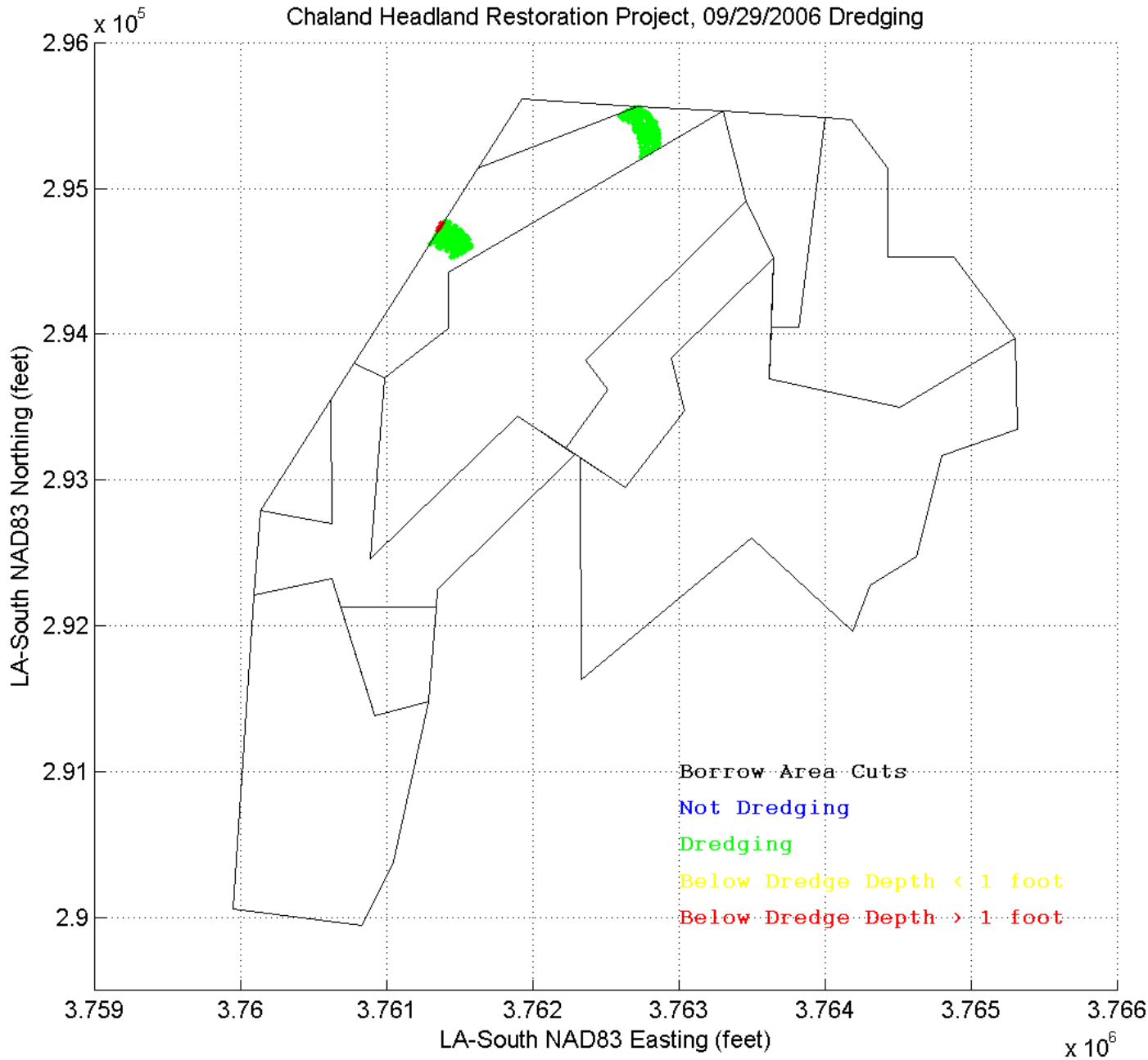
Center discharge at approximately station 83+02 range -0+79.

South discharge at approximately station 82+90 range 0+57.

DATE: September 30, 2006 OBSERVATION REPORT NO: 189

Bulldozer grading northern dune between station 79+00 and station 81+00.

One marsh buggy operator assisting welder in fixing the pipes with holes in them stacked near station 64+00.


Chaland Headland Restoration Project, 09/29/2006 Dredging
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LA-South NAD83 Northing (feet)
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LA-South NAD83 Easting (feet)
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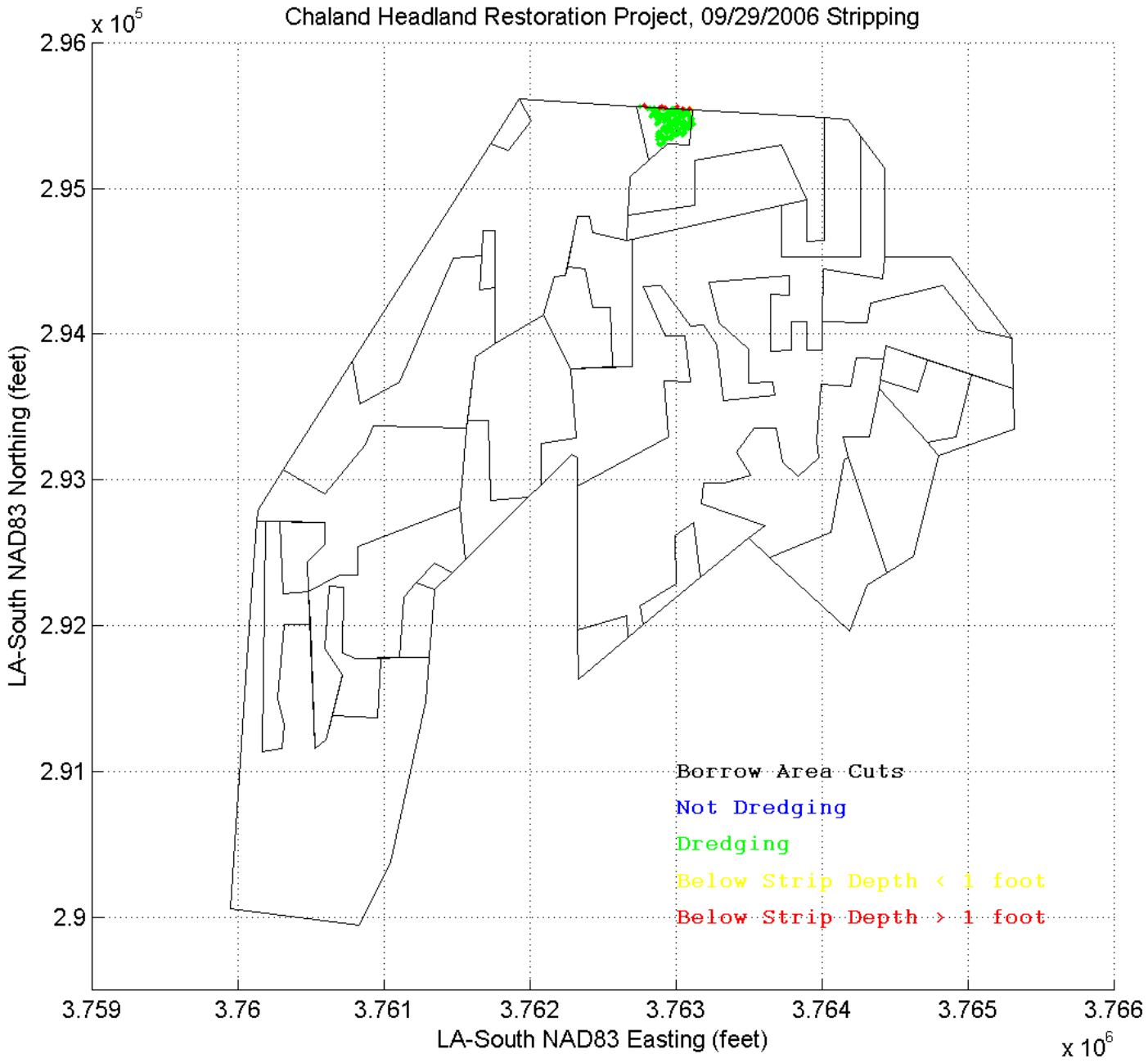
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 09/29/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 1, 2006 | OBSERVATION REPORT NO: 190
OBSERVER: Catherine Moran | CONTRACT DAY: 320
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 12:20
14:30 | 17:20

WEATHER CONDITIONS:	Clear	
WAVE HEIGHT AND DIRECTION:	S <2' (am) & S <1' (pm)	
WIND SPEED AND DIRECTION:	W 0 - 5 mph (am & pm)	
TEMPERATURE:	70°-90° F	
CONSTRUCTION ACTIVITY:	Beach Fill	
NORTH OUTFALL LOCATION:	Station 75+50	Observation # 1
CENTER OUTFALL LOCATION:	Station 83+70	
SOUTH OUTFALL LOCATION:	Station 84+15	
NORTH CONTAINMENT DIKE LOCATION:	Station 94+00	Observation # 4
SOUTH CONTAINMENT DIKE LOCATION:	Station 98+00	
OTHER CONTAINMENT DIKE LOCATION:	Station 91+00	
BEACH FILL AREA EXTENT LOCATION:	Station 101+00	
MARSH FILL AREA EXTENT LOCATION:	Station 90+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DQCR and DDR.		Observation # 11
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion # 3
	Location: station 84+00 to station 101+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 10

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 2
	Location: CH056, Sta. 83+25 RNG -0+68 (N 29.31052° W 89.75895°), 12:00		
20.	Has a discharge sample been collected?	Yes	Observation # 3
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	
	Measurement 1: Station 77+60 - Measured Width: 286', Template Width: 280'		
	Measurement 2: Station 72+00 - Measured Width: 288', Template Width: 280'		
	Measurement 3: Station 72+75 - Measured Width: 278', Template Width: 280'		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 1, 2006 OBSERVATION REPORT NO: 190

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location: southern dune crest between station 79+00 and station 84+00	Yes	Observation # 5
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	Discussion # 4
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	Yes
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south pipelines using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near station 83+70 range -0+94 and pointed east. The south outfall was located near station 84+15 range 0+19 and pointed east. The slurry from the center and south pipelines flowed east to the extent of fill near station 101+00. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill. The north pipeline extends only one pipe length off the Y-valve located at station 75+36, to approximately station 75+50 range -1+64. There is no elbow pipe at the end.

2. One beach fill sample was collected today. Sample CH056 was collected at approximately station 83+25 range -0+68 (N 29.31052° W 89.75895°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm.

3. A discharge sample was collected at approximately 3:45 pm, with pictures taken at 4:00 pm and then at 5:00 pm. The water/silt lined settled by 200 ml, from 690 ml to 490 ml. The sand/silt line went up by approximately 100 ml, from 170 ml to 270 ml.

4. There are two northern dikes created, one between the beach fill and the marsh area, and one along the northern dune crest. One northern dike extends between station 83+50 and station 89+00 along the northern dune crest. Another northern dike extends from station 81+00 to where it meets with the native beach and vegetation near station 94+00. This second northern dike runs east-west approximately 20 feet to 50 feet north of the northern dune crest.

5. One bulldozer was observed working on grading the southern dune slope between station 79+00 and station 84+00. Throughout the day two bulldozers were working on maintaining and extending the north and south containment dikes. Two marsh buggies were operating within the marsh fill area between station 77+60 and station 90+00.

6. The elevation of the material along station 85+00 is stacked up to approximately 5.5 feet NAVD at the northern dune crest. The elevation at mid-dune along station 84+00 is at approximately 5.5 feet NAVD.

7. Two bulldozers were switched out today. Weeks turned in D6 #8846, which had sank in the marsh. WMI received a new D6 bulldozer.

8. Small rock/shell can be heard flowing through the pipeline during the beach fill operation.

DATE: October 1, 2006 OBSERVATION REPORT NO: 190

9. The existing sand fence was measured using GPS coordinates. The northern fence located west of the pipeline is approximately 1,673 feet and the northern fence located on the east side of the pipeline is approximately 449 feet. The southern fence located west of the pipeline is approximately 924 feet and the southern fence located on the east side of the pipeline is approximately 441 feet. Each section of fence was measured, therefore the approximate 30 feet of fence overlap was included in the calculation.

10. On 9/30 the Tom James cutterhead excavated outside of the required borrow area during the beach fill operation. The maximum horizontal violation was approximately 12 feet outside the borrow area. There were no vertical violations during the dredging on 9/30. The horizontal violations occurred at the ends of the cutterhead swing.

11. The WMI Daily Quality Control Report (DQCR) for 9/30 shows that the marsh fill location was at approximately station 78+00. There was no marsh fill placement on 9/30 and the plastic pipe for marsh fill is no longer connected to the shoreline. The Tom James DDR has stations under the marsh column and no marsh fill was pumped. The DDR still has the rubber line length in the marsh column, but as previously stated, the line is no longer connected. In the DQCR "also regraded stakes to match the new template," is written two times in a row.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gordon Thomson gave me information on the new borrow area location today. Gordon said that the existing borrow area and the new borrow area do share a border. Gary has not spoken with me about this matter since yesterday, and therefore I have not tol him that the borrow areas share a side.

2. I spoke with Gordon Thomson (CPE) about the change in berm width, and the shift of 35.7 feet on each profile line. It is my understanding that each profile will have a different change in berm width and CPE has 5 days to redesign the project with the new slopes once Weeks Marine Inc. accepts the new change in slope. I have not spoken with Gary Johnson (WMI) on this matter.

3. The WMI survey crew stated that they placed and replaced grade stakes for the northern dune crest today for station 84+00 to station 101+00. They said that during the night most of the grade stakes were run over or knocked out of place.

4. Scott Mahler submitted the xyz data for the marsh fill pay surveys between station 7+42 and station 53+40.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 30+00.

Receiving a new bulldozer to replace D6 #8846, which is being towed onto the barge.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

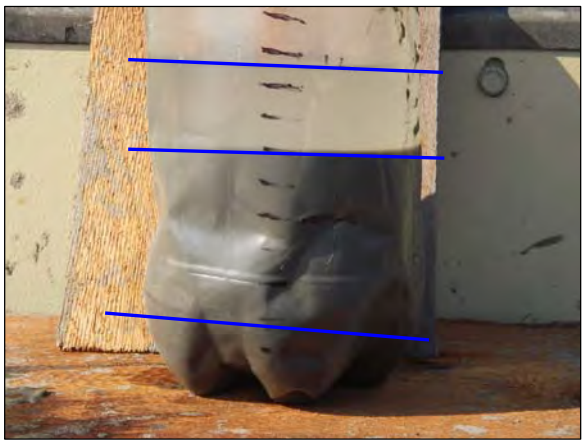
DATE: October 1, 2006 OBSERVATION REPORT NO: 190

Center pipeline discharge at station 83+70 range -0+94.

South pipeline discharge at station 84+15 range 0+19.

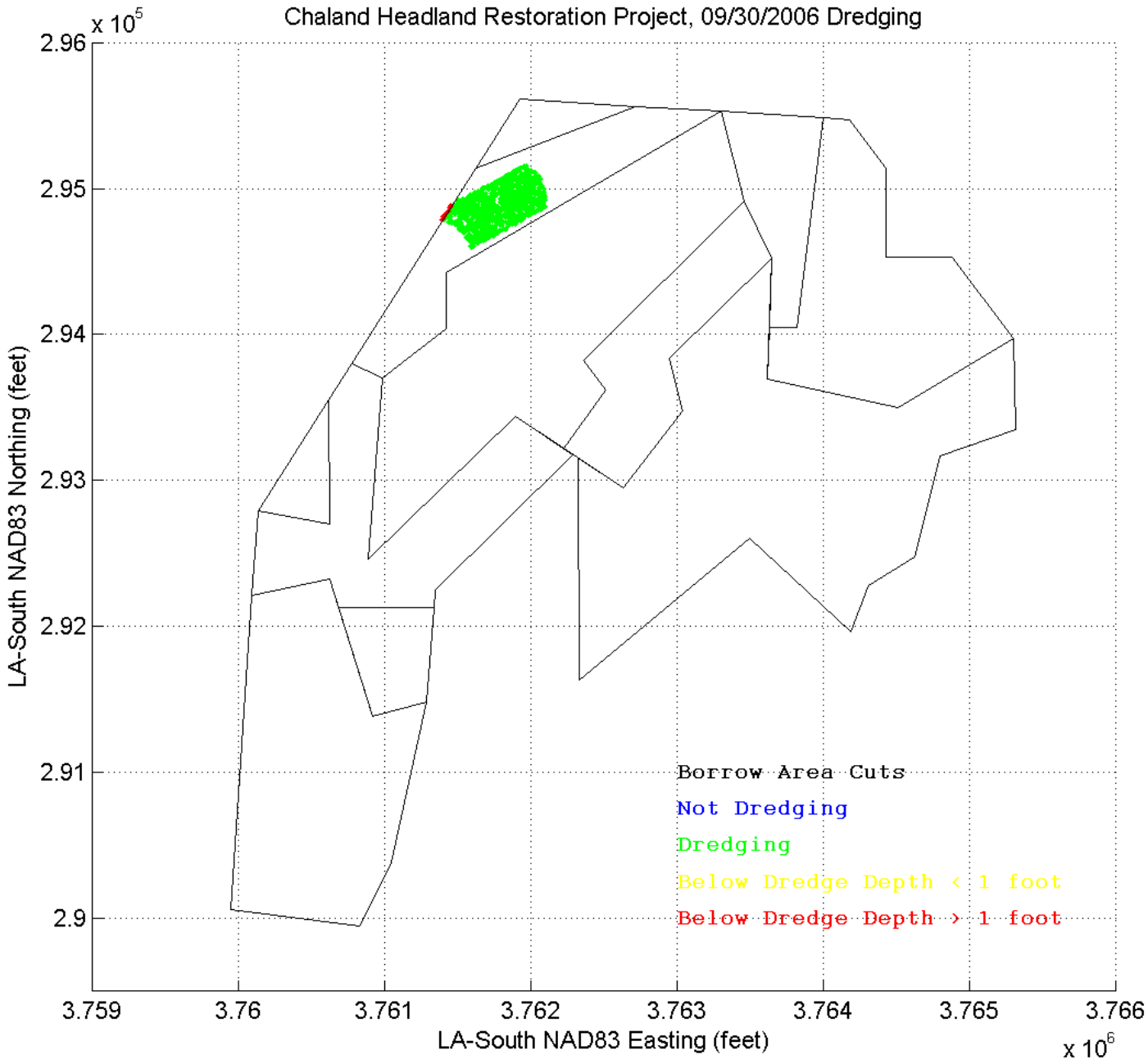
Survey crew restaking northern dune grade at station 84+00.

Bulldozer maintaining north containment dike along northern dune crest.



First picture of discharge sample taken at 4:00 pm.

Second picture of discharge sample taken at 5:00 pm.


Chaland Headland Restoration Project, 09/30/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 2, 2006 | OBSERVATION REPORT NO: 191
OBSERVER: Catherine Moran | CONTRACT DAY: 321
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 11:50
15:40 | 16:30

WEATHER CONDITIONS:	Clear (am); overcast (pm)	
WAVE HEIGHT AND DIRECTION:	S <2' (am) & SSE <2' (pm)	
WIND SPEED AND DIRECTION:	N 0 - 5 mph (am); NE 0 - 5 mph (pm)	
TEMPERATURE:	70°- 85° F	
CONSTRUCTION ACTIVITY:	Beach Fill	
NORTH OUTFALL LOCATION:	Station 75+50	Observation # 1
CENTER OUTFALL LOCATION:	Station 84+70	
SOUTH OUTFALL LOCATION:	Station 84+15	
NORTH CONTAINMENT DIKE LOCATION:	Station 98+00	Observation # 4
SOUTH CONTAINMENT DIKE LOCATION:	Station 98+00 (am); Station 104+05 (pm)	
OTHER CONTAINMENT DIKE LOCATION:	Station 91+00 (am); Station 96+20 (pm)	
BEACH FILL AREA EXTENT LOCATION:	Station 101+00 (am); 106+00 (pm)	
MARSH FILL AREA EXTENT LOCATION:	Station 90+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were observed in the DQCR and DDR.		Observation # 12
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion # 2
	Location: station 101+00 to station 110+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 2
	Location: CH057, Sta. 84+00 RNG 0+74 (N 29.30998° W 89.75818°), 10:55		
20.	Has a discharge sample been collected?	Yes	Observation # 3
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	Observation # 7
	Measurement 1: Station 80+00 - Measured Width: 262', Template Width: 280'		
	Measurement 2: Station 81+00 - Measured Width: 276', Template Width: 280'		
	Measurement 3: Station 82+44 - Measured Width: 242', Template Width: 280'		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 2, 2006 OBSERVATION REPORT NO: 191

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	Observation # 5
	Location: northern dune slope from station 82+50 to station 84+00		
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	NA	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south pipelines using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near station 84+70 range -0+94 and pointed east. The south outfall was located near station 84+15 range 0+19 and pointed east. The slurry from the center and south pipelines flowed east to the extent of fill near station 106+00. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill. The north pipeline extends only one pipe length off the Y-valve located at station 75+36, to approximately station 75+50 range -1+64. There is no elbow pipe at the end.

2. One beach fill sample was collected today. Sample CH057 was collected at approximately station 84+00 range 0+74 (N 29.30998° W 89.75818°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm.

3. A discharge sample was collected at approximately 10:21 am, with pictures taken at 10:36 am and then at 11:36 am. The water/silt lined settled by 250 ml, from 1,000 ml to 750 ml. The sand/silt line went up by approximately 100 ml, from 300 ml to 400 ml.

4. There are two northern dikes created, one between the beach fill and the marsh area, and one along the northern dune crest. One northern dike extends between station 84+50 and station 92+00 along the northern dune crest. Another northern dike extends from station 81+00 to where it meets with the native beach and vegetation near station 96+00. This second northern dike runs east-west approximately 20 feet to 80 feet north of the northern dune crest.

5. The dune between the center and south pipelines has been graded between station 80+10 and station 84+00. One bulldozer was observed working on grading the northern dune slope between station 82+50 and station 84+00. Throughout the day two bulldozers were working on maintaining and extending the north, center, and south containment dikes.

6. One marsh buggy was operating in the marsh area between station 77+60 and station 81+00 in the morning. The second stretcl of plastic pipeline was removed from the other piece of plastic pipeline and was being dragged to the beach area from the marsh during the afternoon visit.

7. The berm widths were measured along station 80+00, 81+00, and 82+44. The berm width at 82+44 is approximately 38 feet smaller than the design template width, which is closer to the adjusted width that the WMI survey crew said they had started at station 84+00.

8. Beach fill material ran outside of the template between approximately station 84+00 and station 101+00. The elevation of the material is approximately 1 foot to 2 feet NAVD, and extends 50 feet to 100 feet seaward of the southern toe of dune.

DATE: October 2, 2006 OBSERVATION REPORT NO: 191

9. Small rock/shell can be heard flowing through the pipeline during the beach fill operation.

10. The WMI survey crew was observed taking check surveys at station 70+33 through station 72+75,

11. On 10/1 the Tom James cutterhead excavated within the required borrow area boundaries and depth cuts during the beach fill operation.

12. The WMI Daily Quality Control Report (DQCR) for 10/1 shows that the beach fill discharge was at station 86+15 on 10/1, and by visual observation the center pipeline discharge was located at approximately station 84+70, and the south pipeline was located at approximately station 84+15, as of this morning, 10/2. The Tom James DDR has the same discharge location listed for the beach fill. The DDR has the total advance for the sand cut listed under the marsh column added in with the sand cut listed under the beach column instead of keeping each set of advance separate. The DQCR has the Miss Helen tug boat as idle on 10/1, but the Miss Helen was used to move the barge from the quarters boat to the project site landing and back to the barge during the day.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they were conducting check surveys on the dune today from station 67+91 to the discharge area.

2. The WMI crew stated that they placed grade stakes from station 101+00 to 110+00. They stated that they replaced missing stakes between the discharge area and station 101+00.

3. Gary Johnson (WMI) stated that beach fill is expected to be pumping till Thursday afternoon. After the available sand has been exhausted the dredge will begin overburden stripping and side casting the material.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

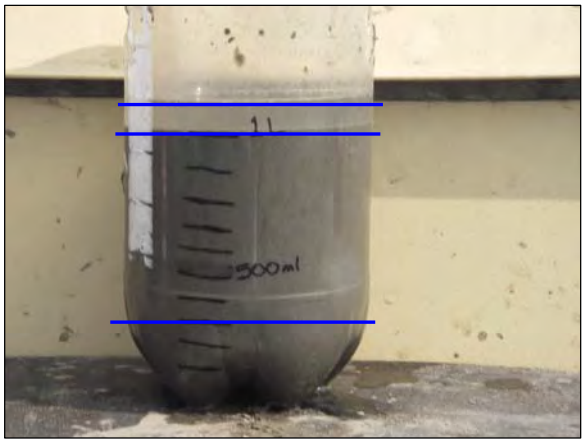
1. No.

Wave condition at station 67+00.

Survey crew conducting check survey along station 72+75.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 2, 2006 OBSERVATION REPORT NO: 191



Discharge sample picture at 10:36 am.

Discharge sample picture at 11:36 am.

Center pipeline discharge at station 84+70 range -0+94.

South pipeline discharge at station 84+15 range 0+19.

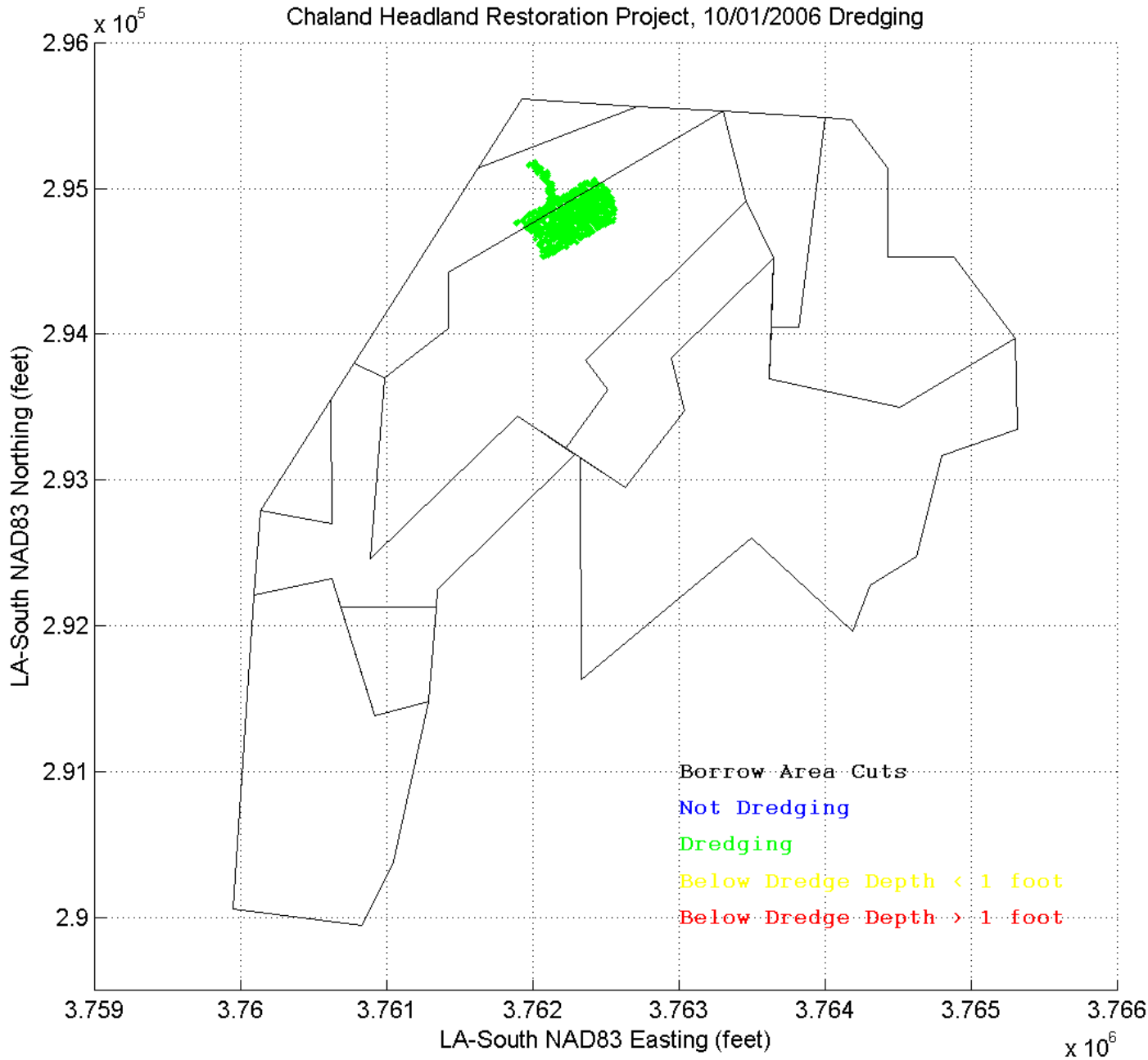
Grading the northern dune near station 84+00.

Marsh buggy moving plastic pipeline out of marsh area.

DATE: October 2, 2006 OBSERVATION REPORT NO: 191

Looking west at material build up extending seaward of the southern toe of dune fill between approximately station 84+00 and station 101+00.

Beach fill being placed during the afternoon visit from the same pipeline locations as the morning.


Chaland Headland Restoration Project, 10/01/2006 Dredging
x 10^5
2.96
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LA-South NAD83 Northing (feet)
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3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 3, 2006 | OBSERVATION REPORT NO: 192
OBSERVER: Catherine Moran | CONTRACT DAY: 322
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:30
15:45 | 16:40

WEATHER CONDITIONS:	partly cloudy (am & pm)	
WAVE HEIGHT AND DIRECTION:	S 1' - 2' (am & pm)	
WIND SPEED AND DIRECTION:	N 0 - 5 mph (am); E 0 - 5 mph (pm)	
TEMPERATURE:	70°- 85° F	
CONSTRUCTION ACTIVITY:	Beach Fill	
NORTH OUTFALL LOCATION:	Station 75+50	Observation # 1
CENTER OUTFALL LOCATION:	Station 91+20	
SOUTH OUTFALL LOCATION:	Station 90+70	
NORTH CONTAINMENT DIKE LOCATION:	Station 98+00	Observation # 4
SOUTH CONTAINMENT DIKE LOCATION:	Station 101+50	
OTHER CONTAINMENT DIKE LOCATION:	Station 97+50	
BEACH FILL AREA EXTENT LOCATION:	Station 104+00	
MARSH FILL AREA EXTENT LOCATION:	Station 90+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: No inconsistencies in the DQCR or DDR for 10/2		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion # 1
	Location: Station 96+96 to Station 105+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 2
	Location: CH058, Sta. 88+86 RNG 0+03 (N 29.30998°, W 89.75818°), 11:20 am		
	Location: CH059, Sta. 86+50 RNG 0+00 (N 29.31012°, W 89.75722°), 11:35 am		
20.	Has a discharge sample been collected?	Yes	Observation # 3
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	Yes	Observation # 7
	Measurement 1: Station 83+00 - Measured Width: 244', Template Width: 280'		
	Measurement 2: Station 84+00 - Measured Width: 246', Template Width: 280'		
	Measurement 3: Station 85+00 - Measured Width: 238', Template Width: 280'		
	Measurement 3: Station 86+00 - Measured Width: 230', Template Width: 280'		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 3, 2006 OBSERVATION REPORT NO: 192

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location: southern dune slope from station 84+00 to station 90+00	Yes	Observation # 5
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	NA
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south pipelines using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near station 91+20 range -0+13 and pointed east. The south outfall was located near station 90+70 range 1+17 and pointed east. The slurry from the center and south pipelines flowed east to the extent of fill near station 104+00. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill. The north pipeline extends only one pipe length off the Y-valve located at station 75+36, to approximately station 75+50 range -1+64. There is no elbow pipe at the end.

2. Two beach fill samples were collected today because of the large advance made overnight, approximately 650 feet. Sample CH058 was collected at approximately station 88+86 range 0+03 (N 29.31012°, W 89.75722°). Sample CH059 was collected at approximately station 86+50 range 0+00 (N 29.31025°, W 89.75790°). The Munsell color of the both samples was Dark Grey 2.5Y-4/1, with an approximate grain size of 0.1 mm.

3. A discharge sample was collected at approximately 10:58 am, with pictures taken at 11:13 am and then at 12:13 pm. The water/silt lined settled by 310 ml, from 1000 ml (1L) to 690 ml. The sand/silt line stayed in approximately the same location, 210 ml.

4. There are two northern dikes created, one between the beach fill and the marsh area, and one along the northern dune crest. One northern dike extends between station 91+00 and station 95+75 along the northern dune crest. The other northern dike extends from approximately station 81+00 to where it meets with the native beach and vegetation near station 98+00. This second northern dike runs east-west approximately 20 feet to 80 feet north of the northern dune crest.

5. The shore crew added pipe to the south pipeline just prior to my arrival in the morning and the discharge flow to the south pipeline started approximately 10 to 15 minutes after my arrival. One bulldozer was observed working on grading the southern dune slope between station 84+00 and station 90+00. Throughout the day two bulldozers were working on maintaining and extending the north, center, and south containment dikes. One bulldozer worked on moving pipes that were stored near station 98+00, west to approximately station 90+00 between the south and center pipelines.

6. During the morning visit the 2 marsh buggy operators were conducting maintenance on one of the marsh buggies. One marsh buggy was operating in the marsh area between station 90+00 and 91+00 during the afternoon visit.

7. The berm widths were measured along station 83+00, 84+00, 85+00, and 86+00. The berm widths at each station was measured smaller than the original template design width of 280', due to a berm width adjustment made by WMI. The survey crew moved the southern dune crest 35.7 feet north, which makes the new template width 244.3 feet, or approximately 244 feet.

DATE: October 3, 2006 OBSERVATION REPORT NO: 192

8. There is a leak in the pipeline near station 32+00.

9. Noticed that the station labels have been marked on the northern dune crest stakes between 83+00 to 98+00.

10. The WMI survey crew was observed checking grade stakes at station 98+00 through station 100+00.

11. On 10/2 the Tom James cutterhead excavated outside of the required borrow area during the beach fill operation. The maximum horizontal violation was approximately 10 feet outside the borrow area boundary. There were no vertical violations during the dredging on 10/2. The horizontal violations occurred at the end of the cutterhead swing.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they were checking the grade stakes today between station 96+96 and station 105+00.

2. I asked the WMI survey crew in the morning if they were planning to label the stations on the grade stakes. At the end of the day the WMI crew stated that they labeled the northern dune crest grade stakes with stations from station 67+91 to station 106+00, and they labeled the southern dune crest grade stakes with stations from station 91+00 to station 101+00.

3. I mentioned the leak in the pipeline near station 32+00 to Gary Johnson (WMI). Gary spoke with the shore crew about fixing the leak.

4. I asked Gary Johnson (WMI) if someone had been cleaning up the man-made debris prior to the beach fill placement, since I noticed some during my afternoon visit today. He stated that the assistant engineer usually cleans up the debris and he would have him go clean up debris in front of the beach fill tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 66+50.

Bulldozer grading the southern slope near station 86+00.

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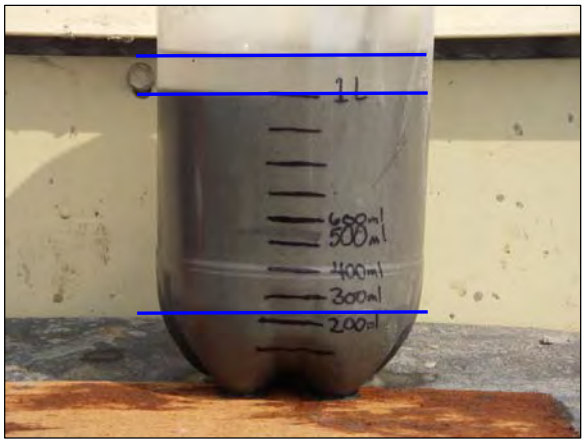
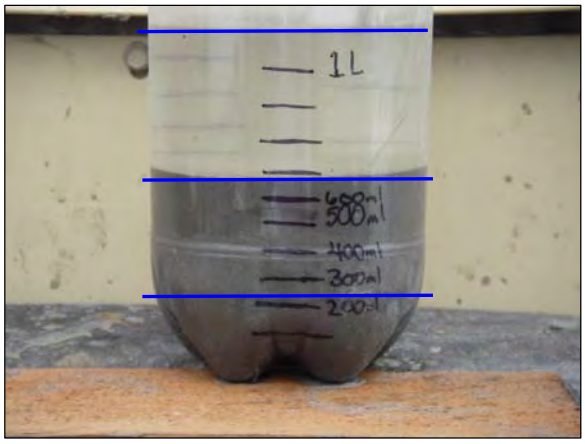
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 3, 2006 OBSERVATION REPORT NO: 192



Center pipeline discharge at station 91+20 range -0+13.



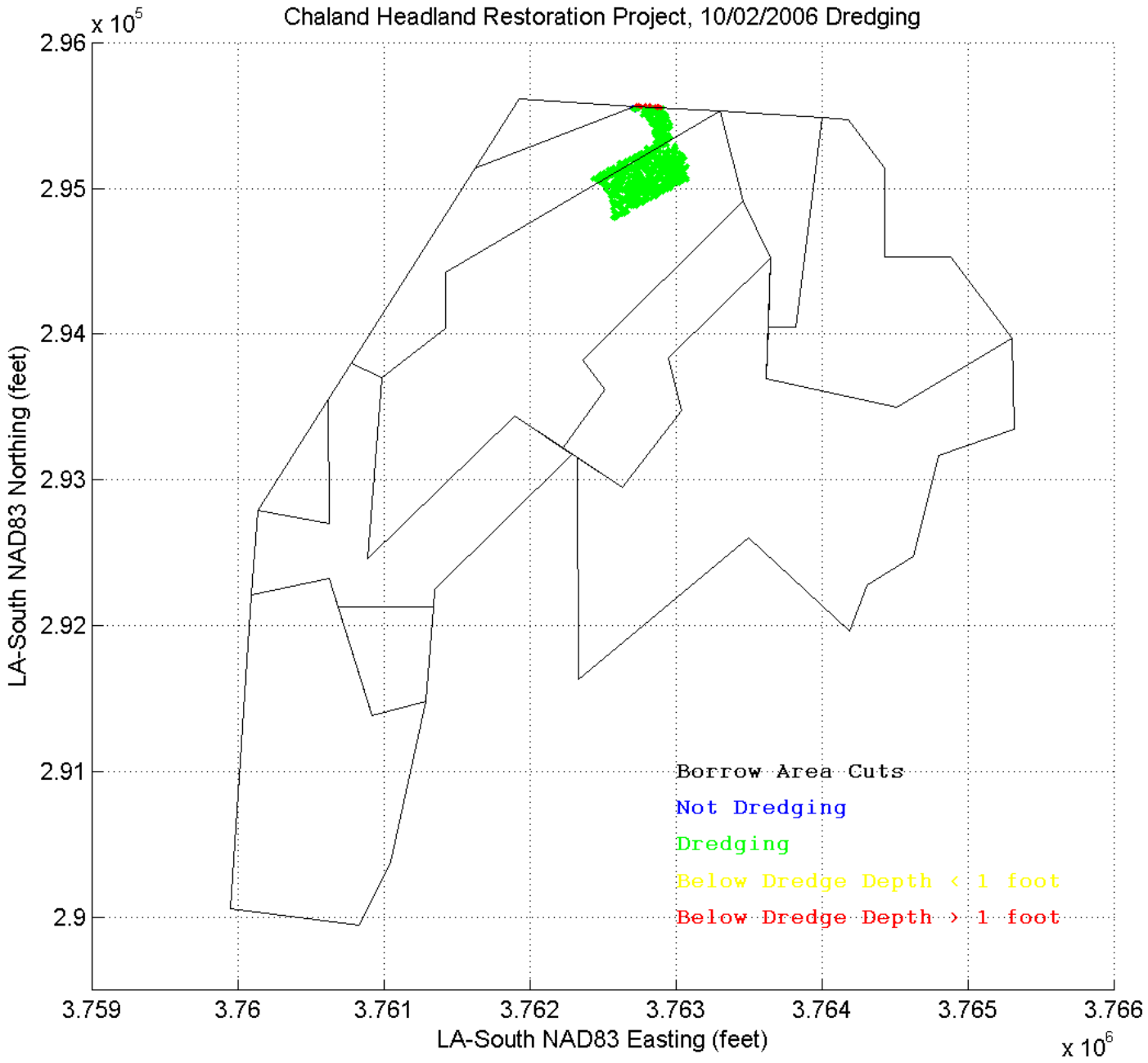
South pipeline discharge at station 90+70 range 1+17.

Center pipeline discharge at station 91+20 range -0+13.

South pipeline discharge at station 90+70 range 1+17.

Bulldozer moving pipe storage location from near station 98+00 to near station 90+00.

Marsh buggy working in marsh near station 90+00.


Chaland Headland Restoration Project, 10/02/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 4, 2006 | OBSERVATION REPORT NO: 193
OBSERVER: Catherine Moran | CONTRACT DAY: 323
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 11:35
15:55 | 17:05

WEATHER CONDITIONS:	partly cloudy (am & pm)	
WAVE HEIGHT AND DIRECTION:	S 1' - 3' (am); SSE 1' - 3' (pm)	
WIND SPEED AND DIRECTION:	E 5 - 10 mph (am); NE 10 - 15 mph (pm)	
TEMPERATURE:	70°- 85° F	
CONSTRUCTION ACTIVITY:	Beach Fill	
NORTH OUTFALL LOCATION:	Station 75+50	Observation # 1
CENTER OUTFALL LOCATION:	Station 92+84	
SOUTH OUTFALL LOCATION:	Station 92+20	
NORTH CONTAINMENT DIKE LOCATION:	Station 105+00	Observation # 4
SOUTH CONTAINMENT DIKE LOCATION:	Station 101+50	Observation # 5
OTHER CONTAINMENT DIKE LOCATION:	Station 99+00	Observation # 5
BEACH FILL AREA EXTENT LOCATION:	Station 104+00	
MARSH FILL AREA EXTENT LOCATION:	Station 90+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation # 10
	DQCR Comments: An inconsistency was found in the DQCR for 10/3		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	Discussion # 3
9.	Was any staking and layout performed today?	Yes	Discussion # 1
	Location: near station 130+84; near station 149+00; between station 106+64 and station 111+48; between station 95+00 and station 105+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 2
	Location: CH060, Sta. 91+00 RNG 0+45 (N 29.30992°, W 89.75657°), 10:40 am		
20.	Has a discharge sample been collected?	Yes	Observation # 3
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation # 8
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 4, 2006 OBSERVATION REPORT NO: 193

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location: toe of southern dune between station 95+00 and station 96+00	Yes	Observation # 6
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	NA
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south pipelines using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near station 92+84 range 0+14 and pointed east. The south outfall was located near station 92+20 range 1+34 and pointed east. The slurry from the center and south pipelines flowed east to the extent of fill near station 104+00. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill. The north pipeline extends only one pipe length off the Y-valve located at station 75+36, to approximately station 75+50 range -1+64. There is no elbow pipe at the end.

2. One beach fill sample was collected today. Sample CH060 was collected at approximately station 91+00 range 0+45 (N 29.30992°, W 89.75657°). The Munsell color of the sample was Dark Grey 2.5Y-4/1, with an approximate grain size of 0.1 mm.

3. A discharge sample was collected at approximately 9:55 am, with pictures taken at 10:10 am and then at 11:10 am. The water/silt lined settled by 200 ml, from 500 ml (1L) to 300 ml. The sand/silt line stayed in approximately the same location, 150 ml.

4. There are two northern dikes created, one between the beach fill and the marsh area, and one along the northern dune crest. One northern dike extends between station 92+12 and station 95+75 along the northern dune crest. The other northern dike extends from approximately station 81+00 to where it meets with the native beach and vegetation near station 105+00. This second northern dike runs east-west approximately 20 feet to 80 feet north of the northern dune crest.

5. The center and south dikes had voids in them where the discharge material was flowing through to the Gulf, filling in the seaward slope of fill. The void is located between approximately station 97+50 to 97+80. The center dike is located approximately 10 feet south of the southern dune crest, range 2+52, and the south dike is located approximately 85 feet south of the southern dune crest, range 3+27.

6. Two bulldozers were observed grading the fill along the southern slope during the afternoon visit. The bulldozers were working to fill in a void that had previously been created in the fill on the southern slope near the toe of fill between station 95+00 and station 96+00.

7. During the morning visit the 2 marsh buggy operators and the maintenance worker were conducting maintenance on one of the marsh buggies.

8. Berm widths were not measured today as the northern slope was not graded east of station 87+00.

DATE: October 4, 2006 OBSERVATION REPORT NO: 193

9. The WMI survey crew was observed checking grade stakes at station 105+00 during the afternoon visit.

10. The DQCR showed that Marsh Buggy #865 was operating yesterday, 10/3, but the marsh buggy was under repair. The marsh buggy was fixed by approximately 5:00 pm today according to the mechanic.

11. On 10/3 the Tom James cutterhead excavated outside of the required borrow area during the beach fill operation. The maximum horizontal violation was approximately 13 feet outside the borrow area boundary. There were no vertical violations during the dredging on 10/3. The horizontal violations occurred at the end of the cutterhead swing.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The WMI survey crew stated that they were doing survey checks at stations 94+00, 95+00, 96+96, 103+00, and 105+00. The survey crew stated that they staked out the no excavation zone near station 130+84. They stated that they staked out the gas lines at the east end of the island near station 149+00. They also stated that they staked out the canal closure between station 106+64 and station 111+48. The WMI survey crew stated that they moved the southern toe of dune grade stakes an additional 100 feet south to assist the operators in placing and grading the fill.

2. The dump foreman stated that two of the shore crew members were fixing the leak located near station 32+00 during the start of my morning observation.

3. The assistant engineer for WMI stated that he picked up trash east of fill placement this morning.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 67+00.

Void between center and south containment dikes between station 97+50 and station 97+80.

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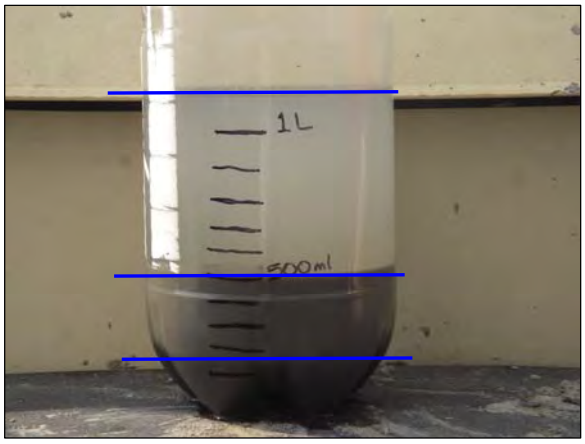
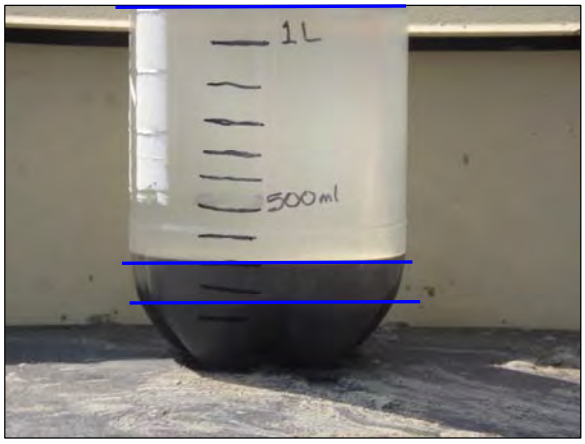
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 4, 2006 OBSERVATION REPORT NO: 193



First picture of discharge sample at 10:10 am.

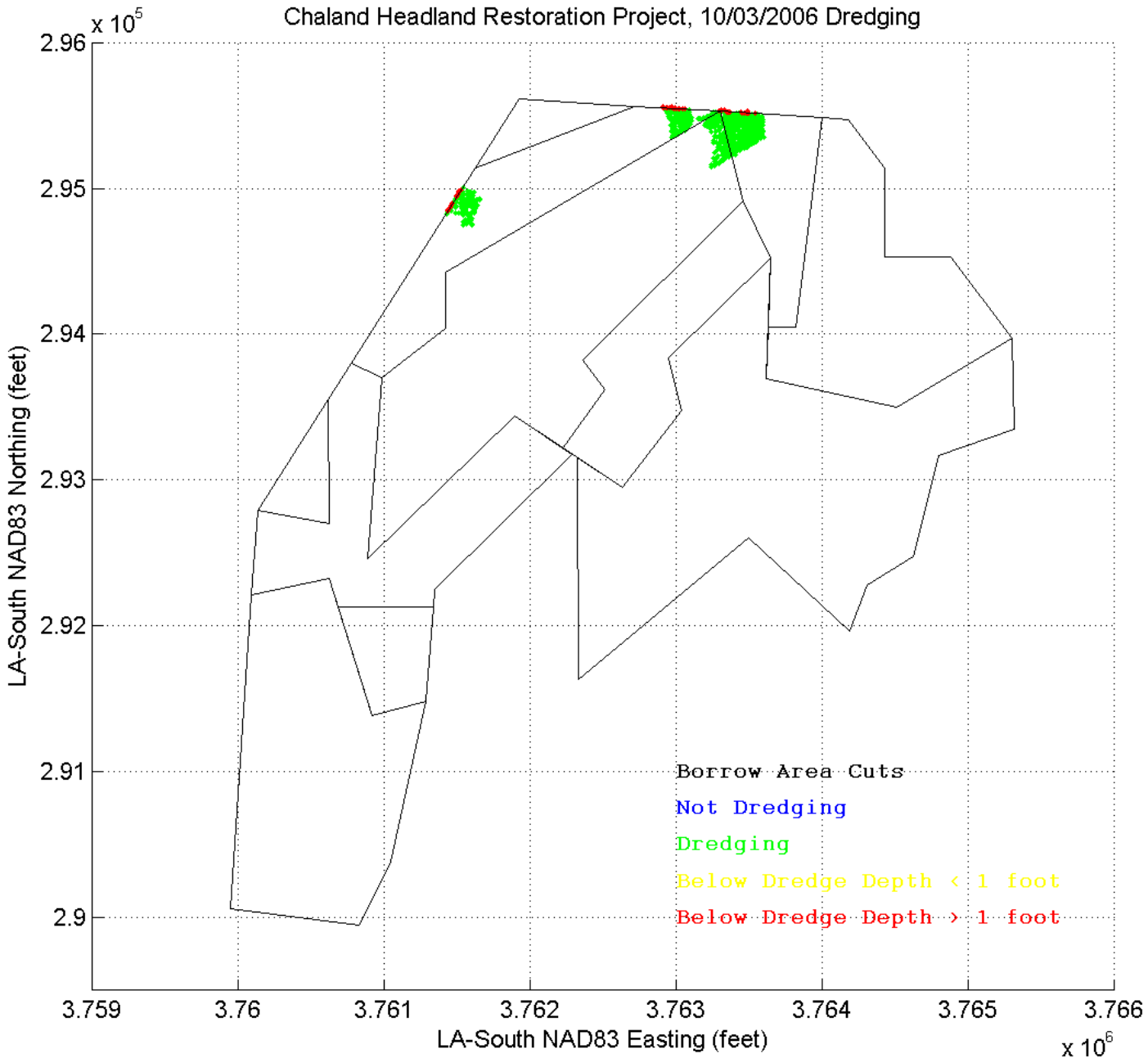


Second picture of discharge sample at 11:10 am.

Center pipeline discharge at station 92+84 range 0+14.

South pipeline discharge at station 92+20 range 1+34.

Two bulldozers grading fill near the southern dune toe of fill between station 95+00 and station 96+00.


Chaland Headland Restoration Project, 10/03/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 5, 2006 | OBSERVATION REPORT NO: 194
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 324
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 10:30
16:30 | 18:00

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: NE 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 75+50
CENTER OUTFALL LOCATION: Station 92+85
SOUTH OUTFALL LOCATION: Station 93+15
NORTH CONTAINMENT DIKE LOCATION: Station 96+96
SOUTH CONTAINMENT DIKE LOCATION: Station 101+50
OTHER CONTAINMENT DIKE LOCATION: Station 99+00
BEACH FILL AREA EXTENT LOCATION: Station 106+64
MARSH FILL AREA EXTENT LOCATION: Station 90+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #12
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #5
	Location: Marsh/beach interface between Station 112+00 and Station 121+00.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	Observation #6
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #6

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #2
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #13

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH061, Sta. 93+10 Ra. -0+10 (N 29.31000° W 89.75592°), 9:57		Observation #10
20.	Has a discharge sample been collected?	No	Observation #11
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 5, 2006 OBSERVATION REPORT NO: 194

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Shore pipe was dismantled east of Station 72+75.	Yes	Observation #4
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #2

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Rachel Sweeney (NOAA), Gordon Thomson (CPE), Catherine Moran (CPE), and Barry Richard (DNR) visited the project site prior to the bi-weekly meeting.

2. Sand was mushroom discharged to the beach from the center and south outfalls using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near Station 92+85 Range 0+20 and pointed east. The south outfall was located near Station 93+15 Range 1+30 and pointed east. The slurry from the center and south outfalls flowed east to the extent of fill near Station 106+64 Range 5+00. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill. The north outfall was located in the marsh creation area near Station 75+50 Range -1+64.

3. The north containment dike extended along the northern extent of the dune crest between Station 92+00 and Station 96+96 and had a crest elevation of approximately 7 feet NAVD. The center containment dike extended along the southern extent of the dune crest between Station 92+00 and Station 99+00 and had a crest elevation of approximately 7 feet NAVD. The south containment dike, located approximately 100 feet south of the center containment dike, extended between Station 92+00 and Station 101+50 and had a crest elevation of approximately 4 feet NAVD.

4. Beach fill operations ceased around 11:00. The shore pipe east of Station 72+75 was dismantled.

5. The marsh fill elevation near Station 72+75 Range -6+00 was low relative to the elevation of the surrounding marsh fill as standing water was observed at this location. See discussion item #2.

6. The elevation of the primary dike between Station 72+75 and Station 77+60 appeared to be below the design elevation. See discussion item #3.

7. Standing water was still observed in the marsh creation area between Station 53+40 and Station 7+42; however, dry areas were present between Station 43+72 and Station 9+84.

8. Grade stakes remain on the beach east of Station 43+72.

9. The western extent of fill remains marked with construction fencing to warn boaters navigating through Pass La Mer of the shallow water west of the visible project footprint.

10. Sand sample CH061 was taken near Station 93+10 Range -0+10 (N 29.31000° W 89.75592°). The sand sample taken at this location had an approximate grain size of 0.1 mm. The Munsell color was not obtained as Gordon Thomson (CPE) took the sample back to the CPE office in Boca Raton for a sieve analysis; the sample was similar in color to previous samples collected.

DATE: October 5, 2006 OBSERVATION REPORT NO: 194

11. A discharge sample was not collected as beach fill operations ceased prior to the second observation.

12. Operating equipment inconsistencies were observed in the 10/4 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that 3 bulldozers and 2 marsh buggies worked the beach fill/grade and moved pipe while item #3, equipment data, lists 3 bulldozers as operating, 2 bulldozers as operating/idle, 2 marsh buggies as operating, and 1 marsh buggy as operating/idle. Item #3, equipment data, appears vague as it does not directly list non-operating equipment as idle.

13. On 10/4 the Tom James cutterhead excavated approximately 25 feet outside the horizontal limits of the borrow area for less than 3 minutes 59 times between 0:16 and 14:28.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gordon Thomson (CPE), Catherine Moran (CPE), Rachel Sweeney (NOAA), Barry Richard (DNR), Gary Johnson (WMI), Kenneth Mahler (WMI), and I participated in the bi-weekly meeting. Items discussed included: the beach and marsh fill pay volume status, marsh fill elevations, the revised plans with the adjusted slope, the construction schedule, and other pay items such as canal and breach closures. These items are further discussed in the bi-weekly meeting minutes.

2. I spoke with Gary Johnson (WMI) about the standing water and the elevation of the marsh creation area near Station 72+75 Range -6+00. Gary stated that he would drain this area tomorrow so the fill elevation can be verified. Gary said that the design elevation should be achieved as the marsh fill consistently flowed through this area. Gary stated that prior to pumping this was a relatively low area surrounded by high areas. Gary said that if the elevation is low that the area will be filled with overburden to achieve the design elevatio

3. I spoke with Gary Johnson (WMI) about the elevation of the primary dike between Station 72+75 and Station 77+60. Gary stated that he observed the low elevation of the primary dike in this area. I informed Gary that overtopping the primary dike at this location is a concern as nearby oyster leases could be impacted by the resultant turbidity. Gary said that if additional pumping is performed in this area a marsh buggy will lift the primary dike at this location to prevent overtopping.

4. I spoke with Gary Johnson (WMI) about pumping operations. Gary stated that the Tom James is side casting overburden material within the horizontal limits of the borrow area. Gary said that the side casting operation will continue thru Saturday. Gary said that marsh creation operations will resume near Station 90+42 on Saturday or Sunday to advance the marsh fill east to Station 111+48. Gary said that the marsh fill will flow east and enter the canal near Station 96+96. Gary stated that a marsh buggy will close the canal near Station 106+64 to prevent the marsh fill from flowing south into the Gulf of Mexico. Gary said that night time beach fill operations may begin on Saturday or Sunday depending on operator availability.

5. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the marsh grade was checked along Station 58+23, Station 63+08, and Station 72+75. Eric said that beach check surveys were conducted between Station 98+00 and Station 106+00. Eric stated that the marsh/beach interface was staked between Station 112+00 and Station 121+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Center outfall near Station 92+85 Range 0+20.

South outfall near Station 93+15 Range 1+30.

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CONSTRUCTION OBSERVATION REPORT - PAGE 4

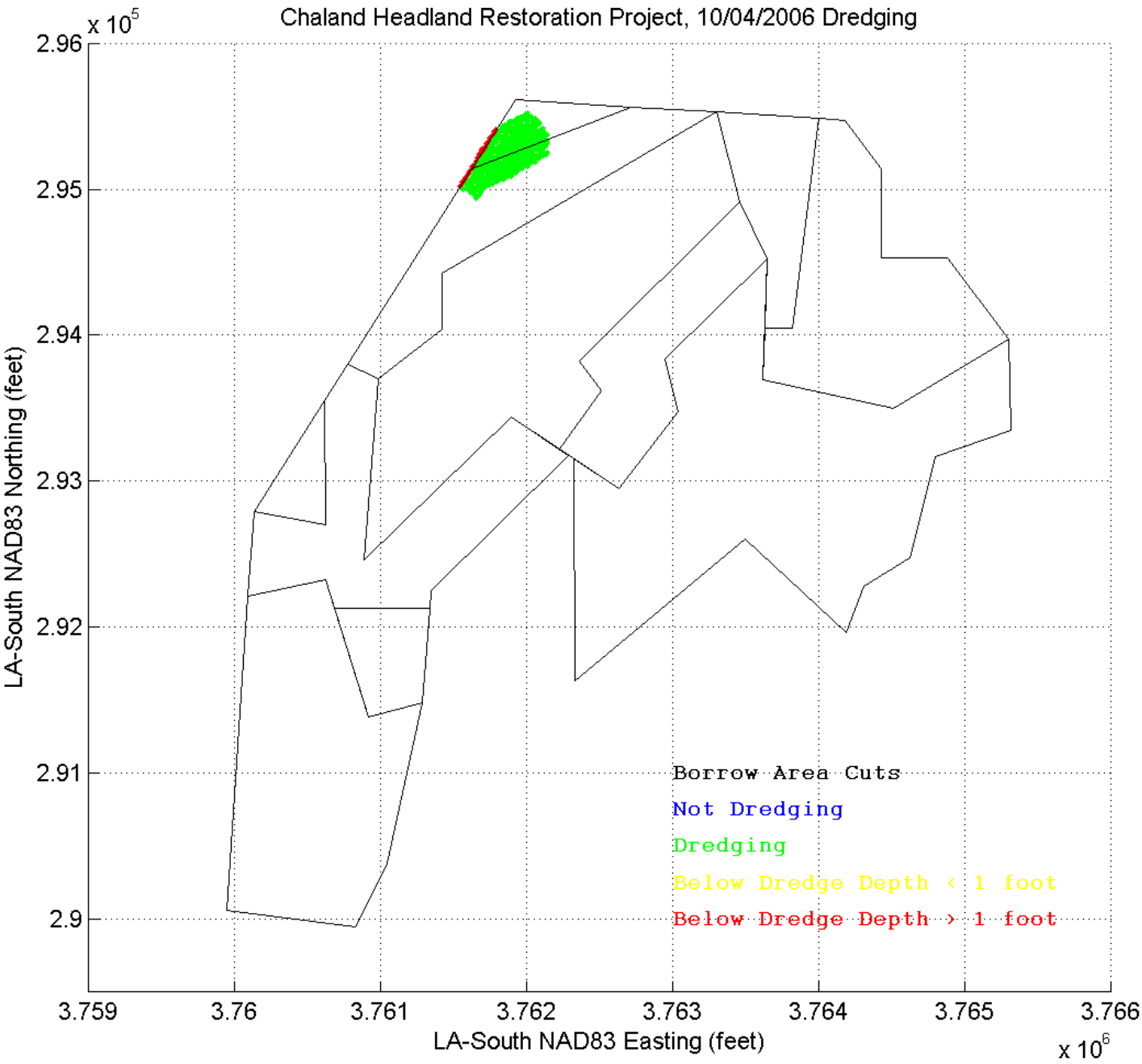
DATE: October 5, 2006 OBSERVATION REPORT NO: 194

Standing water in the marsh creation area near Station 72+75 Range -6+00.

Standing water in the marsh creation area near Station 43+72.

Broken down shore pipe near Station 77+60.

Gulf of Mexico wave conditions near Station 77+60.


Chaland Headland Restoration Project, 10/04/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 6, 2006 | OBSERVATION REPORT NO: 195
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 325
ARRIVAL TIME: 15:00 DEPARTURE TIME: 17:00

WEATHER CONDITIONS: Overcast, Rain
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: ENE 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Overburden Removal and Fill Preparation
NORTH OUTFALL LOCATION: Station 91+40
CENTER OUTFALL LOCATION: Station 92+80
SOUTH OUTFALL LOCATION: Station 93+10
NORTH CONTAINMENT DIKE LOCATION: Station 96+96
SOUTH CONTAINMENT DIKE LOCATION: Station 101+50
OTHER CONTAINMENT DIKE LOCATION: Station 99+00
BEACH FILL AREA EXTENT LOCATION: Station 106+64
MARSH FILL AREA EXTENT LOCATION: Station 90+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 6, 2006 OBSERVATION REPORT NO: 195

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh today. See discussion item #1.

2. A Y-valve located near Station 86+50 Range -1+30 split the beach outfalls from the marsh outfall. The north outfall, located in the marsh creation area, was near Station 91+40 Range -5+50 and pointed northeast without a diffuser or 90° dredge pipe elbow at the end of the pipe. A Y-valve located near Station 91+30 Range 0+60 split the two beach outfalls. The center outfall was located near Station 92+80 Range 0+40 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The south outfall was located near Station 93+10 Range 1+30 and pointed east with a 90° dredge pipe elbow at the end of the pipe.

3. A marsh buggy graded the marsh on the bank of the equipment access road near Station 79+00 Range -6+00. A second marsh buggy built-up the low lying areas near Station 80+00 Range -5+00 where the flow of marsh fill was inhibited due to the outfall location.

4. Multiple track lines were observed on the completed beach between Station 29+20 and Station 67+91.

5. The shore pipe was located approximately 40 feet south of the northern extent of the dune crest between Station 29+20 and the fill area near Station 90+00

6. Operating equipment inconsistencies were observed in the 10/5 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that 3 bulldozers and 2 marsh buggies worked the beach fill/grade and moved pipe while item #3, equipment data, lists 3 bulldozers as operating, 2 bulldozers as operating/idle, 2 marsh buggies as operating, and 1 marsh buggy as operating/idle. Item #3, equipment data, appears vague as it does not directly list non-operating equipment as idle.

7. On 10/5 the Tom James cutterhead excavated approximately 25 feet outside the horizontal limits of the borrow area for less than 1 minute 8 times between 6:56 and 10:16. On 10/5 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 8 minutes on several occasions. The Tom James excavated an average of approximately 0.9 feet and a maximum of approximately 4.8 feet below the required overburden removal strip depth.

8. Gary Johnson (WMI) left the project site and Paul Stewart (WMI) arrived on the project site. See discussion item #4.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about pumping operations. Paul stated that the Tom James was stripping overburden from the borrow area and side casting the material within the horizontal limits of the borrow area. Paul said that beach fill and marsh creation operations should resume tomorrow. Paul stated that marsh creation operations should start early tomorrow afternoon and continue throughout the day with beach fill operations resuming tomorrow night

DATE: October 6, 2006 OBSERVATION REPORT NO: 195

2. I spoke with Gary Johnwon (WMI) about the marsh template, particularly the primary dike portion of the marsh template. Technical Provision 28.2 states that "Primary dikes must be constructed to a minimum elevation of +4.5 feet NAVD with a tolerance of +1.0 foot. Primary dikes shall have a minimum crest width of 5 feet. Other dike dimensions including side slope and base width are at the discretion of the CONTRACTOR provided the structure is substantial eneough to prevent a blowout, discharge of fill material, and/or turbid water deischarge into adjacent water bodies. The CONTRACTOR must provide a plan for preimary dike construction including a representative drawing of dike dimensions seven (7) days preior to the pre-constrsuction convference." I spoke with Gordon Thomson (CPE) about the side slope of the primary dike. Gordon stated that WMI submitted a typical cross section of the primary dike without a specified side slope in the pre-construction submittal. The CPE marsh template uses a primary dike side slope of 1V:8H. I informed Paul Stewart (WMI) of the primary dike dimensions stated in Technical Provision 28.2 and the side slope used by CPE. Paul stated that the primary dike dimensions in the WMI marsh template will use the dimensional requirements stated in Technical Provision 28.2 and the 1V:8H side slope.

3. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that grade stakes were pulled between Station 43+72 and Station 67+91 and the marsh elevation was checked in the low area near Station 72+75. Eric said that the marsh elevation in the low area near Station 72+75 was approximately 2.6 feet NAVD.

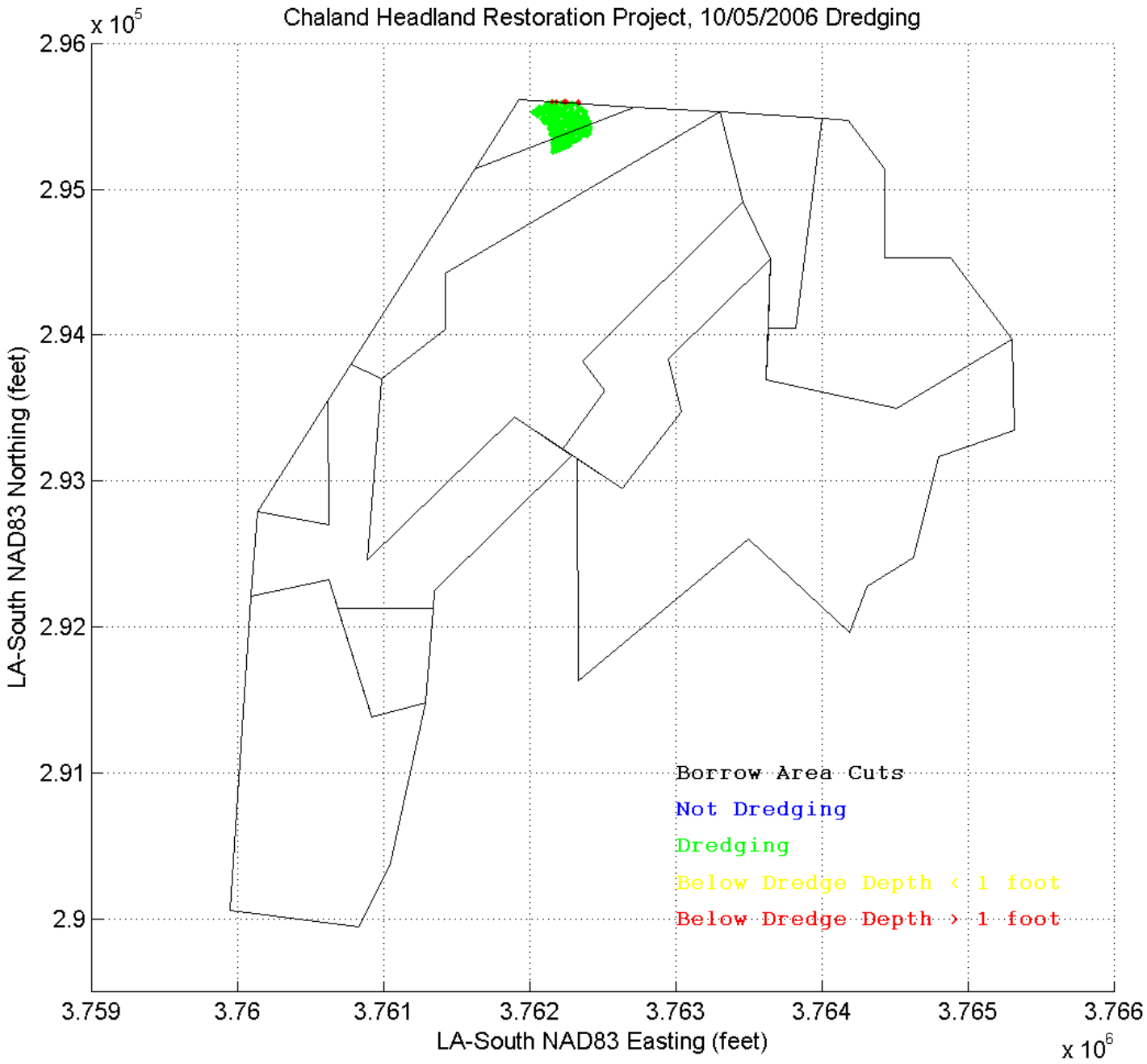
4. I spoke with Gary Johnson (WMI) about his weekend leave. Gary stated that he will be returning on Tuesday.

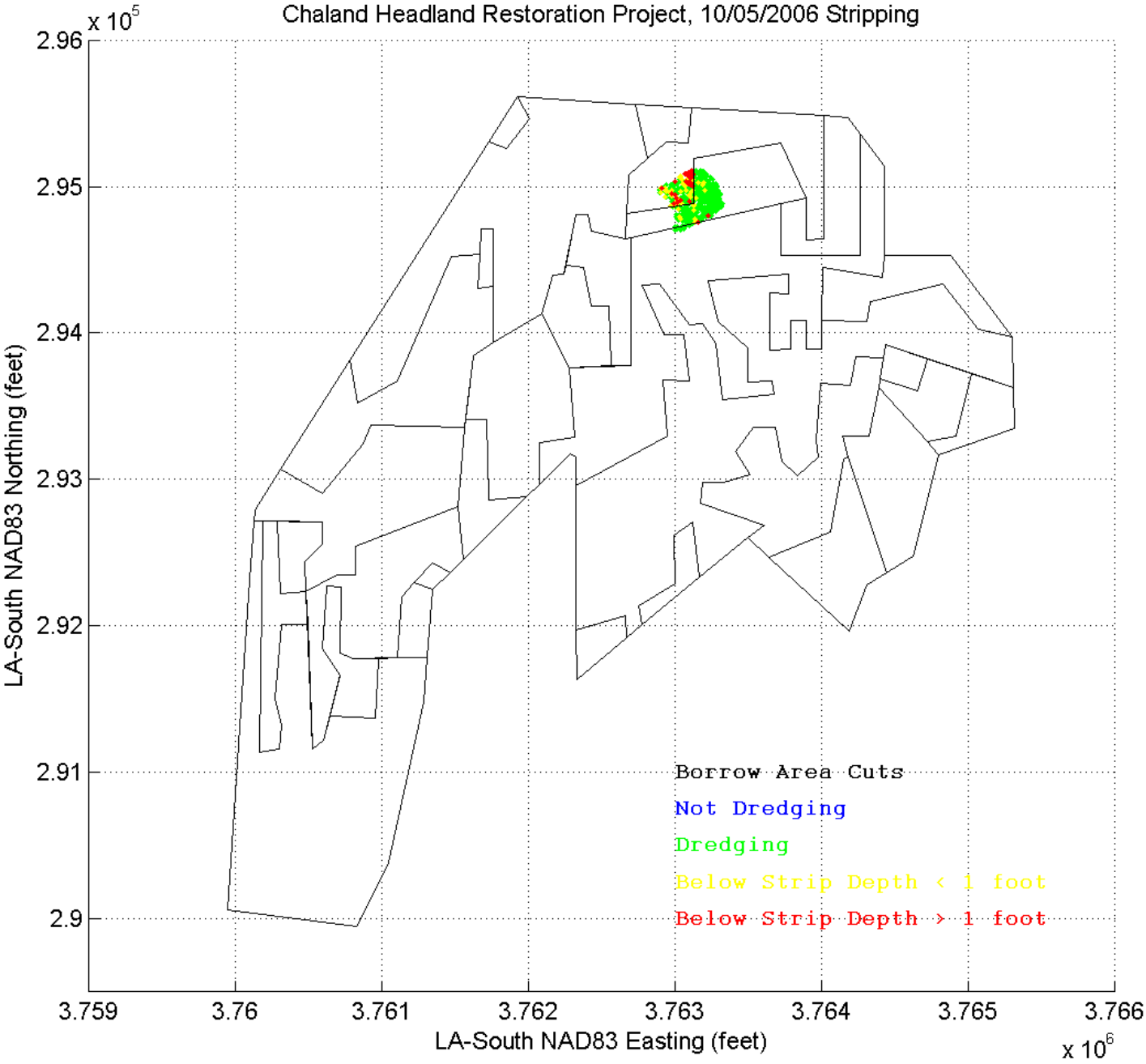
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Marsh buggy grading the marsh on the bank of the equipment access road near Station 79+00 Range -6+00.

Gulf of Mexico wave conditions near Station 72+75.


Chaland Headland Restoration Project, 10/05/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/05/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 7, 2006 | OBSERVATION REPORT NO: 196
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 326
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 11:30
15:00 | 17:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: NNE 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Overburden Removal and Fill Preparation
NORTH OUTFALL LOCATION: Station 91+40
CENTER OUTFALL LOCATION: Station 92+80
SOUTH OUTFALL LOCATION: Station 93+10
NORTH CONTAINMENT DIKE LOCATION: Station 97+60
SOUTH CONTAINMENT DIKE LOCATION: Station 101+50
OTHER CONTAINMENT DIKE LOCATION: Station 111+48
BEACH FILL AREA EXTENT LOCATION: Station 106+64
MARSH FILL AREA EXTENT LOCATION: Station 90+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Operating equipment inconsistencies within the WMI DQCR. — Observation #6
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes
   Location: Sand fence staking between Station 40+00 and Station 63+21. — Observation #2

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes
    Type: Overburden Removal
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No — Observation #7

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Are grade stakes in place for the fill location? — N/A
18. Has debris been removed prior to placement of fill? — N/A
19. Has a representative sand sample been collected? — N/A
    Location:
20. Has a discharge sample been collected? — N/A
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — No
    Measurement: — Observation #8
23. Are escarpments being leveled? — N/A
24. Are grading and dressing operations of completed fill sections being conducted? — No
    Location:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 7, 2006 OBSERVATION REPORT NO: 196

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh today. See discussion item #1.

2. The WMI surveyors staked the northern sand fence line near Station 62+00. See discussion item #2.

3. A bulldozer and a marsh buggy worked the south end of the equipment access road near Station 78+00 between Range -2+00 and Range -3+50. See discussion item #3.

4. The north containment dike extends along the northern extent of the dune crest between Station 92+00 and Station 97+60 and has a crest elevation of approximately 9 feet NAVD. The south containment dike extends along the southern extent of the dune crest between Station 92+00 and Station 101+50 and has a crest elevation of approximately 8 feet NAVD. A third containment dike extended along the northern toe of beach fill between Station 90+00 and Station 111+48 and had a crest elevation of approximately 6 feet NAVD; the containment dike along the northern toe of beach fill utilized the existing high ground east of Station 109+06.

5. The beach fill extended to Station 106+64 and had an elevation of approximately 2 feet NAVD near Station 101+00 and an elevation of approximately 1 foot NAVD near Station 106+64.

6. Operating equipment inconsistencies were observed in the 10/6 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that 3 bulldozers worked the beach fill/grade and pipe relocation while item #3, equipment data, lists only 2 bulldozers as operating.

7. On 10/6 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 5 minutes on several occasions. The Tom James excavated an average of approximately 1.0 feet and a maximum of approximately 4.6 feet below the required overburden removal strip depth.

8. Berm widths were not measured today as the southern slope of the dune was not graded east of station 87+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James was stripping overburden from the borrow area and side casting the material within the horizontal limits of the borrow area. Paul stated that marsh creation and beach fill operations will resume tomorrow; marsh creation operations will take place during the day and beach fill operations will take place during the night.

DATE: October 7, 2006 OBSERVATION REPORT NO: 196

2. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the survey crew staked the northern sand fence line between Station 40+00 and Station 63+21.

3. I spoke with Paul Stewart (WMI) about the equipment access road construction. Paul stated that the marsh buggy first removed the wet fill from the area to prevent the new fill material from liquefying. The bulldozer then moved dry material over the area to rebuild the equipment access road near Station 78+00 between Range -2+00 and Range -3+50.

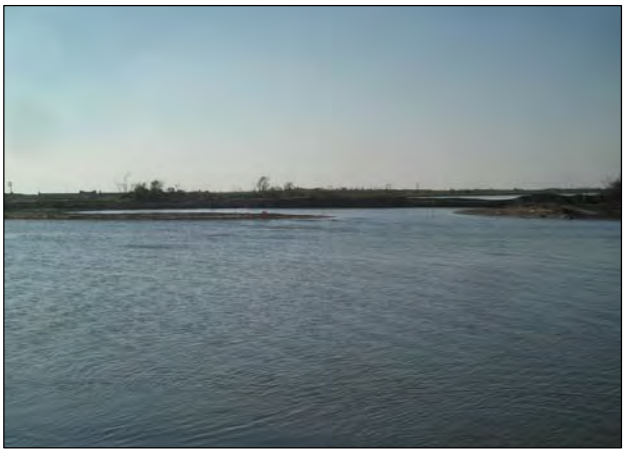
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Center outfall near Station 92+80 Range 0+40.

South outfall near Station 93+10 Range 1+30.

North outfall near Station 91+40 Range -5+50.



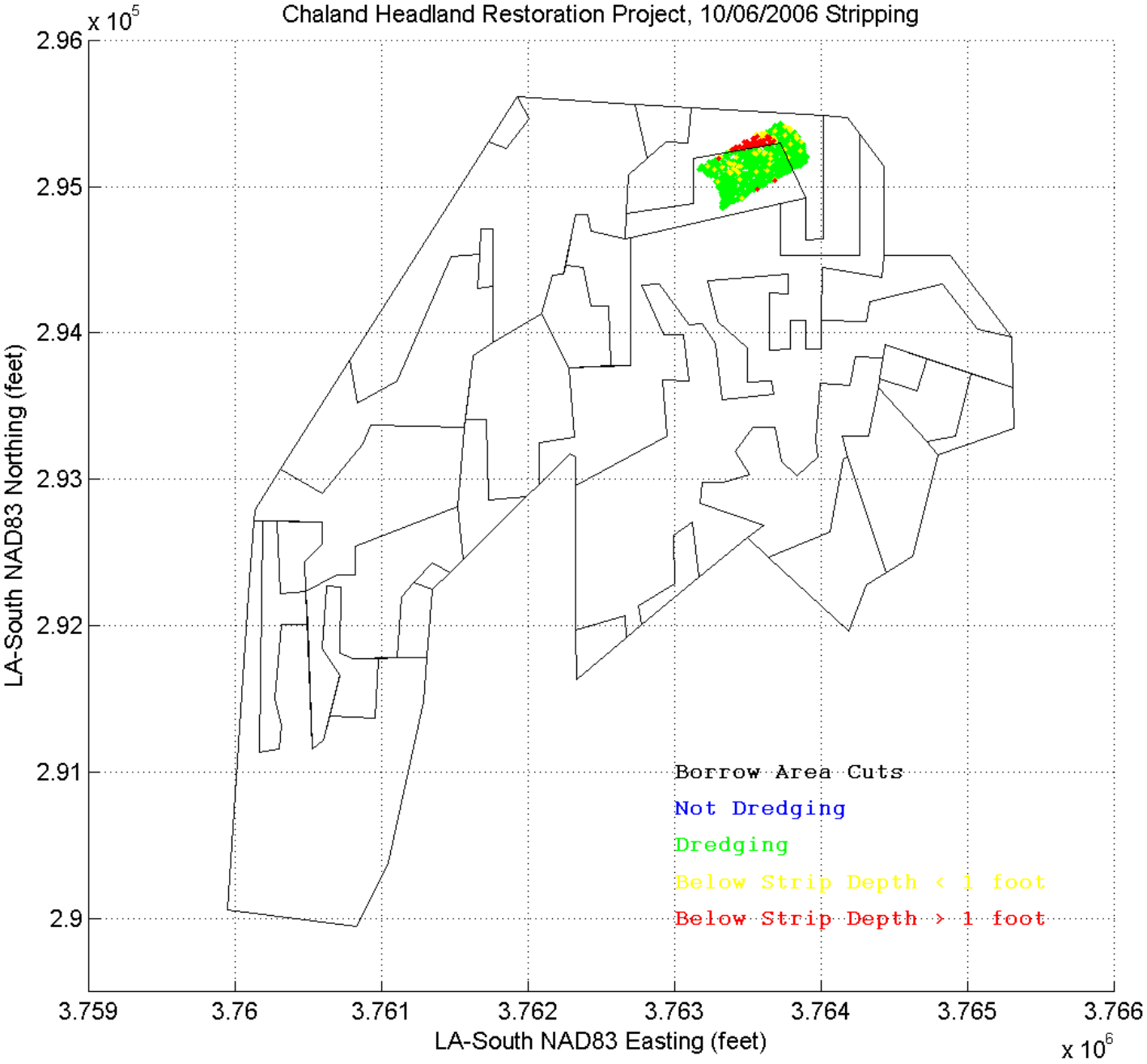
Containment dike along the northern toe of beach fill between Station 106+64 and Station 111+48.

DATE: October 7, 2006 OBSERVATION REPORT NO: 196

Equipment access road repairs.

WMI surveyors staking the north sand fence line near Station 62+00.

Gulf of Mexico wave conditions near Station 67+91.


Chaland Headland Restoration Project, 10/06/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 8, 2006 | OBSERVATION REPORT NO: 197
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 327
ARRIVAL TIME: 12:45 | DEPARTURE TIME: 15:00
16:30 | 17:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: NNE 10-15 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Overburden Removal and Fill Preparation
NORTH OUTFALL LOCATION: Station 91+40
CENTER OUTFALL LOCATION: Station 92+80
SOUTH OUTFALL LOCATION: Station 93+10
NORTH CONTAINMENT DIKE LOCATION: Station 97+60
SOUTH CONTAINMENT DIKE LOCATION: Station 101+50
OTHER CONTAINMENT DIKE LOCATION: Station 111+48
BEACH FILL AREA EXTENT LOCATION: Station 106+64
MARSH FILL AREA EXTENT LOCATION: Station 90+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Discussion #3
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	No	Discussion #3

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Sand fence staking between Station 40+00 and Station 63+00.		Discussion #2

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	Discussion #3

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		Observation #4
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Between Station 67+91 and Station 72+75.		Observation #3

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 8, 2006 OBSERVATION REPORT NO: 197

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh today. See discussion item #1.

2. The WMI surveyors staked the southern sand fence line near Station 62+00. See discussion item #2.

3. A bulldozer graded the beach between Station 67+91 and Station 72+75.

4. Berm widths were not measured today as the southern slope of the dune was not graded east of station 87+00.

5. Paul Stewart (WMI) left the project site at approximately 7:00 to pick up supplies in town. Paul returned to the Quarters Barge at approximately 18:00. Eric Adaline (WMI) was in charge during Paul's absence.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James was stripping overburden from the borrow area and side casting the material within the horizontal limits of the borrow area. Paul stated that marsh creation and beach fill operations will resume tomorrow; marsh creation operations will take place during the day and beach fill operations will take place during the night.

2. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the survey crew staked the southern sand fence line between Station 40+00 and Station 63+00.

3. I spoke with Eric Adaline (WMI) about the 10/7 WMI Daily Quality Control Report (DQCR) and Daily Dredge Report (DDR). Eric stated that the WMI server was down and he was not able to obtain the WMI DDR and cutterhead xyz data from the Tom James. Eric stated that he spoke with Jason Manthey (NOAA) and informed him of the situation. Eric said that the 10/7 report will be submitted tomorrow after he obtains the data and completes the report, assuming that the WMI server is working tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: October 8, 2006 OBSERVATION REPORT NO: 197

Bulldozer grading the beach near Station 72+75.

WMI surveyors staking the south sand fence line near Station 62+00.

Gulf of Mexico wave conditions near Station 116+32.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 9, 2006 | OBSERVATION REPORT NO: 198
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 328
ARRIVAL TIME: 15:30 DEPARTURE TIME: 18:00

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: ENE 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Marsh Fill (Day) and Beach Fill (Night)
NORTH OUTFALL LOCATION: Station 91+40
CENTER OUTFALL LOCATION: Station 92+80
SOUTH OUTFALL LOCATION: Station 93+10
NORTH CONTAINMENT DIKE LOCATION: Station 97+60
SOUTH CONTAINMENT DIKE LOCATION: Station 101+50
OTHER CONTAINMENT DIKE LOCATION: Station 111+48
BEACH FILL AREA EXTENT LOCATION: Station 106+64
MARSH FILL AREA EXTENT LOCATION: Station 90+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #6
	DQCR Comments: Work inconsistencies were observed in the WMI DQCR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach staking between Station 79+00 and Station 105+00.		Observation #3

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	Discussion #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Between Station 77+60 and Station 86+50.		Observation #2

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 9, 2006 OBSERVATION REPORT NO: 198

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	Discussion #4
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Beach check survey between Station 67+91 and Station 79+00.		Discussion #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was discharged to the marsh creation area. The outfall was located near Station 91+40 Range -5+50 and pointed northeast without a diffuser or 90° dredge pipe elbow at the end of the pipe. No particular flow direction of the marsh fill was observed. See discussion item #1.

2. A bulldozer graded the north slope of the dune between Station 77+60 and Station 86+50.

3. The WMI survey crew tightened and checked the beach grade staking and replaced missing grade stakes as necessary near Station 99+00. See discussion item #2.

4. Two bulldozers moved shore pipe east to a location near Station 90+00 along the project baseline.

5. The center outfall was located near Station 92+80 Range 0+40 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The south outfall was located near Station 93+10 Range 1+30 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The north containment dike extends along the northern extent of the dune crest between Station 92+00 and Station 97+60 and has a crest elevation of approximately 9 feet NAVD. The south containment dike extends along the southern extent of the dune crest between Station 92+00 and Station 101+50 and has a crest elevation of approximately 8 feet NAVD. A third containment dike extended along the northern toe of beach fill between Station 90+00 and Station 111+48 and had a crest elevation of approximately 6 feet NAVD; the containment dike along the northern toe of beach fill utilized the existing high ground east of Station 109+06.

6. The 10/7 and 10/8 WMI Daily Quality Control Reports (DQCR) were submitted today. Work inconsistencies were observed in the 10/8 WMI DQCR. Item #1, work performed, states that the WMI survey crew staked the sand fence line between Station 7+48 and Station 19+52. The discussion I had with WMI today, see discussion item #4, indicated that the sand fence line was not staked near the west end of the project.

7. a) On 10/7 the Tom James cutterhead excavated approximately 25 feet outside the horizontal limits of the borrow area for less than 2 minutes 12 times between 4:49 and 9:12. Excluding these occasions the Tom James cutterhead excavated below the required overburden removal strip depth for less than 7 minutes on several occasions. The Tom James excavated an average of approximately 0.7 feet and a maximum of approximately 5.4 feet below the required overburden removal strip depth.

   b) On 10/8 37% of the dredge record indicated that the Tom James cutterhead excavated below the required overburden removal strip depth. The Tom James excavated an average of approximately 0.5 feet and a maximum of approximately 0.9 feet below the required overburden removal strip depth between 20:58 and 22:02. Excluding this occasion the Tom James cutterhead excavated below the required overburden removal strip depth for less than 10 minutes on several occasions; the Tom James excavated an average of approximately 0.7 feet and a maximum of approximately 3.2 feet below the required overburden removal strip depth.

DATE: October 9, 2006 OBSERVATION REPORT NO: 198

8. Berm widths were not measured today as the southern slope of the dune was not graded east of station 87+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that marsh creation activities occurred during the day and beach fill activities began around 18:00. Paul said that day time marsh creation and night time beach fill operations will resume until the next section of marsh is completed, which should take approximately 1 week.

2. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the WMI survey crew tightened and checked the beach grade staking and replaced missing grade stakes as necessary between Station 79+00 and Station 105+00. Eric said that the survey crew performed a check survey of the beach fill between Station 67+91 and Station 79+00; Eric provided the check survey data taken between Station 67+91 and Station 79+00. Eric stated that grade was set in the marsh creation area near the spill boxes located near Station 119+00 Range -11+50 and plywood was placed in front of the spill boxes to prevent the marsh fill from flowing out of the marsh creation area into the Oil Infrastructure Access Canal.

3. I spoke with Eric Adaline (WMI) about the recently submitted revised beach template ranges per the slope adjustment. Eric stated that the data was entered into the WMI computer system for beach staking and pay volume computation purposes by Kenneth Mahler (WMI).

4. I spoke with Paul Stewart (WMI), Eric Adaline (WMI), and Anthony Vest (WMI) about the sand fence Field Adjustment Report GGT-007. I informed WMI that I previiously spoke with Gary Johnson (WMI) about this Field Adjustment Report and it was determined that changes needed to be made to correct the bend locations and fence lines to conform to Field Adjustment Report GGT-005-R1. Paul stated that WMI will wait for the revised Field Adjustment Report prior to placing the sand fence line near the western extent of the project footprint. Paul said that Erosion Control Services will begin placing sand fence east of Station 38+88 within the next couple of days and that a sufficient length of the sand fence line has been staked to enable ECS to work for a couple of days. I spoke with Gordon Thomson (CPE) about the revision to the sand fence Field Adjustment Report GGT-007. Gordon stated that the project team needs to discuss the sand fence overlap prior to submitting the revised Field Adjustment Report to WMI.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Overburden pumped to the marsh creation area near Station 91+40 Range -5+50.

WMI surveyors tightening the beach grade staking near Station 99+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 9, 2006 OBSERVATION REPORT NO: 198

View to the west from Station 91+40 Range -5+50.

View to the northwest from Station 91+40 Range -5+50.

View to the north from Station 91+40 Range -5+50.

View to the northeast from Station 91+40 Range -5+50.

View to the east from Station 91+40 Range -5+50.

View to the southeast from Station 91+40 Range -5+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

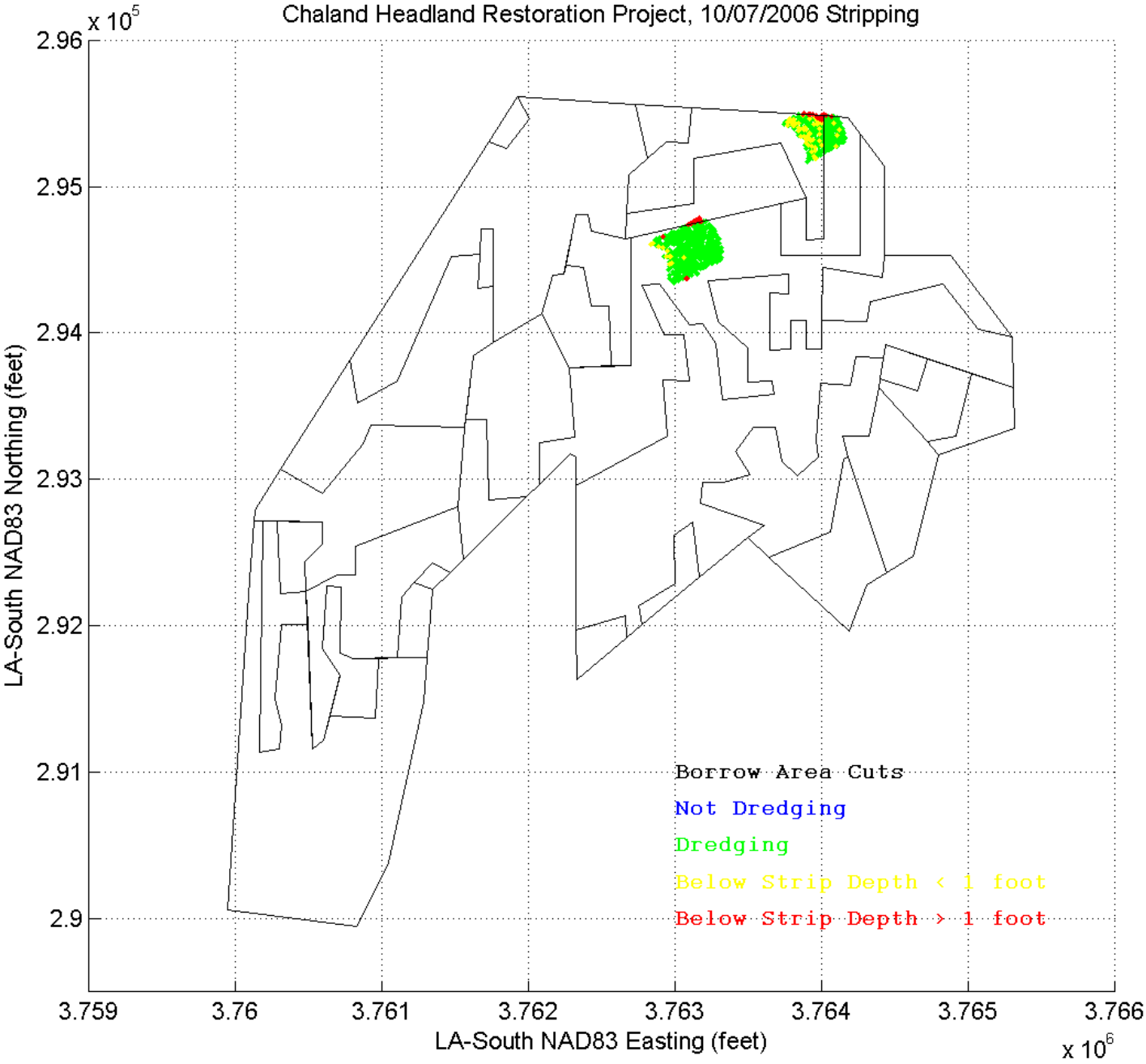
DATE: October 9, 2006 OBSERVATION REPORT NO: 198

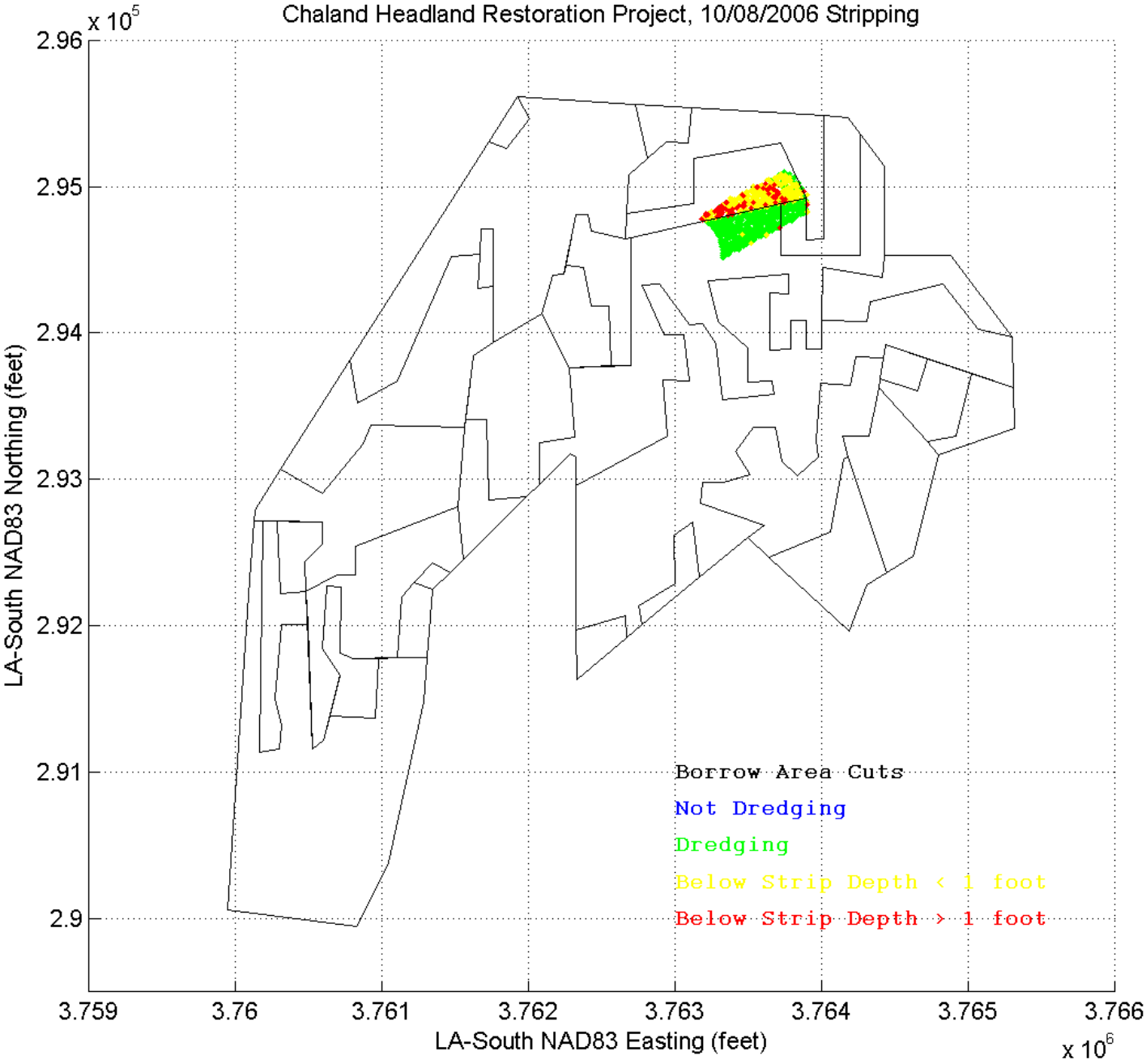
View to the south from Station 91+40 Range -5+50.

View to the southwest from Station 91+40 Range -5+50.

Bulldozer grading the beach near Station 80+00.

Gulf of Mexico wave conditions near Station 29+20.


Chaland Headland Restoration Project, 10/07/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot


Chaland Headland Restoration Project, 10/08/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 10, 2006 | OBSERVATION REPORT NO: 199
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 329
ARRIVAL TIME: 13:30 | DEPARTURE TIME: 15:30
17:00 | 18:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: ENE 5-10 mph
TEMPERATURE: 80°-90° F

CONSTRUCTION ACTIVITY: Marsh Fill (Day) and Beach Fill (Night)
NORTH OUTFALL LOCATION: Station 91+40
CENTER OUTFALL LOCATION: Station 92+80
SOUTH OUTFALL LOCATION: Station 93+40
NORTH CONTAINMENT DIKE LOCATION: Station 97+60
SOUTH CONTAINMENT DIKE LOCATION: Station 104+22
OTHER CONTAINMENT DIKE LOCATION: Station 102+50
BEACH FILL AREA EXTENT LOCATION: Station 109+00
MARSH FILL AREA EXTENT LOCATION: Station 95+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies were observed in the WMI DQCR.		Observation #10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: North toe of beach fill between Station 122+00 and Station 147+00.		Discussion #3

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Discussion #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH062, Sta. 95+30 Ra. 1+10 (N 29.30958° W 89.75527°), 14:33		Observation #8
20.	Has a discharge sample been collected?	No	Observation #9
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #12
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Between Station 77+60 and Station 80+00.		Observation #4

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 10, 2006 OBSERVATION REPORT NO: 199

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	Discussion #4

Marsh Fill

28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	Observation #1

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Beach check survey between Station 101+60 and Station 106+64.		Discussion #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was discharged to the marsh creation area through the north outfall. The north outfall was located near Station 91+40 Range -5+50 and pointed northeast without a diffuser or 90° dredge pipe elbow at the end of the pipe. No particular flow direction of the marsh fill was observed. The marsh fill extended east to the W-Canal near Station 95+00 and had an elevation of approximately 2.8 feet NAVD as the upper tolerance marker on the marsh grade stakes could barely be seen.

2. Beach fill discharge operations were not observed but it was apparent that night time beach construction occurred as the center and south outfalls located on the beach had moved east.

3. The center outfall was located near Station 92+80 Range 0+40 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The south outfall was located near Station 93+40 Range 1+60 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The north containment dike extends along the northern extent of the dune crest between Station 92+00 and Station 97+60 and has a crest elevation of approximately 9 feet NAVD. The center containment dike extends along the southern extent of the dune crest between Station 92+00 and Station 102+50 and has a crest elevation of approximately 8 feet NAVD. The south containment dike extended approximately 100 feet south of the southern extent of the dune crest between Station 95+00 and Station 104+22 and had a crest elevation of approximately 4 feet NAVD. A fourth containment dike extended along the northern toe of beach fill between Station 90+00 and Station 111+48 and had a crest elevation of approximately 6 feet NAVD; the containment dike along the northern toe of beach fill utilized the existing high ground east of Station 109+06.

4. A bulldozer graded the south slope of the dune between Station 77+60 and Station 80+00.

5. A bulldozer extended the south containment dike east near Station 104+22 and maintained the 4 foot NAVD crest elevation. The south containment dike was located approximately 100 feet south of the southern extent of the dune crest.

6. A marsh buggy worked the marsh fill and made small cuts to help the marsh fill flow east.

7. Jason Manthey (NOAA) submitted an electronic copy of the revised beach template ranges per the slope adjustment to WMI.

8. Sand sample CH062 was taken near Station 95+30 Range 1+10 (N 29.30958° W 89.75527°). The Munsell color of the representative sand sample taken at this location was 2.5Y-5/1 (Gray) and had an approximate grain size of 0.1 mm.

9. A discharge sample was not collected today as beach fill operations were not conducted during the day.

10. a) Operating time inconsistencies were observed in the 10/9 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that the Tom James stripped overburden for 9.42 hours while the Daily Dredge Report (DDR) states that the Tom James stripped for 6.92 hours.

b) Operating equipment inconsistencies were observed in the 10/9 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that 3 bulldozers worked the beach fill/grade while item #3, equipment data, lists 4 bulldozers as operating.

11. On 10/9 the Tom James cutterhead excavated an average of approximately 0.2 feet and a maximum of approximately 0.8 feet below the required overburden removal strip depth between 2:31 and 4:25. Excluding this occasion the Tom James cutterhead excavated below the required overburden removal strip depth for less than 8 minutes on several occasions; the Tom James excavated an average of approximately 3.4 feet and a maximum of approximately 10.8 feet below the required overburden removal strip depth.

12. Berm widths were not measured today as the southern slope of the dune was not graded east of station 87+00.

13. Gary Johnson (WMI) arrived on the project site around 15:00. Paul Stewart (WMI) left the project site around 17:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that marsh creation activities occurred during the day and beach fill activities will begin around 18:00.

2. I spoke with Paul Stewart (WMI) about acceptance surveys. Paul stated that Fenstermaker and Associates will be on site either Thursday or Friday to conduct acceptance surveys between Station 67+91 and Station 90+00.

3. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the WMI survey crew added intermediate grade stakes between the northern and southern extents of the dune crest, checked the beach grade staking, and replaced missing grade stakes as necessary in the beach fill area. Eric said that the survey crew performed a check survey of the beach fill between Station 101+60 and Station 106+64. Eric stated that the survey crew placed grade stakes along the northern toe of beach fill between Station 122+00 and Station 147+00.

4. I spoke with Eric Adaline (WMI) about sand fencing operations. Eric stated that Erosion Control Services will begin installing sand fence tomorrow between Station 40+00 and Station 67+91. Eric asked if the revised sand fence Field Adjustment Report was submitted. I informed Eric that the draft revision of the Field Adjustment Report was completed and that the spacing between overlapping sections is 6 feet and the distance between the north and south sand fence lins is 80 feet. Eric stated that the north and south sand fence lines were staked at a distance of 80 feet between Station 40+00 and Station 67+91 but the spacing between overlapping sections was staked at 3 feet. Eric asked if the staking needs to be changed before the fence is installed between Station 40+00 and Station 67+91. I informed Eric that I would speak with Gordon Thomson (CPE) first thing in the morning and would follow-up as soon as possible.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Bulldozer grading the north slope of the dune near Station 77+60.

Bulldozer constructing the south containment dike near Station 104+22.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 10, 2006 OBSERVATION REPORT NO: 199

View to the west from Station 91+40 Range -5+50.

View to the northwest from Station 91+40 Range -5+50.

View to the north from Station 91+40 Range -5+50.

View to the northeast from Station 91+40 Range -5+50.

View to the east from Station 91+40 Range -5+50.

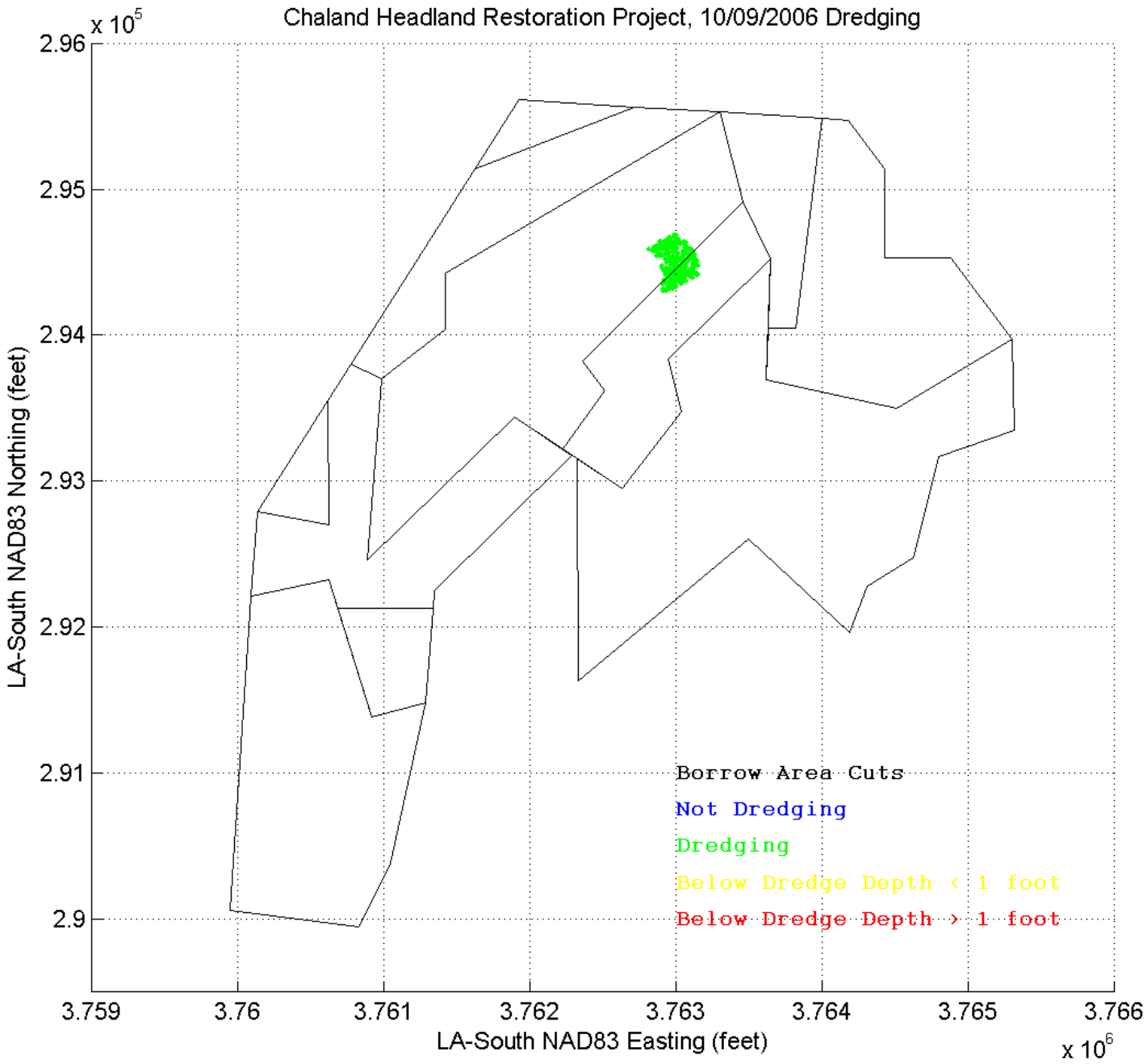
View to the southeast from Station 91+40 Range -5+50.

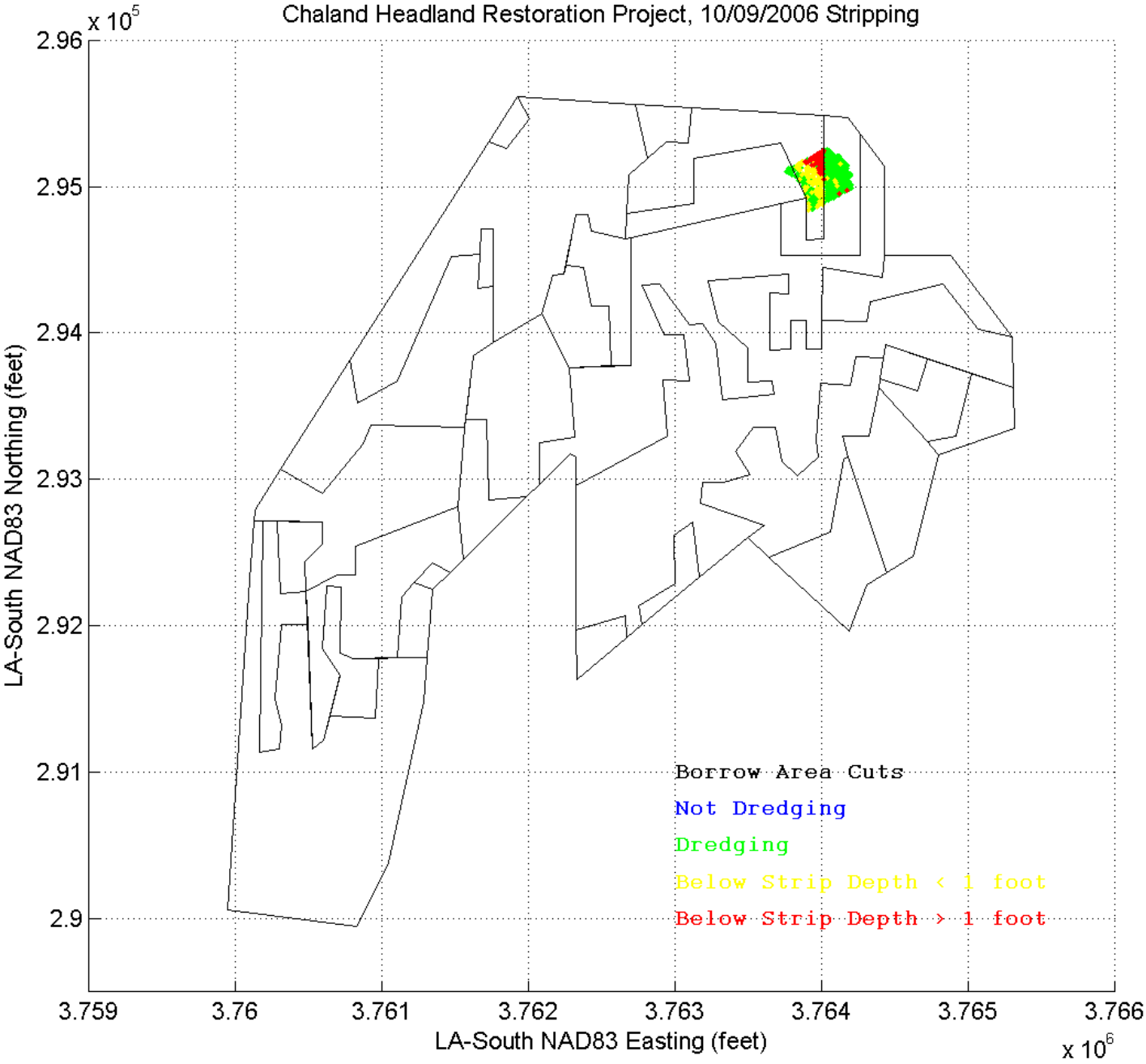
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: October 10, 2006 OBSERVATION REPORT NO: 199

View to the south from Station 91+40 Range -5+50.

View to the southwest from Station 91+40 Range -5+50.


Chaland Headland Restoration Project, 10/09/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/09/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 11, 2006 | OBSERVATION REPORT NO: 200
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 330
ARRIVAL TIME: 12:30 | DEPARTURE TIME: 15:30
17:00 | 18:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SW 1'-2'
WIND SPEED AND DIRECTION:	SSW 10-15 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Marsh Fill (Day) and Beach Fill (Night)
NORTH OUTFALL LOCATION:	Station 91+40
CENTER OUTFALL LOCATION:	Station 95+50
SOUTH OUTFALL LOCATION:	Station 95+50
NORTH CONTAINMENT DIKE LOCATION:	Station 98+10
SOUTH CONTAINMENT DIKE LOCATION:	Station 106+64
OTHER CONTAINMENT DIKE LOCATION:	Station 102+50
BEACH FILL AREA EXTENT LOCATION:	Station 109+20
MARSH FILL AREA EXTENT LOCATION:	Station 96+96

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies were observed in the WMI DQCR.		Observation #9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location 1: Beach between Station 106+00 and Station 109+06.		Discussion #4
	Location 2: Sand fence between Station 40+00 and Station 67+91.		Discussion #4

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #1

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #10

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Discussion #3
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH063, Sta. 97+00 Ra. 1+40 (N 29.30943° W 89.75477°), 13:17		Observation #7
20.	Has a discharge sample been collected?	No	Observation #8
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #11
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 11, 2006 OBSERVATION REPORT NO: 200

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Between Station 80+00 and Station 86+00.	Yes	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: North - between Station 36+92 and Station 46+32. Post location: South - between Station 36+76 and Station 45+16. Fence location: North - between Station 36+92 and Station 42+12. Fence location: South - between Station 36+76 and Station 40+96.	Yes	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	Observation #12
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	Yes	Observation #1
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was discharged to the marsh creation area through the north outfall. The north outfall was located near Station 91+40 Range -5+50 and pointed northeast without a diffuser or 90° dredge pipe elbow at the end of the pipe. No particular flow direction of the marsh fill was observed. The marsh fill extended east of the W-Canal near Station 96+96. The elevation of the marsh fill could not be determined as the upper tolerance marker on the marsh grade stakes could not be seen. The marsh fill elevation near Station 90+42 Range -9+00 was approximately 4.0 feet NAVD as overtopping of the canal closure at this location was a concern. See discussion item #3.

2. Beach fill discharge operations were not observed but it was apparent that night time beach construction occurred as the center and south outfalls located on the beach had moved east.

3. The center outfall was located near Station 95+50 Range 0+30 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The south outfall was located near Station 95+50 Range 1+30 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The north containment dike extends along the northern extent of the dune crest between Station 95+00 and Station 98+10 and has a crest elevation of approximately 9 feet NAVD. The center containment dike extends along the southern extent of the dune crest between Station 95+00 and Station 102+50 and has a crest elevation of approximately 8 feet NAVD. The south containment dike extended approximately 100 feet south of the southern extent of the dune crest between Station 99+00 and Station 106+64 and had a crest elevation of approximately 4 feet NAVD. A fourth containment dike extended along the northern toe of beach fill between Station 90+00 and Station 111+48 and had a crest elevation of approximately 6 feet NAVD; the containment dike along the northern toe of beach fill utilized the existing high ground east of Station 109+06.

4. A loader transferred sand fence posts from the boat landing to the sand fencing work area near Station 47+00.

5. The WMI survey crew checked the beach grade staking and replaced missing grade stakes as necessary near Station 97+00. See discussion item #4.

6. A bulldozer graded the south slope of the dune between Station 80+00 and Station 86+00.

7. Sand sample CH063 was taken near Station 97+00 Range 1+40 (N 29.30943° W 89.75477°). The Munsell color of the representative sand sample taken at this location was 2.5Y-5/1 (Gray) and had an approximate grain size of 0.1 mm.

8. A discharge sample was not collected today as beach fill operations were not conducted during the day.

9. a) Discharge location inconsistencies were observed in the 10/10 WMI Daily Quality Control Report (DQCR). The WMI DQCR summary states that the discharge was located at Station 94+50 and is 145 feet east of pay profile line number CG19. Station 94+50 is 238 feet east of pay profile line number CG19.

   b) Inconsistencies were noted between a statement made by Eric Adaline (WMI) on 10/10 and what was reported on the 10/10 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that check surveys were conducted between Station 67+91 and Station 79+00 while Eric stated that check surveys were conducted between Station 101+60 and Station 106+64. See discussion item #5.

10. On 10/10 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 5 minutes on several occasions. The Tom James excavated an average of approximately 1.3 feet and a maximum of approximately 4.9 feet below the required overburden removal strip depth.

11. Berm widths were not measured today as the southern slope of the dune was not graded east of station 87+00.

12. Gordon Thomson (CPE) submitted an email to Jason Manthey (NOAA) and Gary Johnson (WMI) stating that he has not officially accepted the beach sections between Station 40+00 and Station 67+91 as hard copies of the acceptance profiles have not been provided. Thus the hard copies have not been stamped and redistributed. However, the email states that the data is acceptable as are the beach sections. The email clearly states that this formality should not halt sand fence installation.

13. Jason Settle (WMI) arrived on the Quarters Barge and worked on revising the WMI marsh fill template. See discussion item #2.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gordon Thomson (CPE) about Field Adjustment Report GGT-007-R1 and the sand fence staked out by WMI. Gordon stated that he should discuss this item with Jason Manthey (NOAA). Jason submitted Field Adjustment Report GGT-007-R1 to WMI which states that "The gap in the sand fence at the 30-foot section overlaps has been changed from 3 feet to 6 feet. The Government understands that the sand fencing has been staked out between Station 40+00 and Station 67+91 with a 3-foot gap. The Government requests that WMI incorporate the 6-foot gap in this section. Approximation of the additional 3 feet will suffice; precise surveying of the layout is not required." I spoke with Gary Johnson (WMI) about Field Adjustment Report GGT-007-R1. Gary stated that Erosion Control Services started placing the first section with a 3-foot overlap along the north and south sand fence lines prior to receipt of Field Adjustment Report GGT-007-R1. Gary said that the additional sand fence section gaps will be spaced with the 6-foot gap.

2. I spoke with Gary Johnson (WMI) about the marsh template, particularly the primary dike portion of the marsh template. Technical Provision 28.2 states that "Primary dikes must be constructed to a minimum elevation of +4.5 feet NAVD with a tolerance of +1.0 foot. Primary dikes shall have a minimum crest width of 5 feet. Other dike dimensions including side slope and base width are at the discretion of the CONTRACTOR provided the structure is substantial enough to prevent a blowout, discharge of fill material, and/or turbid water discharge into adjacent water bodies. The CONTRACTOR must provide a plan for primary dike construction including a representative drawing of dike dimensions seven (7) days prior to the pre-construction conference." I informed Gary that I previously spoke with Gordon Thomson (CPE) about the side slope of the primary dike. Gordon stated that WMI submitted a typical cross section without a specified side slope in the pre-construction submittal. The CPE marsh template uses a primary dike side slope of 1V:8H. I informed Gary of the primary dike dimensions stated in Technical Provision 28.2 and the side slope used by CPE. Gary said that Jason Settle (WMI) will incorporate this information into the marsh template used by WMI.

3. I spoke with Gary Johnson (WMI) about the marsh fill elevation and the possibility of overtopping the canal closure near Station 90+42 Range -9+00. Gary stated that he temporarily stopped marsh fill operations and started pumping sand to the beach as the marsh fill was backing-up because the marsh buggy that was responsible for maintaining the cut near Station 92+12 Range -7+00 was down for repairs. Gary said that maintenance of this cut is essential as the cut facilitates east flow of the marsh fill material. Gary said that the elevation of the primary dike that closes the canal between Station 90+42 and Station 92+12 remains at the elevation required per Technical Provision 28.2. Gary stated that marsh creation operations will resume when the marsh buggy is ready to operate such that maintenance of the cut can be achieved.

4. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the WMI survey crew checked the beach grade staking and replaced missing grade stakes as necessary in the beach fill area. Eric said that the WMI survey crew staked the beach between Station 106+00 and Station 109+06. Eric stated that the WMI survey crew staked the north and south sand fence lines between Station 40+00 and Station 67+91 and incorporated the 6-foot gap at section overlaps. Eric said that the WMI survey crew surveyed the north and south sand fence lines between Station 16+00 and Station 38+88 for pay.

5. I spoke with Eric Adaline (WMI) about the inconsistencies observed in the 10/10 WMI Daily Quality Control Report (DQCR) and the survey activities reported to me on 10/10. Eric stated that he forgot to inform me of the beach check survey conducted between Station 67+91 and Station 79+00 and he forgot to document the beach check survey conducted between Station 101+60 and Station 106+64 in the 10/10 WMI DQCR.

DATE: October 11, 2006 OBSERVATION REPORT NO: 200

6. I spoke with Gary Johnson (WMI) about the D7 bulldozer on site. Gary stated that the D7 bulldozer arrived at the project site on 9/9. Gary said that there was no particular reason why a D7 was brought to the project site other than availability. Gary stated that the D7 bulldozer is presently being used as an anchor to hold the marsh pipe in place.

7. I spoke with Gary Johnson (WMI) about acceptance surveys. Gary stated that Fenstermaker and Associates will be on site tomorrow morning. Gary said that 1000 feet of beach is ready to be surveyed, between Station 67+91 and Station 77+60, and an additional 1000 feet, between Station 77+60 and Station 87+28, will be ready for acceptance surveys in a couple of days. Gary stated that if weather conditions permit the beach will be surveyed tomorrow , but if weather conditions are not favorable for beach surveys, due to rough seas, the marsh fill will be surveyed. Gary stated that the marsh fill has settled for the 30-day requirement between Station 53+40 and Station 77+60 and is ready to be surveyed.

8. I spoke with Gary Johnson (WMI) about the acceptance survey results between Station 40+00 and Station 67+91. Gary stated that the initial volume computation provided by WMI, submitted on 10/2, was rejected as the computed volumes were incorrect. Gary said that a second volume computation was submitted on 10/4. Gary stated that the second volume computation was accepted but the pay volumes accepted reflected the rejected volume computations submitted on 10/2.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

View to the west from Station 91+40 Range -5+50.

View to the northwest from Station 91+40 Range -5+50.

View to the north from Station 91+40 Range -5+50.

View to the northeast from Station 91+40 Range -5+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: October 11, 2006 OBSERVATION REPORT NO: 200

View to the east from Station 91+40 Range -5+50.

View to the southeast from Station 91+40 Range -5+50.

View to the south from Station 91+40 Range -5+50.

View to the southwest from Station 91+40 Range -5+50.

North outfall near Station 91+40 Range -5+50.

Overtopping concern near Station 90+42 Range -9+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

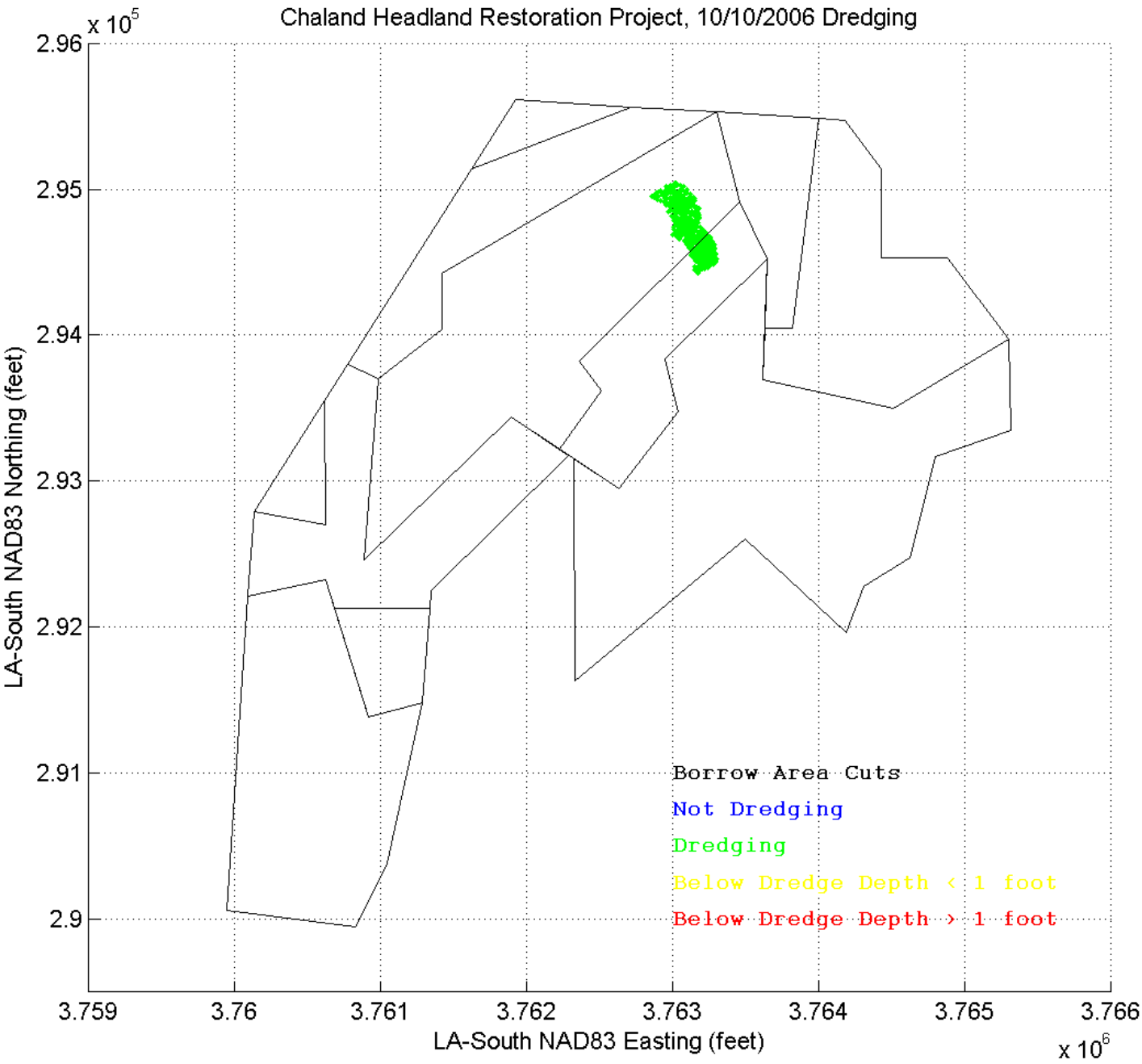
DATE: October 11, 2006 OBSERVATION REPORT NO: 200

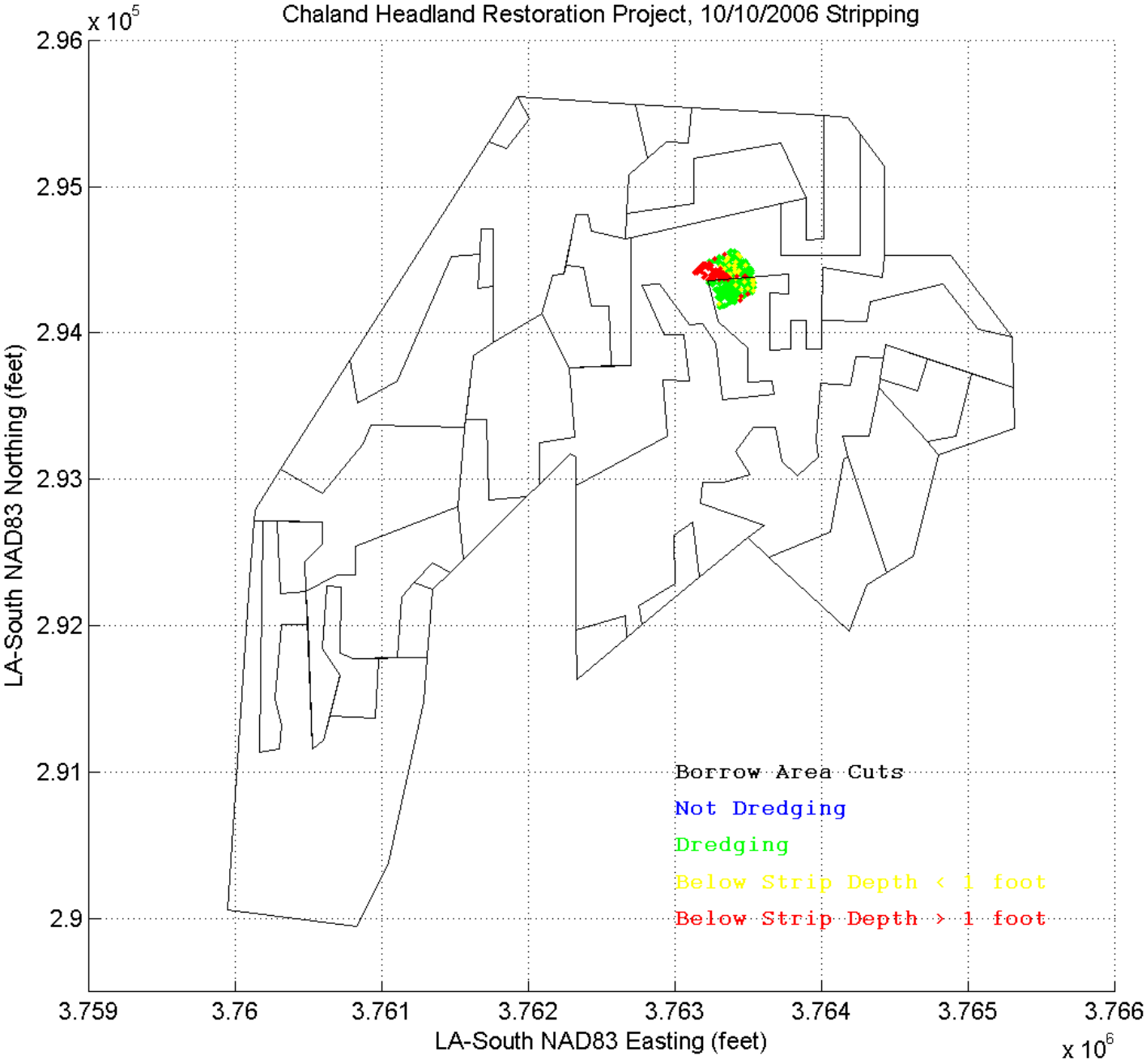
North sand fence construction near Station 42+00.

Bulldozer grading the beach near Station 80+00.

WMI surveyors checking grade near Station 97+00.

Gulf of Mexico wave conditions near Station 95+00.


Chaland Headland Restoration Project, 10/10/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/10/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 12, 2006 | OBSERVATION REPORT NO: 201
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 331

ARRIVAL TIME:	9:30	DEPARTURE TIME:	12:00
	14:30		15:45
	16:45		17:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	ESE 5-10 mph
TEMPERATURE:	75°-85° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 91+40
CENTER OUTFALL LOCATION:	Station 95+50
SOUTH OUTFALL LOCATION:	Station 95+50
NORTH CONTAINMENT DIKE LOCATION:	Station 99+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 106+64
OTHER CONTAINMENT DIKE LOCATION:	Station 102+50
BEACH FILL AREA EXTENT LOCATION:	Station 112+40
MARSH FILL AREA EXTENT LOCATION:	Station 96+96

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Discharge location inconsistency observed in the WMI DQCR.		Observation #11
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location 1: Beach between Station 109+00 and Station 112+00.		Discussion #3
	Location 2: Sand fence between Station 8+20 and Station 16+00.		Discussion #3
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #12
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH064, Sta. 96+70 Ra. 1+40 (N 29.30945° W 89.75485°), 10:06		Observation #9
20.	Has a discharge sample been collected?	Yes	Observation #10
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #13
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 12, 2006 OBSERVATION REPORT NO: 201

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Between Station 67+91 and Station 87+00.	Yes	Observation #5
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: North - between Station 46+32 and Station 57+00. Post location: South - between Station 45+16 and Station 53+52. Fence location: North - between Station 42+12 and Station 48+00. Fence location: South - between Station 40+96 and Station 49+36.	Yes	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	Observation #14
Marsh Fill			
28.	Is material being discharged into marsh area?	No	Observation #2
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south outfalls using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near Station 95+50 Range 0+30 and pointed east. The south outfall was located near Station 95+50 Range 1+30 and pointed east. The slurry from the center and south outfalls flowed east to the extent beach fill near Station 112+40 Range 2+50 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The north outfall was located in the marsh creation area near Station 91+40 Range -5+50 and pointed northeast without a diffuser or 90° dredge pipe elbow at the end of the pipe. Material was not discharged to the marsh creation area. See discussion item #1.

3. The north containment dike extends along the northern extent of the dune crest between Station 95+00 and Station 99+00 and has a crest elevation of approximately 9 feet NAVD. The center containment dike extends along the southern extent of the dune crest between Station 95+00 and Station 102+50 and has a crest elevation of approximately 8 feet NAVD. The south containment dike extended approximately 100 feet south of the southern extent of the dune crest between Station 99+00 and Station 106+64 and had a crest elevation of approximately 4 feet NAVD. A fourth containment dike extended along the northern toe of beach fill between Station 90+00 and Station 111+48 and had a crest elevation of approximately 6 feet NAVD; the containment dike along the northern toe of beach fill utilized the existing high ground east of Station 109+06.

4. WMI intended to conduct acceptance surveys of the beach fill east of Station 67+91 with the observer from Fenstermaker & Associates, Brett Dufour (CHF). The beach surveys were not walked with the WMI survey crew and Brett as the beach was not dressed east of Station 67+91. I watched WMI conduct acceptance surveys of the marsh fill along profile lines 58+23 and 60+66. The surveyors could not walk the entire marsh survey lines as the fill material was extremely muddy approximately 200 feet into the marsh creation area. See discussion item #2.

5. A bulldozer dragged a shore pipe near Station 77+60 to dress the beach. The beach was dressed between Station 67+91 and Station 87+00.

6. The 6-foot gap between overlapping sections of the north sand fence was observed east of Station 41+82. The 6-foot gap between overlapping sections of the south sand fence was observed east of Station 40+66.

7. Shore pipe was unloaded from a barge near the boat landing. Bulldozers transferred the shore pipe from the boat landing to the beach near Station 77+60.

8. A bulldozer graded the north slope of the dune near Station 82+00.

9. Sand sample CH064 was taken near Station 96+70 Range 1+40 (N 29.30945° W 89.75485°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

10. A sample of the discharge from the center outfall was taken at 9:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 850 mL level, and the silt/sand interface was near the 150 mL level. After settling for 1 hour the water/air interface was near the 1000 mL level, the water/silt interface was near the 750 mL level, and the silt/sand interface was near the 200 mL level.

11. Discharge location inconsistencies were observed in the 10/11 WMI Daily Quality Control Report (DQCR). The WMI DQCR summary states that the discharge was located at Station 95+50 and is 245 feet east of pay profile line number CG19. Station 95+50 is 338 feet east of pay profile line number CG19.

12. On 10/11 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 2 minutes on several occasions. The Tom James excavated an average of approximately 0.7 feet and a maximum of approximately 1.2 feet below the required overburden removal strip depth.

13. Berm widths were not measured today as the southern slope of the dune was not graded east of station 87+00.

14. Gordon Thomson (CPE) submitted an email to Jason Manthey (NOAA) and Gary Johnson (WMI) yesterday stating that he has not officially accepted the beach sections between Station 40+00 and Station 67+91 as hard copies of the acceptance profiles have not been provided. Thus the hard copies have not been stamped and redistributed. However, the email states that the data is acceptable as are the beach sections. The email clearly states that this formality should not halt sand fence installation.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about fill operations. Gary stated that day time marsh fill and night time beach fill operations will resume tomorrow. Gary said that a marsh buggy worked the cuts in the marsh all day today to facilitate easterly flow of the marsh fill material. Gary stated that day time marsh fill and night time beach fill operations will resume until marsh creation is complete.

2. I spoke with Gary Johnson (WMI) about the beach acceptance surveys. I reminded Gary that Technical Provision 20.6 states that "Upon completion of all filling operations within an acceptance section, and prior to surveying for payment, the beach and dune fill shall be graded and dressed so as to eliminate any undrained pockets, ridges and depressions in the hydraulic fill surfaces. The CONTRACTOR shall use a dragged pipe for this task." Gary stated that the section planned for acceptance surveys will be dressed today so that acceptance surveys can be conducted on the beach tomorrow.

3. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that marsh acceptance surveys were conducted with the observer from Fenstermaker & Associates between Station 55+82 and Station 75+18. Eric said that check surveys of the beach fill were conducted between Station 108+00 and Station 111+48. Eric stated that the WMI surveyors staked the beach between Station 109+00 and Station 118+00 and the north sand fence line between Station 8+20 and Station 16+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 12, 2006 OBSERVATION REPORT NO: 201

Center outfall near Station 95+50 Range 0+30.

South outfall near Station 95+50 Range 1+30.

Marsh acceptance survey along Station 60+66.

Marsh acceptance survey along Station 58+23.

Bulldozer dressing the beach near Station 80+00.

Bulldozer grading the north slope of the beach near Station 82+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

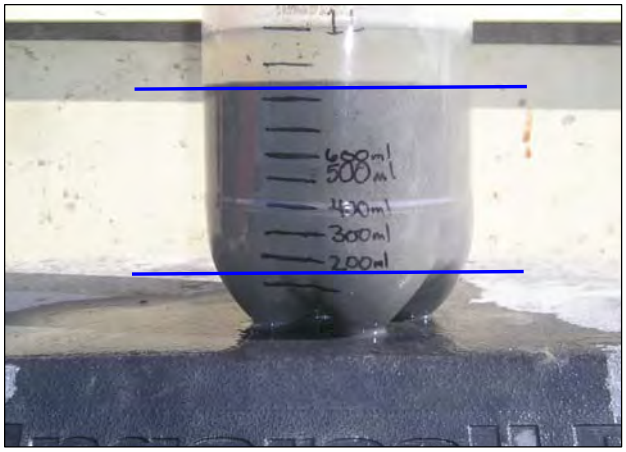
DATE: October 12, 2006 OBSERVATION REPORT NO: 201

North sand fence post installation near Station 57+00.

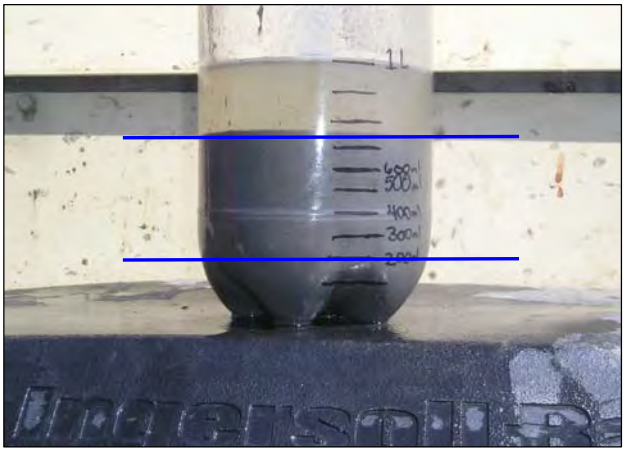
North sand fence installation near Station 48+00.

Crane unloading shore pipe from a barge near the boat landing.

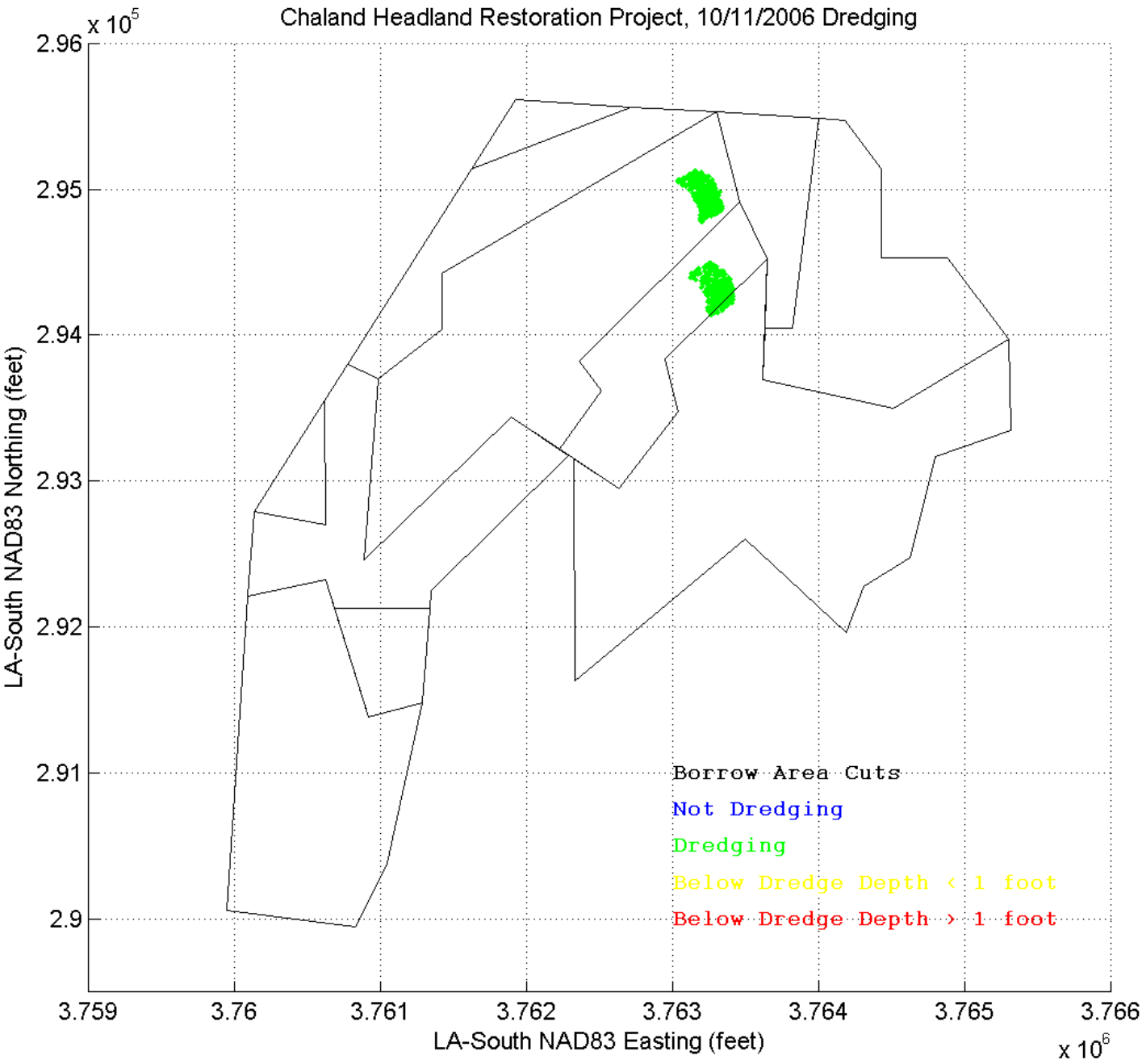
Bulldozer transferring shore pipe from the boat landing to the beach near Station 77+60.



Discharge sample after settling for 15 minutes. The blue lines show the silt and sand interfaces.



Discharge sample after settling for 1 hour. The blue lines show the silt and sand interfaces.


Chaland Headland Restoration Project, 10/11/2006 Dredging
x 10^5
2.96
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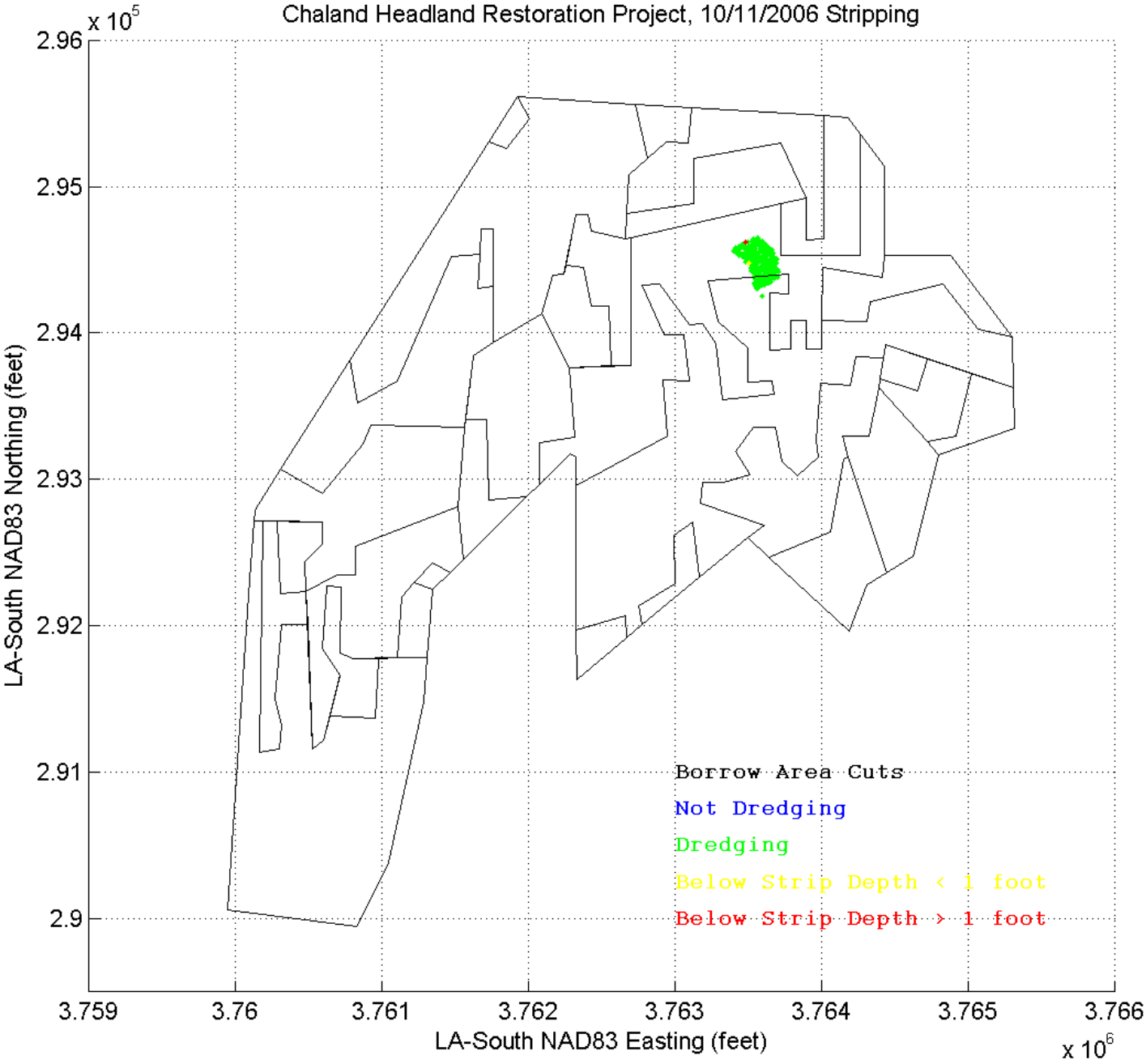
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/11/2006 Stripping
x 10^5
2.96
2.95
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2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 13, 2006 | OBSERVATION REPORT NO: 202
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 332
ARRIVAL TIME: 12:30 | DEPARTURE TIME: 16:00
16:45 | 17:45

WEATHER CONDITIONS: Rain, Overcast
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: NNE 15-20 mph
TEMPERATURE: 60°-70° F

CONSTRUCTION ACTIVITY: Marsh Fill (Day) and Beach Fill (Night)
NORTH OUTFALL LOCATION: Station 91+40
CENTER OUTFALL LOCATION: Station 97+70
SOUTH OUTFALL LOCATION: Station 98+10
NORTH CONTAINMENT DIKE LOCATION: Station 101+00
SOUTH CONTAINMENT DIKE LOCATION: Station 106+64
OTHER CONTAINMENT DIKE LOCATION: Station 103+20
BEACH FILL AREA EXTENT LOCATION: Station 112+40
MARSH FILL AREA EXTENT LOCATION: Station 96+96

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dressing location inconsistency.		Observation #10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach between Station 108+00 and Station 113+00.		Discussion #3

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH065, Sta. 100+80 Ra. 2+00 (N 29.30913° W 89.75360°), 15:37		Observation #8
20.	Has a discharge sample been collected?	No	Observation #9
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #12
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 13, 2006 OBSERVATION REPORT NO: 202

25.	Is an acceptance survey for a completed section being conducted today?	Yes	
	Location: Between Station 69+00 and Station 76+00.		Observation #4
26.	Are sand fencing operations being conducted?	Yes	
	Post location: North - between Station 57+00 and Station 63+12.		
	Post location: South - between Station 53+52 and Station 61+96.		
	Fence location: North - between Station 48+00 and Station 54+72.		
	Fence location: South - between Station 49+36 and Station 53+56.		
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes	Discussion #1
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	Yes	Observation #1
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was discharged to the marsh creation area through the north outfall. The north outfall was located near Station 91+40 Range -5+50 and pointed northeast without a diffuser or 90° dredge pipe elbow at the end of the pipe. No particular flow direction of the marsh fill was observed. The marsh fill extended east of the W-Canal near Station 96+96. The elevation of the marsh fill could not be determined as the upper tolerance marker on the marsh grade stakes could not be seen. The marsh fill elevation near Station 90+42 Range -9+00 was approximately 4.0 feet NAVD as overtopping of the canal closure at this location was a concern.

2. Beach fill discharge operations were not observed but it was apparent that night time beach construction occurred as the center and south outfalls located on the beach had moved east.

3. The center outfall was located near Station 97+70 Range 0+60 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The south outfall was located near Station 98+10 Range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The north containment dike extends along the northern extent of the dune crest between Station 97+00 and Station 101+00 and has a crest elevation of approximately 9 feet NAVD. The center containment dike extends along the southern extent of the dune crest between Station 97+00 and Station 103+20 and has a crest elevation of approximately 8 feet NAVD. The south containment dike extended approximately 100 feet south of the southern extent of the dune crest between Station 99+00 and Station 106+64 and had a crest elevation of approximately 4 feet NAVD. A fourth containment dike extended along the northern toe of beach fill between Station 90+00 and Station 111+48 and had a crest elevation of approximately 6 feet NAVD; the containment dike along the northern toe of beach fill utilized the existing high ground east of Station 109+06.

4. WMI conducted acceptance surveys along profile lines 71+00, 72+00, 75+00, and 76+00. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Brett Dufour (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. See discussion item #2.

5. A marsh buggy maintained the cut in the marsh near Station 92+12 Range -7+00 to facilitate east flow of the marsh fill material.

6. Eric Adaline (WMI) provided constructed sand fence xy pay survey data.

7. The sand fence line between Station 8+20 and Station 16+00 was staked. The staked fence line is approximately 10 feet seaward of the constructed dune crest. The sand fence line staked near Station 8+20 is approximately 250 feet landward of the water line. Sand fence section overlaps and gaps were not staked at this location.

8. Sand sample CH065 was taken near Station 100+80 Range 2+00 (N 29.30913° W 89.75360°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

DATE: October 13, 2006 OBSERVATION REPORT NO: 202

9. A discharge sample was not collected today as beach fill operations were not conducted during the day.

10. Completed beach dressing location inconsistencies were observed in the 10/12 WMI Daily Quality Control Report (DQCR). The WMI DQCR summary states that beach dressing operations were complete to Station 67+91. The CPE observation conducted on the beach revealed that beach dressing operations were completed to Station 87+00 on 10/12.

11. On 10/12 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 2 minutes on one occasion. The Tom James excavated an average of approximately 0.5 feet and a maximum of approximately 0..9 feet below the required overburden removal strip depth.

12. Berm widths were not measured today as the southern slope of the dune was not graded east of station 87+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the acceptance of the beach between Station 40+00 and Station 67+91. Gary stated that the discrepancy between the volumes computed by WMI and the volumes computed by CPE for pay has been resolved. Gary said that the sections have still not been formally accepted, as Gordon has not stamped and redistributed the hard copies, but Gordon sent an email stating that the formal acceptance of these sections should not halt sand fence installation.

2. I spoke with Eric Adaline (WMI) about the acceptance surveys completed today. Eric stated that WMI conducted acceptance surveys with a rod on the beach along profile lines 69+00, 70+00, 71+00, 72+00, 72+75, 74+00, 75+00, and 76+00.

3. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the WMI survey crew checked the beach grade staking and replaced missing grade stakes as necessary in the beach fill area. Eric said that the WMI survey crew staked the beach between Station 108+00 and Station 113+00. Eric stated that check surveys of the beach fill runoff were conducted between Station 106+00 and Station 109+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

WMI conducting an acceptance survey along Station 71+00.

WMI conducting an acceptance survey along Station 72+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 13, 2006 OBSERVATION REPORT NO: 202

WMI conducting an acceptance survey along Station 75+00.

WMI conducting an acceptance survey along Station 76+00.

South fence post installation near Station 60+00.

South sand fence construction near Station 52+00.

North outfall near Station 91+40 Range -5+50.

Marsh buggy maintaining cut in the marsh near Station 92+12 Range -7+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: October 13, 2006 OBSERVATION REPORT NO: 202

View to the west from Station 91+40 Range -5+50.

View to the northwest from Station 91+40 Range -5+50.

View to the north from Station 91+40 Range -5+50.

View to the northeast from Station 91+40 Range -5+50.

View to the east from Station 91+40 Range -5+50.

View to the southeast from Station 91+40 Range -5+50.

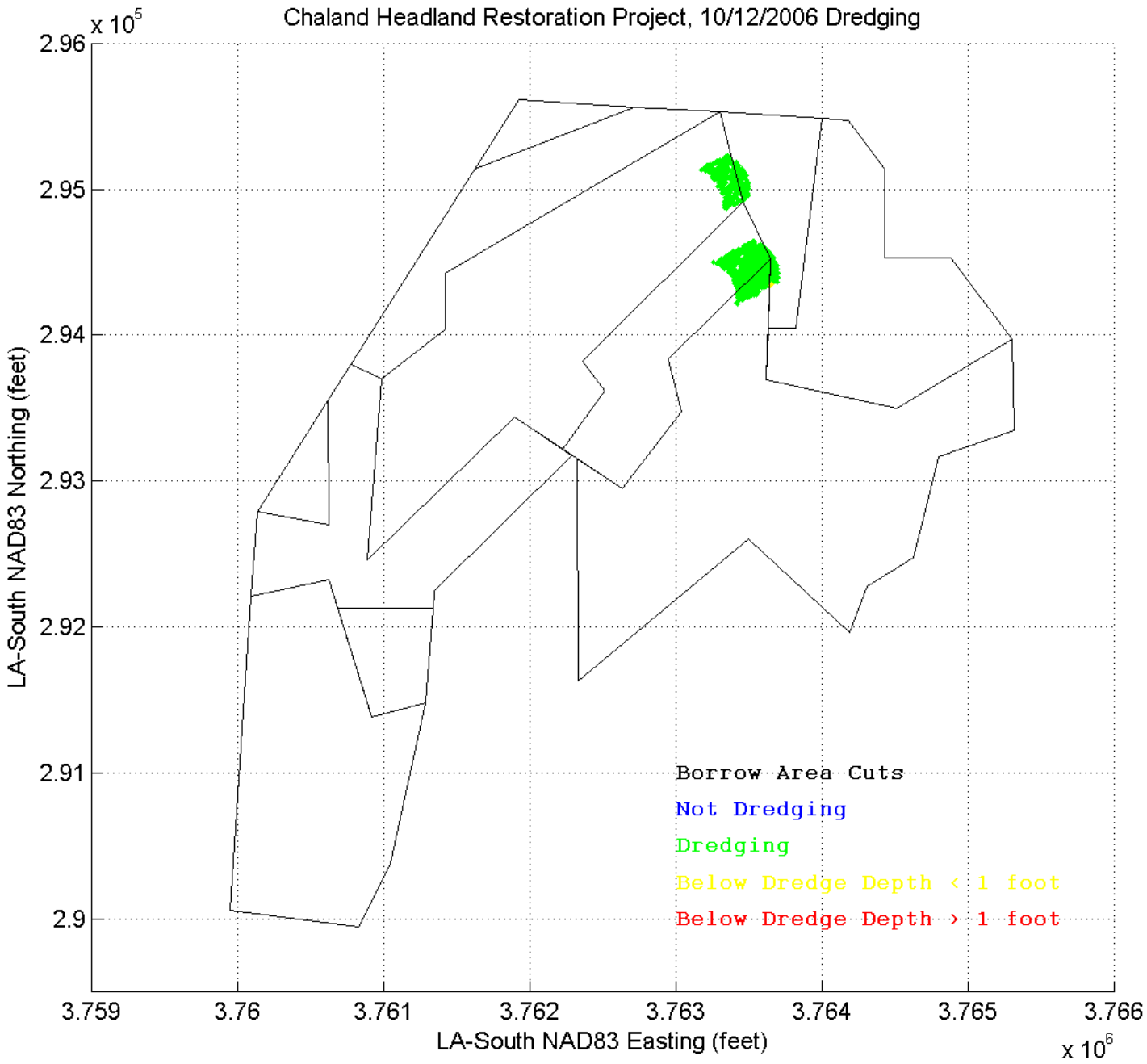
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 6

DATE: October 13, 2006 OBSERVATION REPORT NO: 202

View to the south from Station 91+40 Range -5+50.

View to the southwest from Station 91+40 Range -5+50.

Gulf of Mexico wave conditions near Station 97+00.


Chaland Headland Restoration Project, 10/12/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 14, 2006 | OBSERVATION REPORT NO: 203
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 333
ARRIVAL TIME: 13:30 | DEPARTURE TIME: 15:30
16:45 | 18:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	ENE 15-20 mph
TEMPERATURE:	65°-75° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 91+40
CENTER OUTFALL LOCATION:	Station 100+90
SOUTH OUTFALL LOCATION:	Station 99+30
NORTH CONTAINMENT DIKE LOCATION:	Station 102+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 106+64
OTHER CONTAINMENT DIKE LOCATION:	Station 102+50
BEACH FILL AREA EXTENT LOCATION:	Station 116+32
MARSH FILL AREA EXTENT LOCATION:	Station 96+96

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dressing location inconsistency.		Observation #10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion #5
	Location: Sand fence between Station 8+20 and Station 16+00.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH066, Sta. 100+20 Ra. 2+60 (N 29.30900° W 89.75383°), 14:13		Observation #8
20.	Has a discharge sample been collected?	Yes	Observation #9
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #12
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 14, 2006 OBSERVATION REPORT NO: 203

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Between Station 87+00 and Station 90+00.	Yes	Observation #5
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: North - between Station 63+12 and Station 67+32. Post location: South - between Station 61+96 and Station 66+16. Post location: West - between Station 8+18 and Station 16+32. Fence location: North - between Station 54+72 and Station 58+92. Fence location: South - between Station 53+56 and Station 57+76. Fence location: West - between Station 8+18 and Station 16+32.	Yes	
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	Observation #2
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south outfalls using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near Station 100+90 Range 1+10 and pointed east. The south outfall was located near Station 99+30 Range 2+00 and pointed east. The slurry from the center and south outfalls flowed east to the extent of beach fill near Station 116+32 Range 3+00 where it entered the Gulf of Mexico; the breach between Station 106+64 and Station 116+32 has been closed. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill.

2. The north outfall was located in the marsh creation area near Station 91+40 Range -5+50 and pointed northeast without a diffuser or 90° dredge pipe elbow at the end of the pipe. Material was not discharged to the marsh creation area. See discussion item #1.

3. The north containment dike extends along the northern extent of the dune crest between Station 100+00 and Station 102+50 and had a crest elevation of approximately 9 feet NAVD. The center containment dike extends along the southern extent of the dune crest between Station 99+00 and Station 102+50 and had a crest elevation of approximately 8 feet NAVD. The south containment dike extended approximately 100 feet south of the southern extent of the dune crest between Station 101+00 and Station 106+64 and had a crest elevation of approximately 4 feet NAVD. A fourth containment dike extended along the northern toe of beach fill between Station 90+00 and Station 111+48 and had a crest elevation of approximately 6 feet NAVD; the containment dike along the northern toe of beach fill utilized the existing high ground east of Station 109+06.

4. Dredging operations stopped around 17:00. The Tom James returned to Grand Isle due to rough seas. See discussion item #2.

5. A bulldozer graded the north slope of the dune between Station 87+00 and Station 90+00.

6. A bulldozer maintained the 4-foot NAVD crest elevation of the south containment dike near Station 103+00.

7. A check survey of the beach fill was taken along Station 83+00. See discussion item #5.

8. Sand sample CH066 was taken near Station 100+20 Range 2+60 (N 29.30900° W 89.75383°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

9. A sample of the discharge from the center outfall was taken at 2:00 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1 hour marks. After settling for 15 minutes the water/air interface was near the 1000 mL level, the water/silt interface was near the 400 mL level, and the silt/sand interface was near the 100 mL level. After settling for 1 hour the water/air interface was near the 1000 mL level, the water/silt interface was near the 250 mL level, and the silt/sand interface was near the 100 mL level.

10. Completed beach dressing location inconsistencies were observed in the 10/13 WMI Daily Quality Control Report (DQCR). The WMI DQCR summary states that beach dressing operations were complete to Station 67+91. Beach dressing operations were observed to be complete up to Station 87+00 on 10/12.

11. a) On 10/13 the Tom James cutterhead excavated below the newly permitted cut depth for less than 2 minutes on four occasions. The Tom James excavated an average of approximately 1.0 feet and a maximum of approximately 1.5 feet below the newly permitted cut depth.

    b) On 10/13 the Tom James cutterhead excavated below the required overburden removal strip depth between 8:30 and 8:38. During this interval the Tom James excavated an average of approximately 0.1 feet and a maximum of approximately 0.3 feet below the required overburden removal strip depth. Excluding this occasion the Tom James excavated below the required overburden removal strip depth for less than 1 minute on several occasions; the Tom James excavated an average of approximately 1.9 feet and a maximum of approximately 3.3 feet below the required overburden removal strip depth.

12. Berm widths were not measured today as the southern slope of the dune was not graded east of station 87+00.

13. Gary Johnson (WMI) left the project site around 10:00. Gary returned to the project site around 18:30.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about fill operations. Gary stated that marsh creation operations temporarily stopped as the pipe needs to be moved east.

2. I spoke with Gary Johnson (WMI) about dredging operations. Gary stated that the Tom James returned to Grand Isle due to rough seas. Gary stated that the seas are expected to remain too rough for dredging operations over the next couple of days. Gary said that the Tom James may remain at Grand Isle thru Thursday.

2. I spoke with Gary Johnson (WMI) about marsh volume computations. Gary stated that the new volume computations which incorporate the primary dike and toe of beach fill in the marsh template revealed that the previous computations over and under estimated the pay marsh volume. Gary explained that the software used by WMI could not reproduce the negative slope for the marsh template needed where the toe of beach fill is below the marsh fill, as seen in the drawings, but the program was able to compute the marsh volume correctly. Gary said that the new volumes were submitted to Gordon Thomson (CPE). I spoke with Gordon about the new marsh volume submittal. Gordon stated that submittal of the excel worksheet with the computed volumes would be beneficial in making the pay recommendation. I will follow up with Gary about the new marsh volume computation excel worksheet tomorrow as Gary was not on site today.

3. I spoke with Jason Settle (WMI) about borrow area D-1. Jason informed me that discrepancies were noticed in the table with the provided coordinates shown on the D-1 borrow area drawings. I spoke with Gordon Thomson (CPE) about the coordinate discrepancy. Gordon stated that the table was corrected and the new drawing was submitted to WMI. Gordon sent me the new D-1 borrow area drawings so that the most recent version is available on site.

4. I spoke with Gordon Thomson (CPE) about the sand fence pay survey. Gordon stated that the survey data needs to be submitted to Jason Manthey (NOAA), with Gordon being a carbon copy on the submittal, for the survey of the sand fence to be considered as an acceptance survey.

5. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that check surveys of the beach were conducted between Station 108+00 and Station 112+00 and between Station 77+00 and Station 84+00. Eric said that the staking of the north sand fence line was completed between Station 8+20 and Station 16+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 14, 2006 OBSERVATION REPORT NO: 203

Center outfall near Station 100+90 Range 1+10.

South outfall near Station 99+30 Range 2+00.

Sand fence installation near Station 9+84.

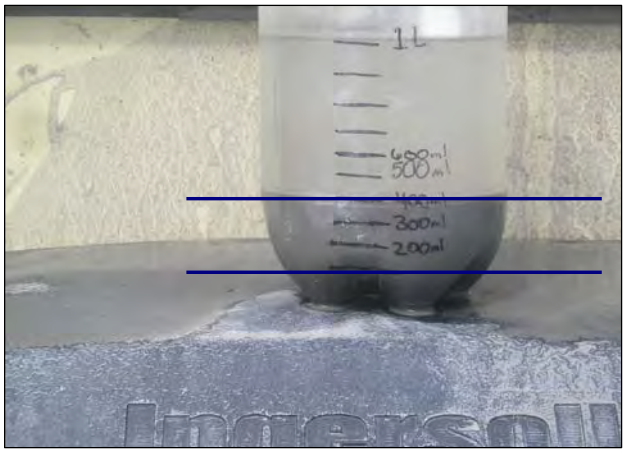
Bulldozer grading the beach near Station 90+00.

Bulldozer maintaining the south containment dike near Station 103+00.

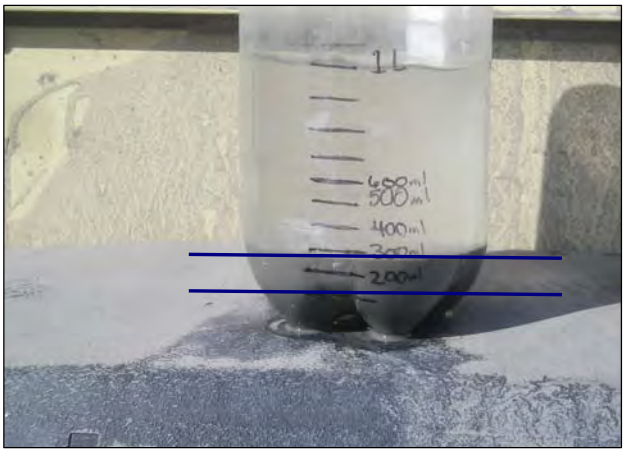
Gulf of Mexico wave conditions near Station 99+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

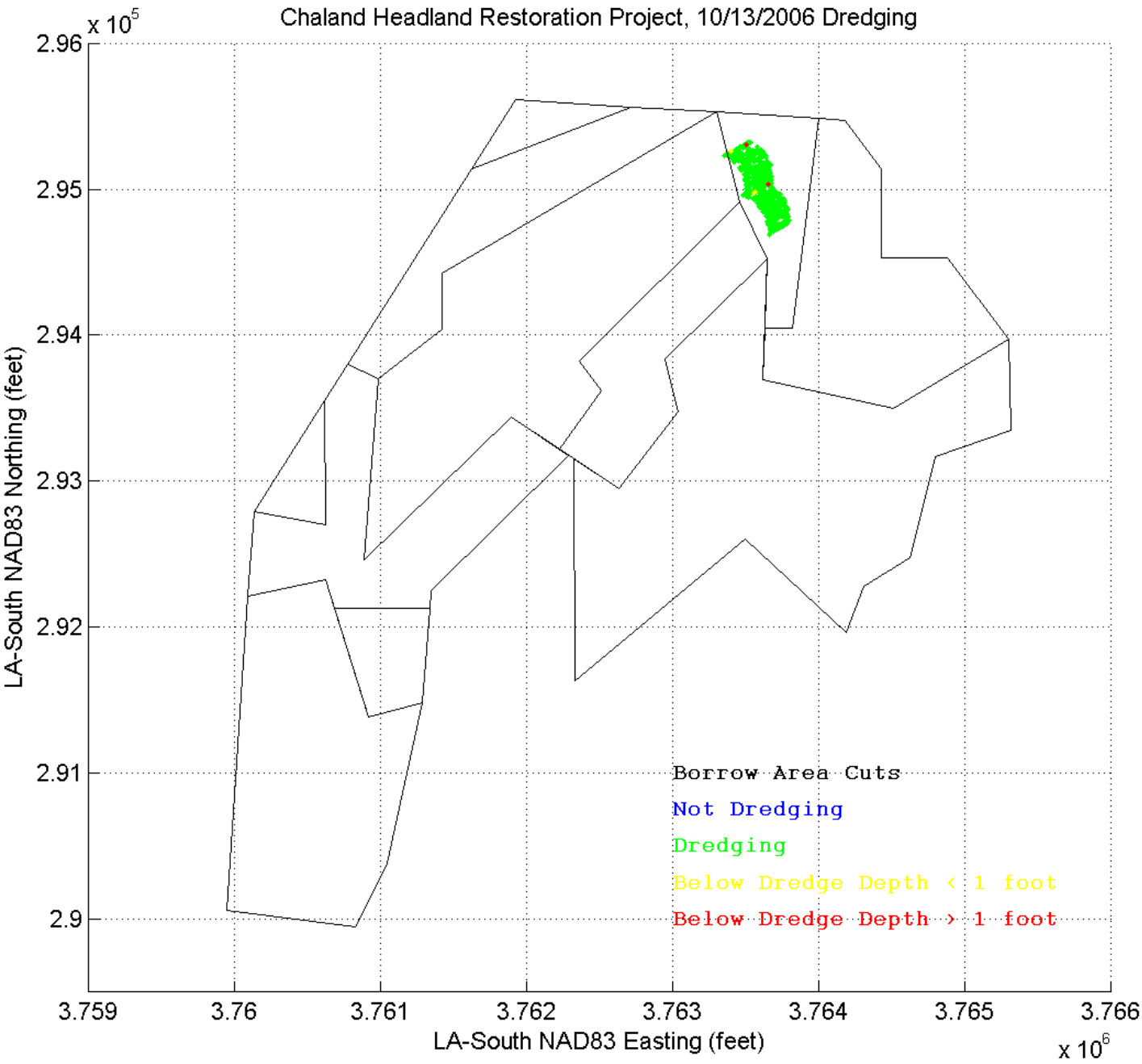
DATE: October 14, 2006 OBSERVATION REPORT NO: 203

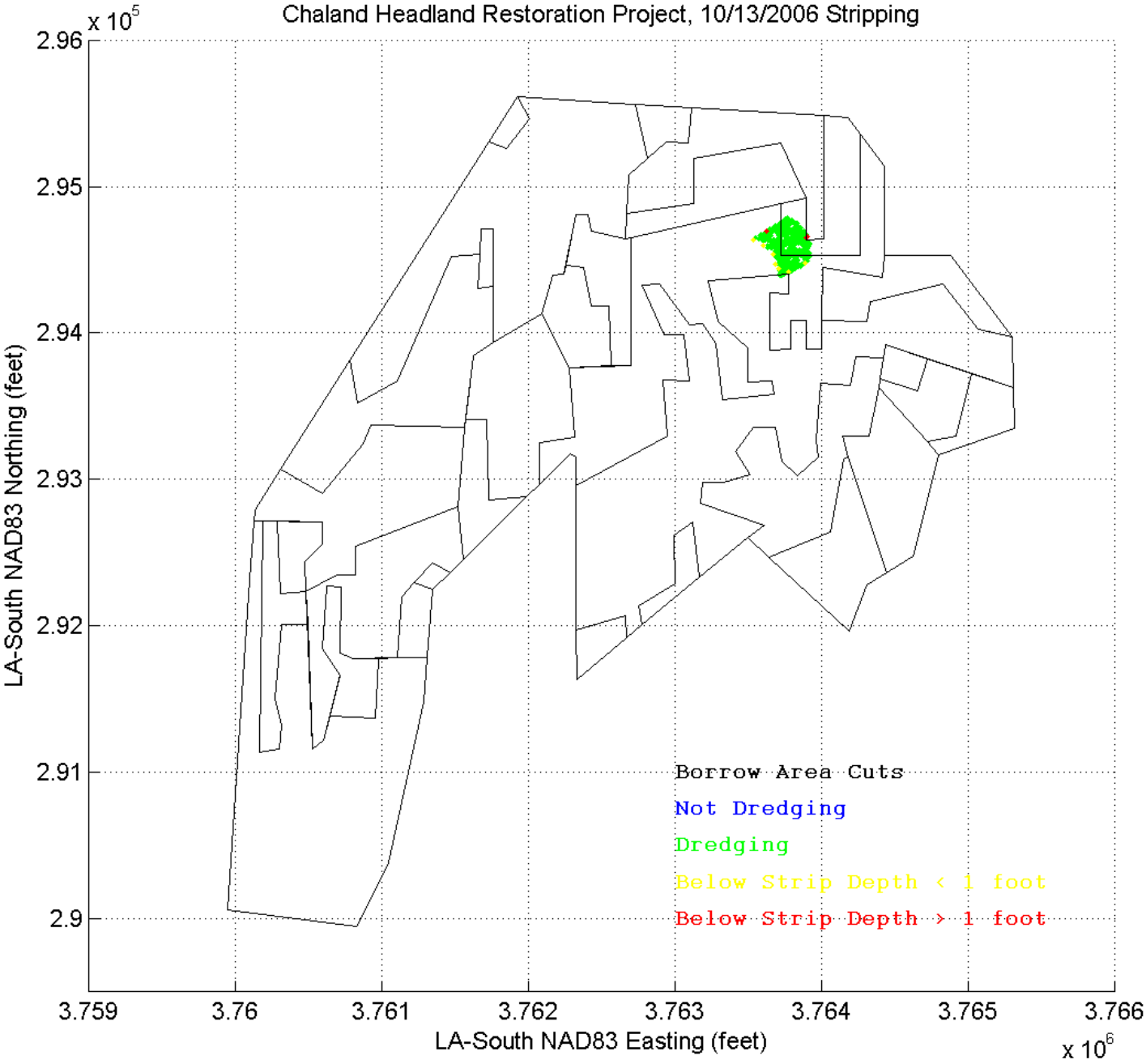


Discharge sample after settling for 15 minutes. The blue lines show the silt and sand interfaces.



Discharge sample after settling for 1 hour. The blue lines show the silt and sand interfaces.


Chaland Headland Restoration Project, 10/13/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/13/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 15, 2006 | OBSERVATION REPORT NO: 204
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 334
ARRIVAL TIME: 15:00 DEPARTURE TIME: 16:30

WEATHER CONDITIONS:	Overcast, Rain
WAVE HEIGHT AND DIRECTION:	SE 2'-3'
WIND SPEED AND DIRECTION:	ENE 15-25 mph
TEMPERATURE:	60°-70° F
CONSTRUCTION ACTIVITY:	Beach Preparation
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 116+32
MARSH FILL AREA EXTENT LOCATION:	Station 96+96

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dressing location inconsistency.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 15, 2006 OBSERVATION REPORT NO: 204

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Between Station 87+00 and Station 92+00.	Yes	Observation #3
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was not discharged to the beach or the marsh creation area. The Tom James remained at Grand Isle due to rough seas.

2. Shore pipe was dismantled east of Station 86+00. A loader transferred shore pipe east from Station 77+60 to Station 91+00. The shore crew and a bulldozer advanced the shore pipe east near Station 91+00.

3. A bulldozer graded the south slope of the dune between Station 87+00 and Station 92+00.

4. A marsh buggy worked the marsh fill along the marsh dune interface near Station 88+00.

5. Completed beach dressing location inconsistencies were observed in the 10/14 WMI Daily Quality Control Report (DQCR). The WMI DQCR summary states that beach dressing operations were complete to Station 67+91. Beach dressing operations were observed to be complete up to Station 87+00 on 10/12.

6. On 10/14 the Tom James cutterhead excavated below the newly permitted cut depth for less than 3 minutes on three occasions. The Tom James excavated an average of approximately 2.2 feet and a maximum of approximately 2.8 feet below the newly permitted cut depth.

7. Berm widths were not measured today as the southern slope of the dune was being graded near Station 87+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about 10/5 bi-weekly meeting minutes and the 9/21 revised bi-weekly meeting minutes. Gary stated that he submitted these items previously but would resubmit to ensure that the entire project team has received these items.

2. I spoke with Gary Johnson (WMI) about the adjusted marsh volume computations for pay between Station 7+42 and Station 53+40. Gary submitted a PDF version of the WMI marsh volume computations to Gordon Thomson (CPE). I spoke with Gary about obtaining the excel worksheet that lists the volume computations for pay recommendation purposes. Gary stated that he could not find the excel worksheet that lists the volumes shown in the submitted PDF. Gary said that he would contact Jason Settle (WMI) and would follow up after he has obtained this information.

3. I spoke with Gary Johnson (WMI) about the submittal of the sand fence pay survey data. Gary stated that a sand fence pay submittal is not ready. Gary said that the information will be submitted to Jason Manthey (NOAA), with Gordon Thomson (CPE) carbon copied, at a later date.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: October 15, 2006 OBSERVATION REPORT NO: 204

4. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that beach check surveys were conducted between Station 106+64 and Station 110+00. Eric said that ranges were surveyed for the placement of the marsh pipe between Station 99+00 and Station 101+00. Eric stated that the elevation of the landward extent of the dune crest was checked between Station 80+00 and Station 100+00 for grading and dressing purposes.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

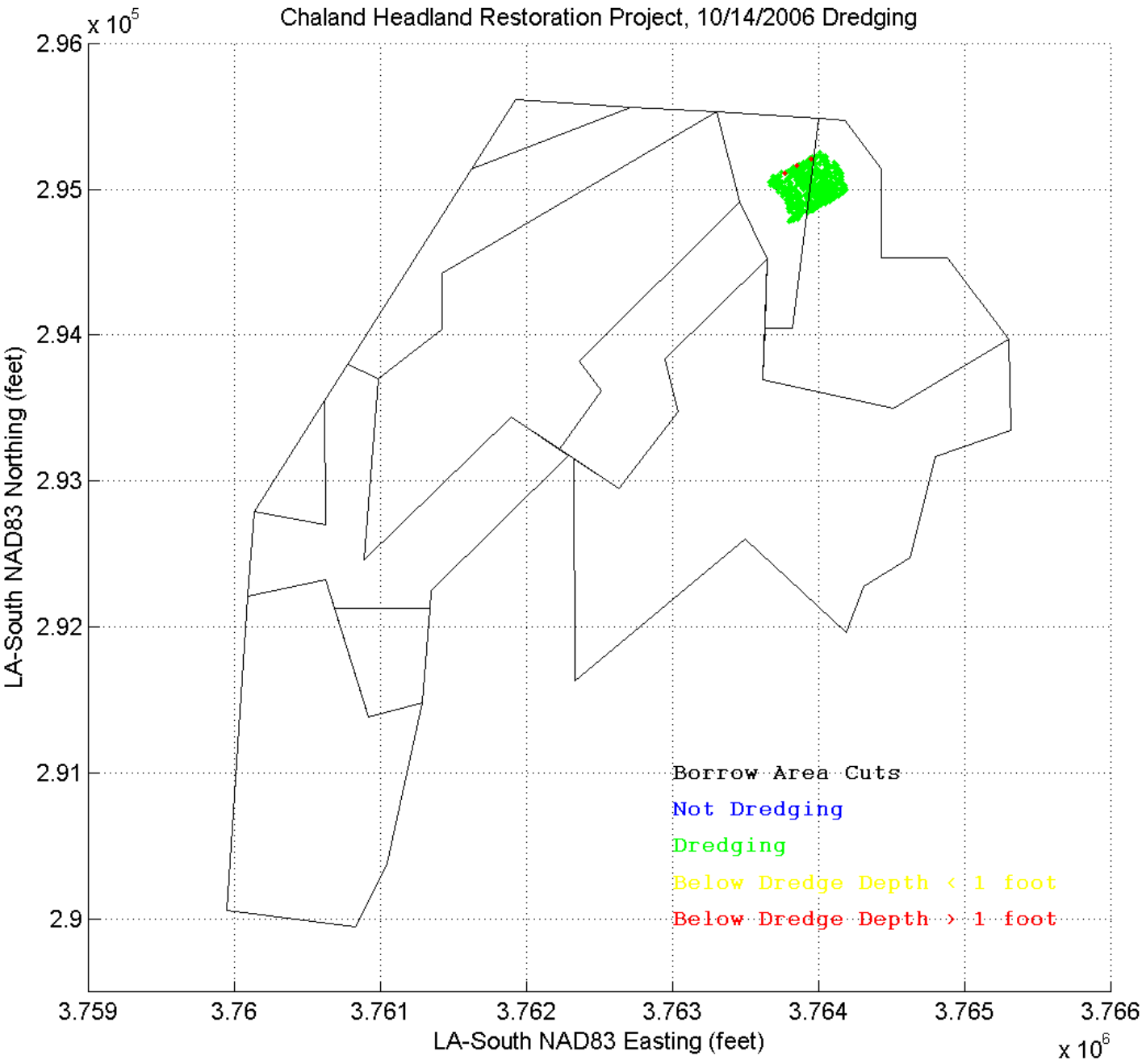
1. No.

Shore crew and bulldozer advancing the shore pipe east near Station 91+00.

Loader transferring shore pipe east from Station 77+60 to Station 91+00.

Bulldozer grading the south slope of the dune near Station 90+00.

Gulf of Mexico wave conditions near Station 86+00.


Chaland Headland Restoration Project, 10/14/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 16, 2006 | OBSERVATION REPORT NO: 205
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 335
ARRIVAL TIME: 13:30 | DEPARTURE TIME: 15:00
17:00 | 17:45

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	SSE 3'-4'
WIND SPEED AND DIRECTION:	SSE 20-30 mph
TEMPERATURE:	65°-75° F
CONSTRUCTION ACTIVITY:	Beach Preparation
NORTH OUTFALL LOCATION:	Station 100+50
CENTER OUTFALL LOCATION:	Station 101+00
SOUTH OUTFALL LOCATION:	Station 99+60
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 116+32
MARSH FILL AREA EXTENT LOCATION:	Station 96+96

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 16, 2006 OBSERVATION REPORT NO: 205

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Between Station 90+00 and Station 93+00.	Yes	Observation #4
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was not discharged to the beach or the marsh creation area. The Tom James remained at Grand Isle due to rough seas.

2. A Y-valve located near Station 96+40 Range 0+10 split the beach outfalls from the marsh outfall. The north outfall, located in the marsh creation area, was near Station 100+50 Range -4+20 and pointed northeast without a diffuser or 90° dredge pipe elbow at the end of the pipe. A Y-valve located near Station 98+30 Range 1+00 split the two beach outfalls. The center outfall was located near Station 101+00 Range 1+40 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The south outfall was located near Station 99+60 Range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipe.

3. A loader transferred shore pipe east from Station 77+60 to Station 96+96.

4. A bulldozer graded the south slope of the dune between Station 90+00 and Station 93+00.

5. A marsh buggy worked the marsh fill along the marsh/dune interface near Station 81+00.

6. a) Dredging inconsistencies were observed in the 10/15 WMI Daily Quality Control Report (DQCR). Item #9, avoidance of overdredging, states that the dredge excavated within the limits of the borrow area, as shown in the plans, and that the borrow area has not been excavated below the limits, as shown in the plans. Preceding sections in the DQCR and the Daily Dredge Report (DDR) state that the Tom James was at Grand Isle due to rough seas.

   b) Borrow area buoy inconsistencies were observed in the 10/15 WMI Daily Quality Control Report (DQCR). Item #10, buoy check, states that the buoys were not checked and did not require resetting. Given that the Tom James was not dredging within the borrow area and the buoys were not checked, the resetting of the buoys is not applicable.

7. Berm widths were not measured today as heavy equipment activity was occurring near the measurement locations.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the survey crew performed check surveys of the beach fill between Station 84+86 and Station 100+00.

2. I spoke with Gary Johnson (WMI) about the 10/19 bi-weekly meeting. Gary stated that he will not be attending the bi-weekly meeting as he will be leaving the project site tomorrow and will not be back on site until either Friday or Monday. Gary said that Paul Stewart (WMI) will be attending the bi-weekly meeting and will be the superintendent in Gary's absence.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: October 16, 2006 OBSERVATION REPORT NO: 205

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Loader transferring shore pipe east from Station 77+60 to Station 96+96.

Bulldozer grading the south slope of the dune near Station 91+00.

Marsh buggy working the marsh/dune interface near Station 81+00.

Gulf of Mexico wave conditions near Station 100+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 17, 2006 | OBSERVATION REPORT NO: 206
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 336
ARRIVAL TIME: 13:00 DEPARTURE TIME: 15:30

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	SSE 3'-4'
WIND SPEED AND DIRECTION:	SW 0-5 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Beach Preparation
NORTH OUTFALL LOCATION:	Station 100+50
CENTER OUTFALL LOCATION:	Station 101+00
SOUTH OUTFALL LOCATION:	Station 99+60
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 116+32
MARSH FILL AREA EXTENT LOCATION:	Station 96+96

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach - between Station 94+00 and Station 106+64.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	

Measurement 1: Station 87+28 - Measured Width: 243', Template Width: 249'
Measurement 2: Station 88+00 - Measured Width: 249', Template Width: 248'
Measurement 3: Station 89+00 - Measured Width: 258', Template Width: 248'
Measurement 4: Station 91+00 - Measured Width: 247', Template Width: 247'

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 17, 2006 OBSERVATION REPORT NO: 206

	Measurement 5: Station 92+00 - Measured Width: 265', Template Width: 247'		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Between Station 92+00 and Station 100+00.		Observation #2
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was not discharged to the beach or the marsh creation area. The Tom James remained at Grand Isle due to rough seas. See discussion item #1.

2. A bulldozer graded the south slope of the dune between Station 92+00 and Station 100+00.

3. A marsh buggy worked the marsh fill along the bank of the equipment access road near Station 77+60 Range -10+00.

4. A marsh buggy worked the marsh fill near the previous location of the north outfall (Station 91+40 Range -5+50).

5. Beach grade stakes were checked and replaced as necessary near Station 106+00. See discussion item #2.

6. The breach between Station 106+64 and Station 116+32 remained closed.

7. The western extent of the project held together. The width of Pass La Mer increased by approximately 50 feet.

8. Paul Stewart (WMI) arrived on site around 15:30. Gary Johnson (WMI) left the project site around 17:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the wind has calmed down but the Tom James remains in Grand Isle due to the generated swell. Paul said that conditions will be checked around 6:00 tomorrow morning.

2. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the survey crew pulled marsh grade stakes between Station 7+42 and Station 14+68. Eric said that beach grade stakes were checked and replaced as necessary between Station 94+00 and Station 106+64.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: October 17, 2006 OBSERVATION REPORT NO: 206

Bulldozer grading the beach near Station 92+00.

Marsh buggy working the marsh fill near Station 77+60 Range -10+00.

WMI surveyors replacing grade stakes near Station 106+00.

Gulf of Mexico wave conditions near Station 106+64.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 18, 2006 | OBSERVATION REPORT NO: 207
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 337
ARRIVAL TIME: 15:00 DEPARTURE TIME: 17:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 1'-2'
WIND SPEED AND DIRECTION:	S 10-15 mph
TEMPERATURE:	80°-90° F
CONSTRUCTION ACTIVITY:	Marsh Fill (Day), Beach Fill (Night)
NORTH OUTFALL LOCATION:	Station 100+50
CENTER OUTFALL LOCATION:	Station 101+00
SOUTH OUTFALL LOCATION:	Station 99+60
NORTH CONTAINMENT DIKE LOCATION:	Station 102+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 102+50
OTHER CONTAINMENT DIKE LOCATION:	Station 103+00
BEACH FILL AREA EXTENT LOCATION:	Station 116+32
MARSH FILL AREA EXTENT LOCATION:	Station 101+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistency,		Observation # 8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 2
	Type: Marsh Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation # 9
	Location:		
20.	Has a discharge sample been collected?	No	Observation # 9
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	

Measurement 1: Station 93+00 - Measured Width: 263', Template Width: 247'
Measurement 2: Station 94+00 - Measured Width: 252', Template Width: 246'
Measurement 3: Station 95+00 - Measured Width: 253', Template Width: 246'

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 18, 2006 OBSERVATION REPORT NO: 207

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: station 38+88 to station 43+56 Fence location:	Yes	Observation # 6
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes	

Marsh Fill

28.	Is material being discharged into marsh area?	Yes	Observation # 2
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The Tom James returned to the borrow area around 11:00 am after approximately 4 days (90 hours) of being in a safe harbor due to rough seas and weather.

2. Overburden was discharged to the marsh creation area through the north outfall. The north outfall was located near Station 100+50 Range -4+20 and pointed north-northeast without a diffuser or 90° dredge pipe elbow at the end of the pipe. The marsh fill material flowed north and the marsh fill extended east to Station 101+80. The elevation of the marsh fill was below the design grade as the grade markers on the marsh grade stakes could be seen. See discussion item #1.

3. The center outfall was located near Station 101+00 Range 1+40 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The south outfall was located near Station 99+60 Range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipe. The north containment dike extends along the northern extent of the dune crest between Station 100+00 and Station 102+50 and had a crest elevation of approximately 7 feet NAVD. The center containment dike extends along the project baseline between Station 101+00 and Station 103+00 and had a crest elevation of approximately 8 feet NAVD. The south containment dike extends along the southern extent of the dune crest between Station 99+00 and Station 102+50 and had a crest elevation of approximately 6 feet NAVD. A fourth containment dike extends along the northern toe of beach fill between Station 90+00 and Station 111+48 and had a crest elevation of approximately 6 feet NAVD; the containment dike along the northern toe of beach fill utilized the existing high ground east of Station 109+06.

4. Two bulldozers constructed the center containment dike between Station 101+00 and Station 103+00.

5. A marsh buggy made cuts in the marsh creation area near Station 101+00 Range -7+00 to facilitate a northerly flow of the marsh fill material.

6. Workers from Erosion Control Services were observed wrapping wires around the center of the sand fence posts between Station 38+88 and Station 43+56 as this was not completed when initially constructing the sand fence.

7. The WMI survey crew conducted check surveys near Station 100+00 using a total station. See discussion item #2.

8. Operating equipment inconsistencies were observed in the 10/18 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that one marsh buggy worked the beach fill/grade. On 10/17 two marsh buggies were observed working the marsh fill.

9. Sand and discharge samples were not collected as fill was not pumped to the beach during the day.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: October 18, 2006 OBSERVATION REPORT NO: 207

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James returned to the borrow area around 11:00 am and began pumping overburden to the marsh creation area around 12:00 pm. Paul said that beach fill operations will resume tonight. Paul stated that day time marsh fill and night time beach fill operations will continue until the marsh creation is complete.

2. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the survey crew pulled marsh grade stakes between Station 14+68 and Station 43+72. Eric said that temporary bench marks near Station 76+05 and Station 87+27 were set-up as control for the Total Station. Eric stated that beach check surveys were conducted between Station 96+96 and Station 100+00.

3. I spoke with Paul Stewart (WMI) about beach acceptance surveys. Paul stated that an attempt was made to get Fenstermaker and Associates on site this Friday to conduct acceptance surveys east of Station 77+60. Paul said that acceptance surveys will not be conducted on Friday but may be conducted on Monday depending on the availability of an observer from Fenstermaker and Associates.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Bulldozers constructing the center containment dike near Station 102+00.

Marsh buggy making cuts in the marsh near Station 101+00 Range 7+00.

WMI surveyors using a Total Station.

Gulf of Mexico wave conditions near Station 100+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 18, 2006 OBSERVATION REPORT NO: 207

View to the northwest from Station 100+50 Range -4+20.

View to the north from Station 100+50 Range -4+20.

View to the northeast from Station 100+50 Range -4+20.

View to the east from Station 100+50 Range -4+20.

View to the southeast from Station 100+50 Range -4+20.

View to the south from Station 100+50 Range -4+20.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 19, 2006 | OBSERVATION REPORT NO: 208
OBSERVER: Catherine Moran | CONTRACT DAY: 338
ARRIVAL TIME: 9:26 | DEPARTURE TIME: 11:30
15:20 | 16:00

WEATHER CONDITIONS:	Few Clouds (am); Partly Cloudy (pm)	
WAVE HEIGHT AND DIRECTION:	S 2' - 3' (am); S 1'-3' (pm)	
WIND SPEED AND DIRECTION:	SSW 10-15 mph (am); SSW 5 - 10 mph (pm)	
TEMPERATURE:	80°-95° F	
CONSTRUCTION ACTIVITY:	Marsh Fill (Day), Beach Fill (Night)	
NORTH OUTFALL LOCATION:	Station 100+50	
CENTER OUTFALL LOCATION:	Station 104+22	
SOUTH OUTFALL LOCATION:	Station 99+70	
NORTH CONTAINMENT DIKE LOCATION:	Station 106+10	Observation # 3
SOUTH CONTAINMENT DIKE LOCATION:	Station 105+00	
OTHER CONTAINMENT DIKE LOCATION:	Station 110+00	
BEACH FILL AREA EXTENT LOCATION:	Station 116+32	
MARSH FILL AREA EXTENT LOCATION:	Station 102+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found in the DQCR and DDR.		Observation # 8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 2
	Type: Marsh Fill and Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 7
	Location: CH067, Sta. 102+00 Ra. 0+63 (N 29.30946° W 89.75319°), 15:40		
20.	Has a discharge sample been collected?	No	Observation # 10
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 19, 2006 OBSERVATION REPORT NO: 208

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location: Northern dune slope between station 100+00 and station 104+22.	Yes	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation # 2
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Dune planting between station 19+25 and station 35+00.	Yes	Observation # 6
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Rachel Sweeney (NOAA), Andrew Wycklendt (CPE), Barry Richard (DNR), Ken Bahlinger (DNR), Shannon Haynes (DNR), Brian Kendrick (Kendrick Engineering), and myself visited the project site today. The group went to the west end of the project and to the discharge area. See discussion item # 1.

2. Overburden was discharged to the marsh creation area through the north pipeline discharge. The north outfall was located near Station 100+50 and pointed north without a 90° dredge pipe elbow at the end of the pipeline. The marsh fill material flowed north and the marsh fill extended east to Station 102+00.

3. The center discharge was located near station 104+50 range 0+82 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 104+22 and station 106+10. The center containment dike extends along the project baseline between station 101+00 and station 110+00. The south containment dike extends along the southern extent of the dune crest between station 99+00 and station 105+00. A fourth containment dike extends from the west end of the north dike at 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation that continues east.

4. Two bulldozers graded the northern dune slope during the morning visit between station 100+00 and station 104+22.

5. A marsh buggy made cuts in the marsh creation area near station 100+00 to facilitate a northerly flow of the marsh fill material.

6. Workers from Erosion Control Services were observed planting dune grass plants between station 19+25 and station 35+00. The dune grass plants were planted in three rows aligned east-west south of the southern sand fence.

7. Sand sample CH067 was taken near station 102+00 range 0+63 (N29.30946° W89.75319°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm. The sand sample contained approximately 1% shell hash.

DATE: October 19, 2006 OBSERVATION REPORT NO: 208

8. Operating equipment inconsistencies were observed in the 10/18 WMI Daily Quality Control Report (DQCR). The report shows that Marsh Buggy #879 was under repair, but it was operable/idle. Erosion Control Services was at the site and using there vehicles to move around, which are listed as idle. The marsh fill station on the DDR is inconsistent with the CPE visual observation on 10/18 of station 100+50.

9. On 10/18 the Tom James cutterhead excavated below the required overburden removal depth during the marsh fill operation, but above the permitted cut depth. The maximum vertical violation was approximately 4 feet. The vertical violations occurred at the end of the cutterhead swing and at cut depth boundaries.

10. A discharge sample was not collected as fill was not pumped to the beach during the day.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Rachel Sweeney (NOAA) stated that she would be discussing an additional sand fence at the west end of the project. Rachel stated that the she would have preferred that the sand fence be at a higher elevation, along the crest of the dune, as previously discussed with WMI. WMI was supposed to have coordinated the placement of the sand fence with Andrew Wycklendt (CPE) but did not inform him that they had laid out the sand fence and started.

2. Rachel Sweeney (NOAA) stated that there would be videographers and photographers on site Monday for NOAA.

3. Paul Stuart (WMI) stated that they are dredging beach fill tonight and expecting to stop dredging in the morning to move pipe around and then begin stripping and sidecasting material for 3 to 4 days depending upon the weather.

4. The WMI survey crew stated that they performed survey checks today from station 101+00 to station 104+22 using the total station.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 77+60.

Piece of equipment laying on the beach near station 67+00.

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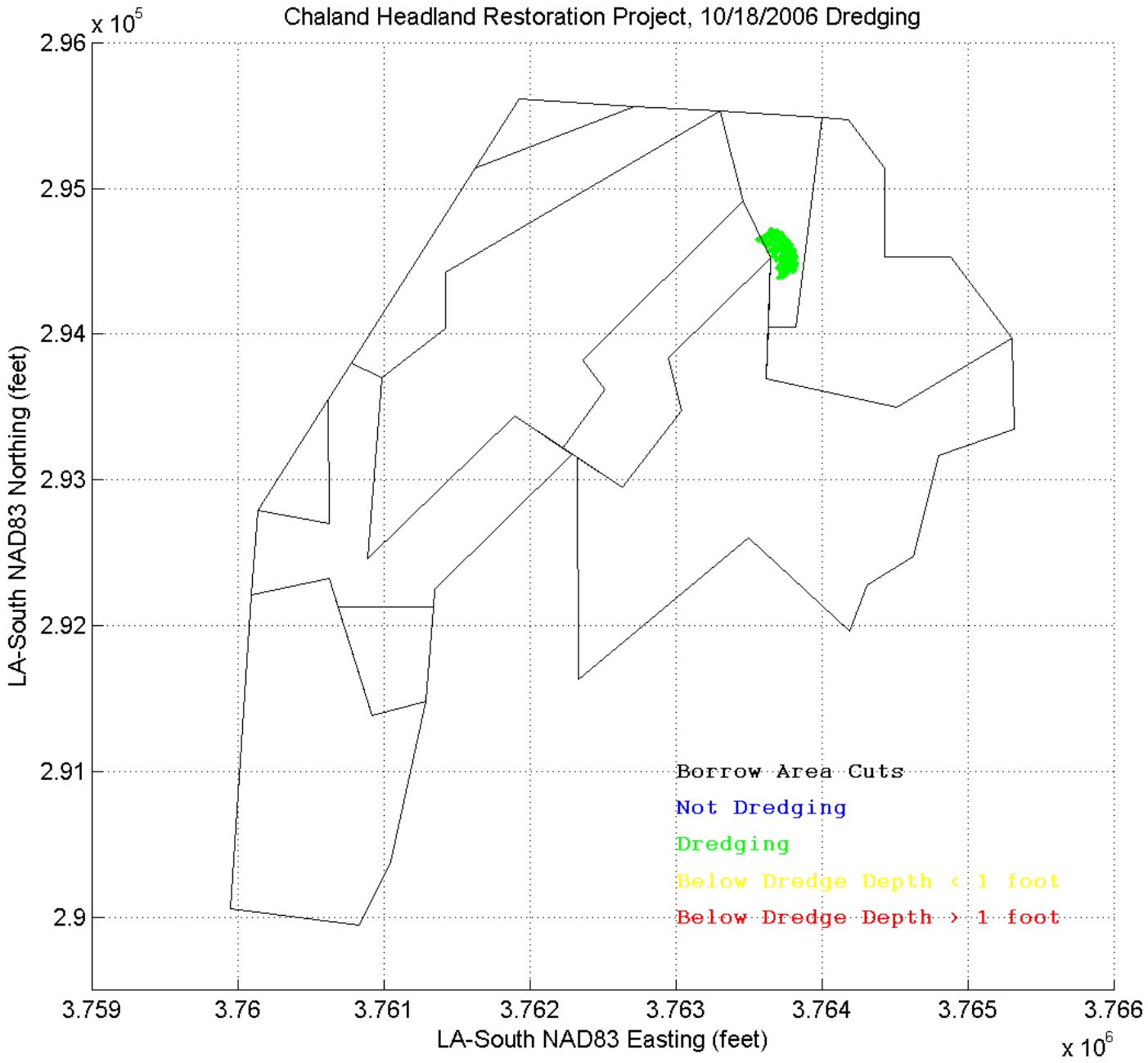
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 19, 2006 OBSERVATION REPORT NO: 208

Bulldozer grading the northern dune near station 103+00.

Plant in place to be planted with fertilizer pellet.

Planting dune plants along the south of the southern dune sand fence.


Chaland Headland Restoration Project, 10/18/2006 Dredging
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LA-South NAD83 Northing (feet)
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LA-South NAD83 Easting (feet)
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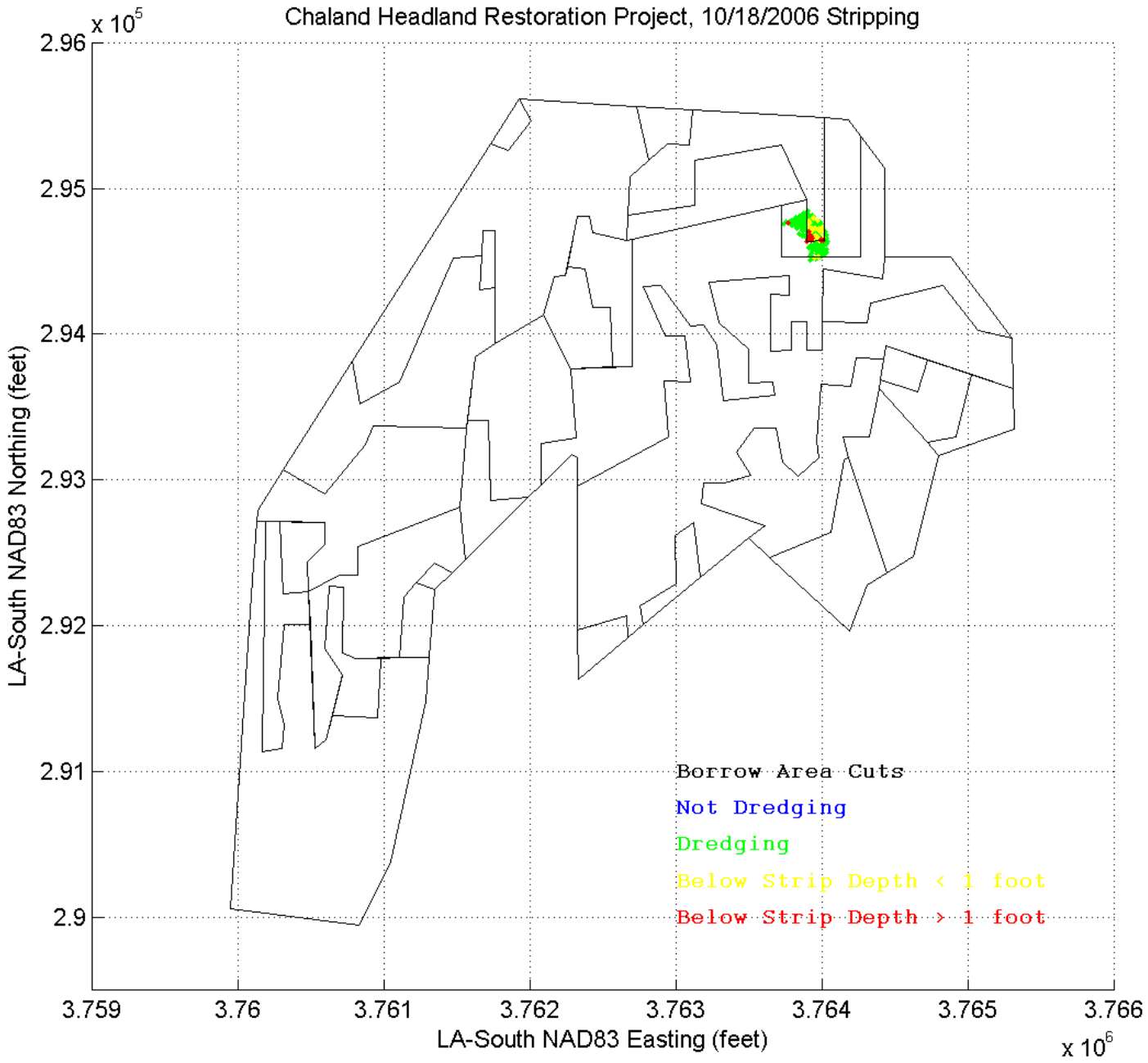
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/18/2006 Stripping
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LA-South NAD83 Northing (feet)
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LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 20, 2006 | OBSERVATION REPORT NO: 209
OBSERVER: Catherine Moran | CONTRACT DAY: 339
ARRIVAL TIME: 11:40 DEPARTURE TIME: 13:35

WEATHER CONDITIONS:	Overcast	
WAVE HEIGHT AND DIRECTION:	S <1'	
WIND SPEED AND DIRECTION:	N 10-15 mph	
TEMPERATURE:	65° - 80° F	
CONSTRUCTION ACTIVITY:	Beach Fill (early am); Overburden Removal	Discussion # 1
NORTH OUTFALL LOCATION:	Station 100+50	
CENTER OUTFALL LOCATION:	Station 105+82	
SOUTH OUTFALL LOCATION:	Station 99+70	
NORTH CONTAINMENT DIKE LOCATION:	Station 107+50	Observation # 2
SOUTH CONTAINMENT DIKE LOCATION:	Station 105+00	
OTHER CONTAINMENT DIKE LOCATION:	Station 116+00	
BEACH FILL AREA EXTENT LOCATION:	Station 116+50	
MARSH FILL AREA EXTENT LOCATION:	Station 102+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found in the DQCR and DDR.		Observation # 10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Beach Fill and Overburden Removal		Discussion # 1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 9
	Location: CH068, Sta. 105+60 Ra. 1+05 (N 29.30921° W 89.75206°), 13:05		
20.	Has a discharge sample been collected?	No	Observation # 8
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 20, 2006 OBSERVATION REPORT NO: 209

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	Discussion # 1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Dune planting between station 16+00 and station 47+00.	Yes	Observation # 6
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was dredged and sidecast into the borrow area today. Beach fill occurred overnight from 10/19 into 10/20 and sidecasting began during the daytime today (10/20).

2. The north pipeline discharge, which is stationed into the marsh fill area, was located at approximately station 100+50 facing north. The center discharge was located near station 105+82 range 0+75 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 105+50 and station 107+50. The center containment dike between station 101+00 and station 116+00 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately 0 feet to 20 feet south of the southern dune crest between station 99+00 and station 105+00. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation that continues east.

3. No bulldozer or marsh buggy activity was occurring during the morning visit.

4. The D7 #898 was observed attached to a cable assisting to hold the north pipeline and marsh rubber line together.

5. The WMI survey crew was observed conducting check surveys for the dune fill at station 77+60 and station 79+00 near the northern toe of dune.

6. Workers from Erosion Control Services have planted dune vegetation along the north side of the southern dune sand fence between station 19+25 and station 28+30, along the south side of the northern dune sand fence between station 16+00 and station 28+00. There has also been a fourth row of vegetation planted on the south side of the southern dune sand fence between station 19+25 and station 47+00, skipping the onshore pipeline space.

7. The vegetation that has been planted on the south side of the southern dune sand fence is offset from the fence 8 feet and the four rows are approximately 8 feet apart. The planted rows shift with the shift in the fences where the fences overlap.

8. A discharge sample was not collected as fill was not pumped to the beach during the day.

9. Sand sample CH068 was taken near station 105+60 range 1+05 (N 29.30921° W 89.75206°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

DATE: October 20, 2006 OBSERVATION REPORT NO: 209

10. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR), the WMI Daily Dredge Report (DDR) and CPE visual observation. Operating equipment inconsistencies were observed in the 10/19 DQCR. The report shows that Marsh Buggy #879 was under repair, but it was operable/idle. Erosion Control Services was at the site and using there vehicles to move around, which are listed as idle. DQCR item #1B shows Erosion Control Services erecting fence, but the subcontractor was planting vegetation on 10/19. The beach fill station on the DQCR and the DDR are the same, but inconsistent with CPE visual observation of station 104+50 (10/19). The beach fill station on the DQCR and the DDR shows no advance from the previous day, and pipe was added to the center pipeline. There is no change in shore pipeline length in the DDR from 10/18 to the DDR from 10/19. The marsh fill station on the DDR is inconsistent with the CPE visual observation on 10/19 of station 100+50.

11. On 10/19 the Tom James cutterhead excavated below the required overburden removal depth during the marsh fill operation, but above the permitted cut depth. The maximum vertical violation during marsh fill operation was approximately6 feet. All of the vertical violations greater than 1 foot occurred at the end of the cutterhead swing and at cut depth boundaries. During the beach fill operation the cutterhead excavated below the permitted cut depth by less than one foot only three times.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Paul Stuart (WMI) stated that no marsh fill was pumped today. Paul stated that the dredge started stripping and sidecasting overburden at 9:15 am. Paul stated that stripping and sidecasting is expected to occur for 3 or 4 days.

2. Paul Stuart (WMI) stated that Gary Johnson (WMI) informed him that a marsh volume had been agreed upon between Weeks, CPE and the Government. Gordon Thomson informed me that the marsh volume calculated by CPE was 6,400 cubic yards less than the volume calculated by WMI. He informed Gary of this.

3. Gerard, DNR subcontracted vegetation inspector, stated that Erosion Control Services had planted all the vegetation that was at the site by approximately 10 am this morning and were heading to the mainland to pick up more plants.

4. The WMI survey crew stated that they conducted dune fill check surveys from station 77+00 to station 96+96.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 77+60.

Looking west from station 47+00 at the four rows of planted vegetation south of the southern sand fence.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

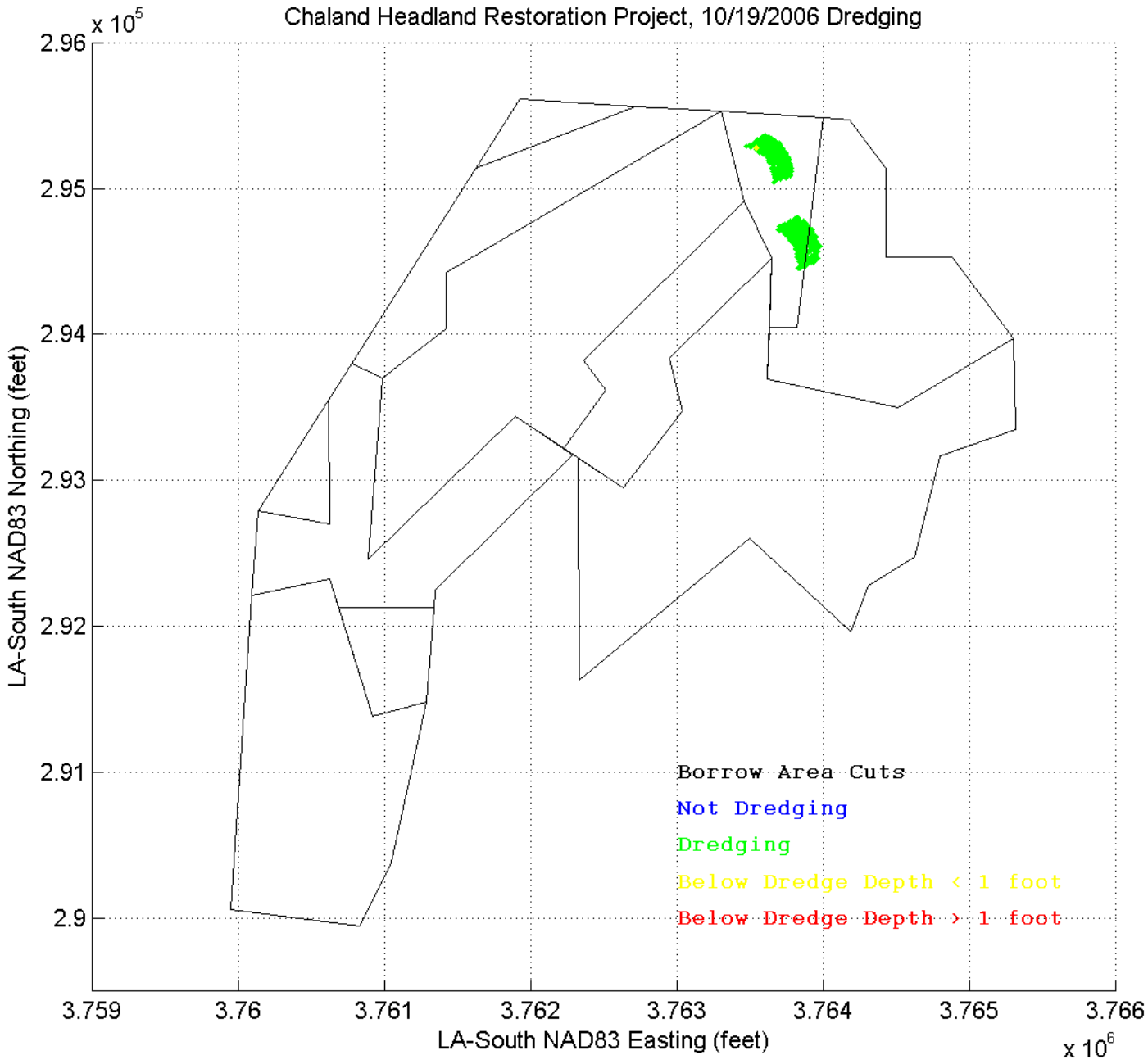
DATE: October 20, 2006 OBSERVATION REPORT NO: 209

Looking west from station 28+30 along the planted vegetation north of the southern sand fence.

Looking east from station 16+00 along planted vegetation or south side of northern sand fence. The shift at the change in fence is pointed out in the picture.

D7 with cable attached to pipeline to assist in holding marsh rubber pipeline to shore pipeline.

Survey crew conducting check survey along station 79+00.


Chaland Headland Restoration Project, 10/19/2006 Dredging
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LA-South NAD83 Northing (feet)
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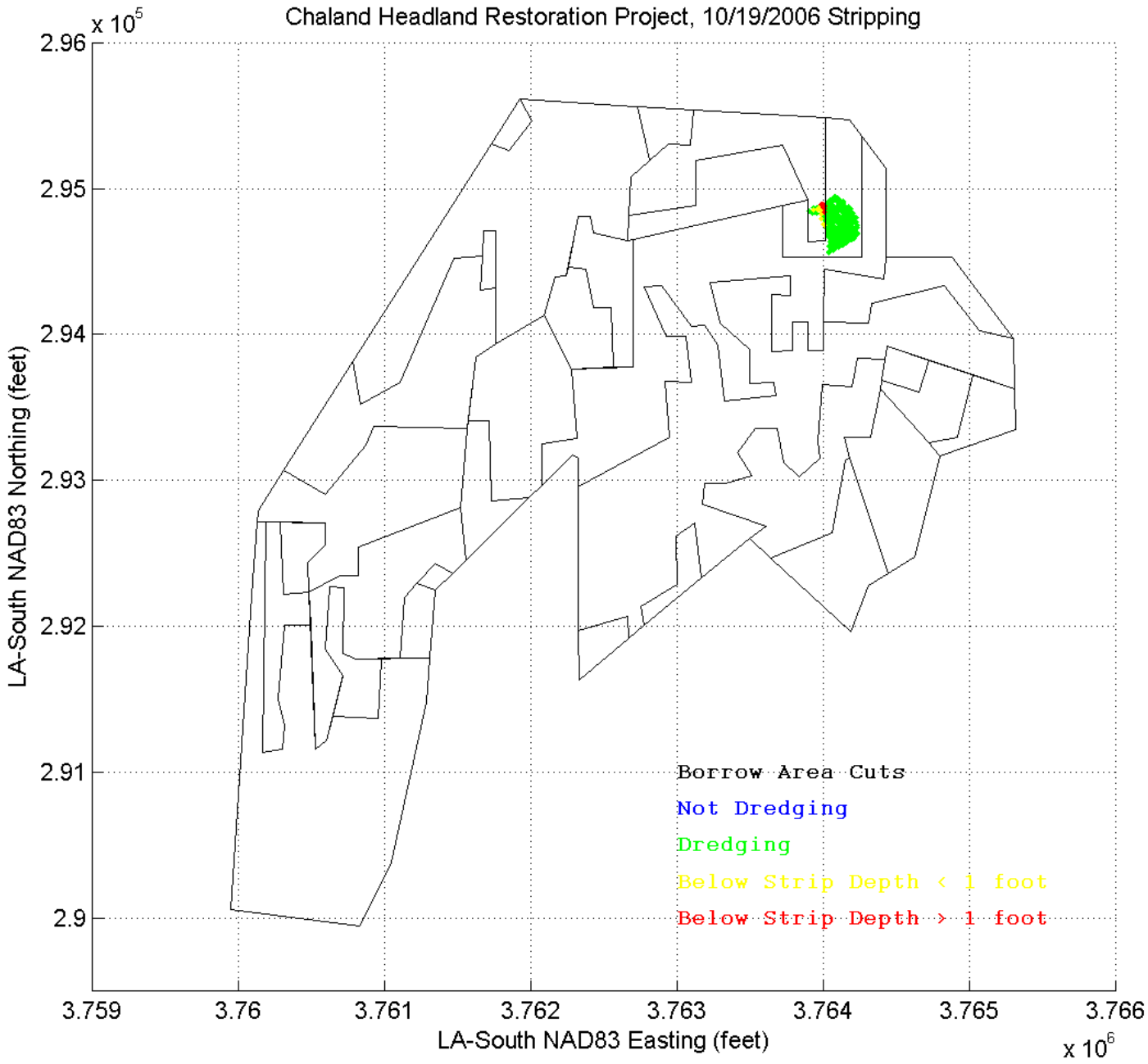
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/19/2006 Stripping
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LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 21, 2006 | OBSERVATION REPORT NO: 210
OBSERVER: Catherine Moran | CONTRACT DAY: 340
ARRIVAL TIME: 9:15 | DEPARTURE TIME: 10:55

WEATHER CONDITIONS:	Partly cloudy	
WAVE HEIGHT AND DIRECTION:	SSE <1'	
WIND SPEED AND DIRECTION:	E 5 - 10 mph	
TEMPERATURE:	60° - 70° F	
CONSTRUCTION ACTIVITY:	Overburden Removal	
NORTH OUTFALL LOCATION:	Station 100+50	
CENTER OUTFALL LOCATION:	Station 105+82	
SOUTH OUTFALL LOCATION:	Station 99+70	
NORTH CONTAINMENT DIKE LOCATION:	Station 107+50	Observation # 2
SOUTH CONTAINMENT DIKE LOCATION:	Station 105+00	
OTHER CONTAINMENT DIKE LOCATION:	Station 116+00	
BEACH FILL AREA EXTENT LOCATION:	Station 116+50	
MARSH FILL AREA EXTENT LOCATION:	Station 102+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found in the DQCR and DDR.		Observation # 10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation # 9
	Location:		
20.	Has a discharge sample been collected?	No	Observation # 8
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation # 7
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 21, 2006 OBSERVATION REPORT NO: 210

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	Observation # 1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Primary dike planting between station 87+00 and station 106+64.	Yes	Observation # 6
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was dredged and sidecast into the borrow area today. No beach fill or marsh fill operations occurred today.

2. The north pipeline discharge, which is located in the marsh fill area, was located at approximately station 100+50 facing north. The center discharge was located near station 105+82 range 0+75 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 105+50 and station 107+50. The center containment dike between station 101+00 and station 116+00 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately 0 feet to 20 feet south of the southern dune crest between station 99+00 and station 105+00. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation that continues east.

3. One bulldozer was observed working in the discharge area from a distance, but upon my arrival to the discharge area, no bulldozers were operating in the discharge area.

4. The D7 #898 was observed attached to a cable assisting to hold the north pipeline and marsh rubber line together.

5. The WMI survey crew was observed conducting grade checks along the dune at station 87+00 and station 88+00 near the southern dune crest.

6. Erosion Control Services (ECS) was planting vegetation along the primary dike between approximately station 87+00 and station 93+00. Throughout the day ECS workers were observed planting vegetation along the primary dike moving east to approximately station 106+64. ECS was planting vegetation in a section of marsh that has not yet settled for 30 days and so has not been surveyed or accepted.

7. Construction dune widths east of station 95+00 cannot be measured because grading on the southern side of the dune has not been completed.

8. A discharge sample was not collected as fill was not pumped to the beach.

9. No sand sample was collected today because there has been no advance in fill placement over the past day.

DATE: October 21, 2006 OBSERVATION REPORT NO: 210

10. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR), the WMI Daily Dredge Report (DDR) and CPE visual observation. DQCR item 1B continues to show Erosion Control Services erecting fence, but the subcontractor was planting vegetation on 10/20. The beach fill station on the DQCR and the DDR are the same, but inconsistent with CPE visual observation of station 105+82 (10/20). There is no change in shore pipeline length in the DDR from 10/19 to the DDR from 10/20, but there was advance of the center pipeline. The marsh fill station on the DDR is inconsistent with the CPE visual observation on 10/20 of station 100+50.

    The following operating equipment inconsistencies were observed in the 10/20 DQCR.
    a. The report shows that Marsh Buggy #879 was under repair, but it was operable/idle.
    b. The Tom James Dredge was listed as idle, but it was conducting beach fill operations and stripping operations on 10/20.
    c. The Miss Helen (tug boat) was listed as operable/idle, but the tug was used on 10/20 to move the barge attached to the
    d. Erosion Control Services vehicles were listed as idle, but they were in use.

11. On 10/20 the Tom James cutterhead excavated below the required overburden removal depth during stripping operation, but above the permitted cut depth. The maximum vertical violation during overburden removal was approximately 2 feet. During the beach fill operation the cutterhead excavated below the permitted cut depth by less than one foot only one time and by approximately 2 feet one time. All of the vertical violations greater than 1 foot occurred at the end of the cutterhead swing.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Stanley Boredlon (ECS) stated that they were going to be planting along the primary dike today. Stanley stated that Keith Lovell (DNR) informed him today that he could plant anywhere along the dike. Stanley stated that the DNR wants 1 row of plants on the outside of the dike and 2 rows of plants along the inside of the dike (marsh side).

2. I called Gordon Thomson (CPE) to inform him that ECS was planting vegetation in a section of marsh that had not yet been accepted.

3. The WMI survey crew stated that they plan to conduct AD surveys of the dune profiles from station 77+60 to station 96+96 in 2 or 3 days.

4. The WMI survey crew stated that they conducted dune fill check surveys from station 85+00 to station 88+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 79+00.

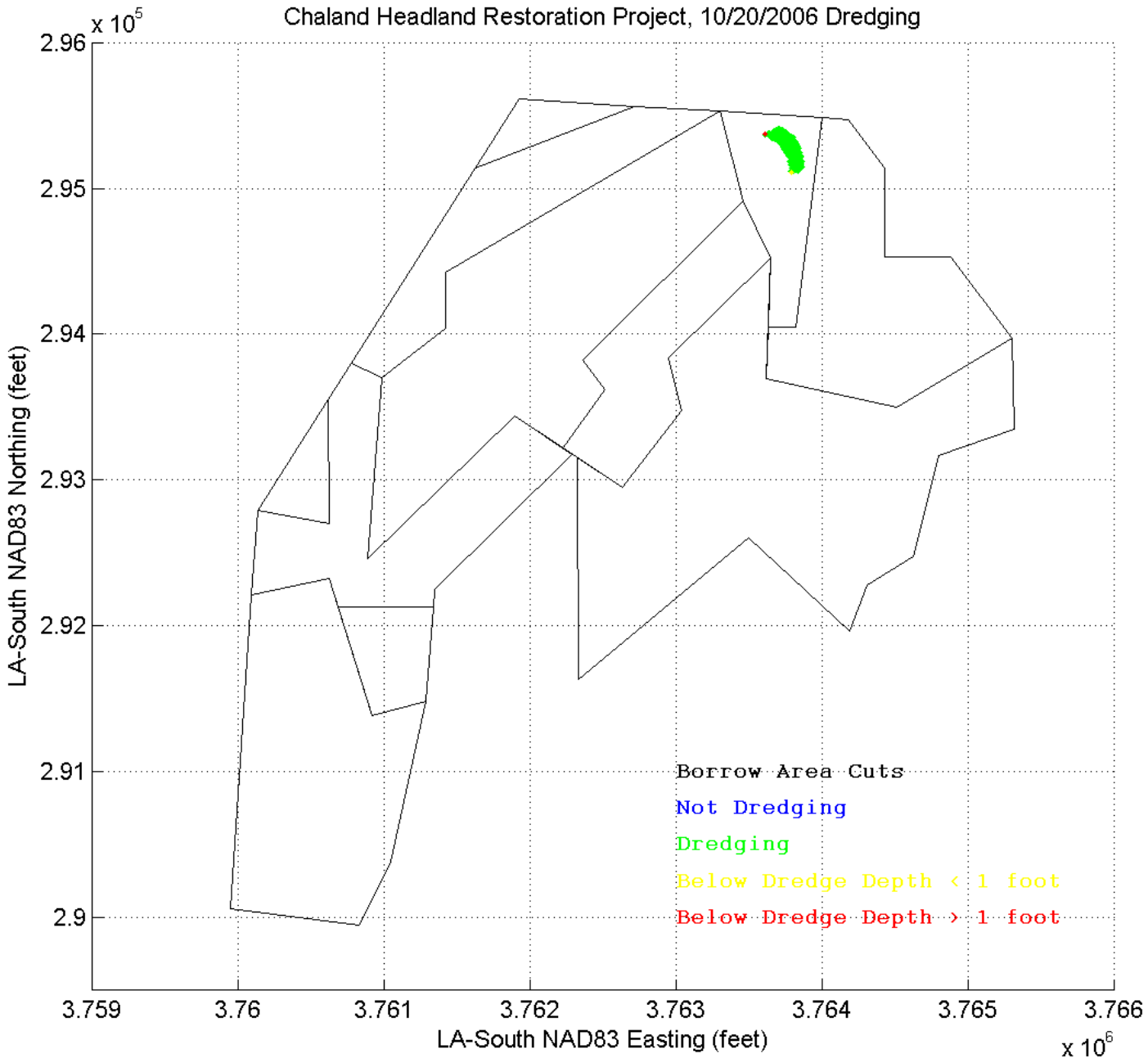
Survey crew checking grade at station 87+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 21, 2006 OBSERVATION REPORT NO: 210

ECS planting vegetation along primary dike near station 90+42.

ECS planting vegetation along primary dike near station 90+42.


Chaland Headland Restoration Project, 10/20/2006 Dredging
x 10^5
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LA-South NAD83 Northing (feet)
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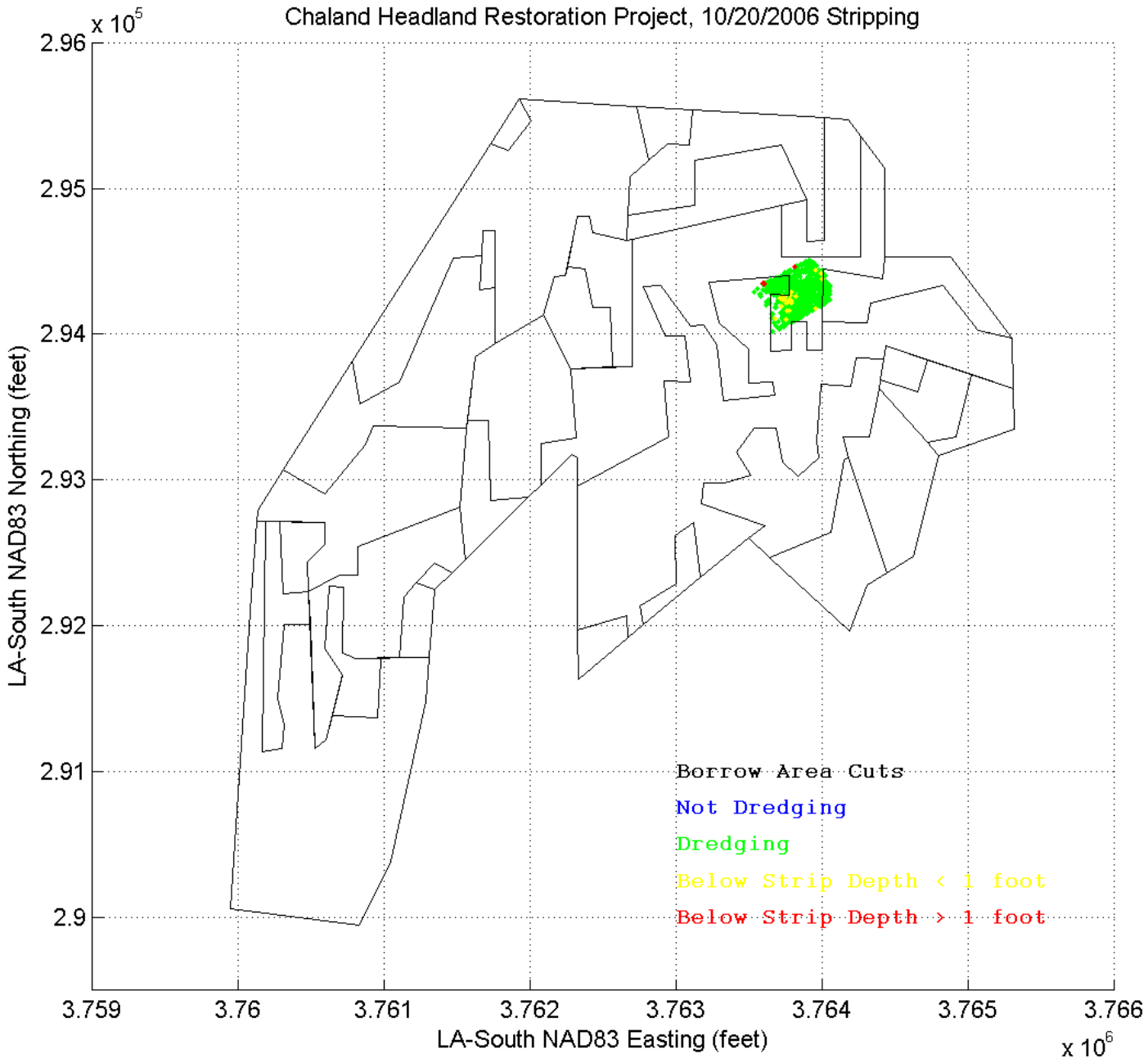
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/20/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 22, 2006 | OBSERVATION REPORT NO: 211
OBSERVER: Catherine Moran | CONTRACT DAY: 341
ARRIVAL TIME: 11:45 DEPARTURE TIME: 13:30

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	S <1'
WIND SPEED AND DIRECTION:	NNE 15 - 20 mph
TEMPERATURE:	55° - 70° F
CONSTRUCTION ACTIVITY:	Overburden Removal
NORTH OUTFALL LOCATION:	Station 100+50
CENTER OUTFALL LOCATION:	Station 105+82
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 107+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 105+00
OTHER CONTAINMENT DIKE LOCATION:	Station 116+00
BEACH FILL AREA EXTENT LOCATION:	Station 116+50
MARSH FILL AREA EXTENT LOCATION:	Station 102+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found in the DQCR and DDR.		Observation # 12
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 13

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation # 9
	Location:		
20.	Has a discharge sample been collected?	No	Observation # 8
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 22, 2006 OBSERVATION REPORT NO: 211

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	Observation # 1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	Observation # 7
	Description: Primary dike planting between station 106+64 and east.		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was dredged and sidecast into the borrow area today. No beach fill or marsh fill operations occurred today.

2. There has been no change in the north, center, and south pipeline locations. There has been no change in the location of the dikes.

3. No bulldozers or marsh buggies were working during my beach visit.

4. Two shoremen were observed loading fence posts onto a sleigh attached to a bulldozer. The fence posts are going to be moved to the beach where the fence will be constructed.

5. Shore crew members were instructed to clean the constructed beach. The crew was observed cleaning a portion of the beach and were observed bringing the trash bags to the landing area.

6. The WMI survey crew was observed conducting check surveys along the dune, near the southern toe of dune fill at station 96+00.

7. Erosion Control Services (ECS) was planting vegetation along the primary dike between approximately station 106+64 moving east.

8. A discharge sample was not collected as fill was not pumped to the beach.

9. No sand sample was collected today because there has been no advance in fill placement over the past day.

10. I took the coordinates of the spit at the western most extent of the island. See below for the coordinates.

11. Rachel Sweeney (NOAA) arrived on site in the afternoon in preparation for the governments video taping and still photography scheduled on site for tomorrow.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: October 22, 2006 OBSERVATION REPORT NO: 211

12. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR), the WMI Daily Dredge Report (DDR) and CPE visual observation. The beach fill station on the DQCR and the DDR are the same, but inconsistent with CPE visual observation of station 105+82 (10/21). The marsh fill station has not changed on the DDR and is inconsistent with the CPE visual observation of 100+50. The report shows that Marsh Buggy #879 was under repair, but it was operable/idle.

13. On 10/21 the Tom James cutterhead excavated below the required overburden removal depth during stripping operation, but above the permitted cut depth. The maximum vertical violation during overburden removal was approximately 3 feet. All of the vertical violations greater than 1 foot occurred at the end of the cutterhead swing and at the change in cut depth.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Paul Stuart (WMI) stated that he plans to have the dredge strip and sidecast overburden material till Tuesday night. Paul then expects to have the dredge shut down and go into safe harbor with the upcoming forecast of rough weather.

2. The WMI survey crew stated that they conducted dune fill check surveys from station 88+00 to station 96+96.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

West end spit coordinates:

Point	Easting	Northing	Notes
1	3775067.09	299347.73	south side start point, lined up with the primary dike
2	3774879.39	299557.58	
3	3774807.31	299702.07	
4	3774653.84	299972.76	
5	3774673.20	300191.23	western most point of spit/island
6	3774921.52	300212.78	northern most point of spit
7	3775040.74	300117.29	
8	3775032.74	300001.89	most northeast point of spit
9	3774985.60	299952.88	
10	3775086.20	299584.38	north side end point, lined up with the primary dike

Wave condition at station 81+00.

Looking across Pass La Mer from west point of island.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 22, 2006 OBSERVATION REPORT NO: 211

Looking north from north side end point of west spit.

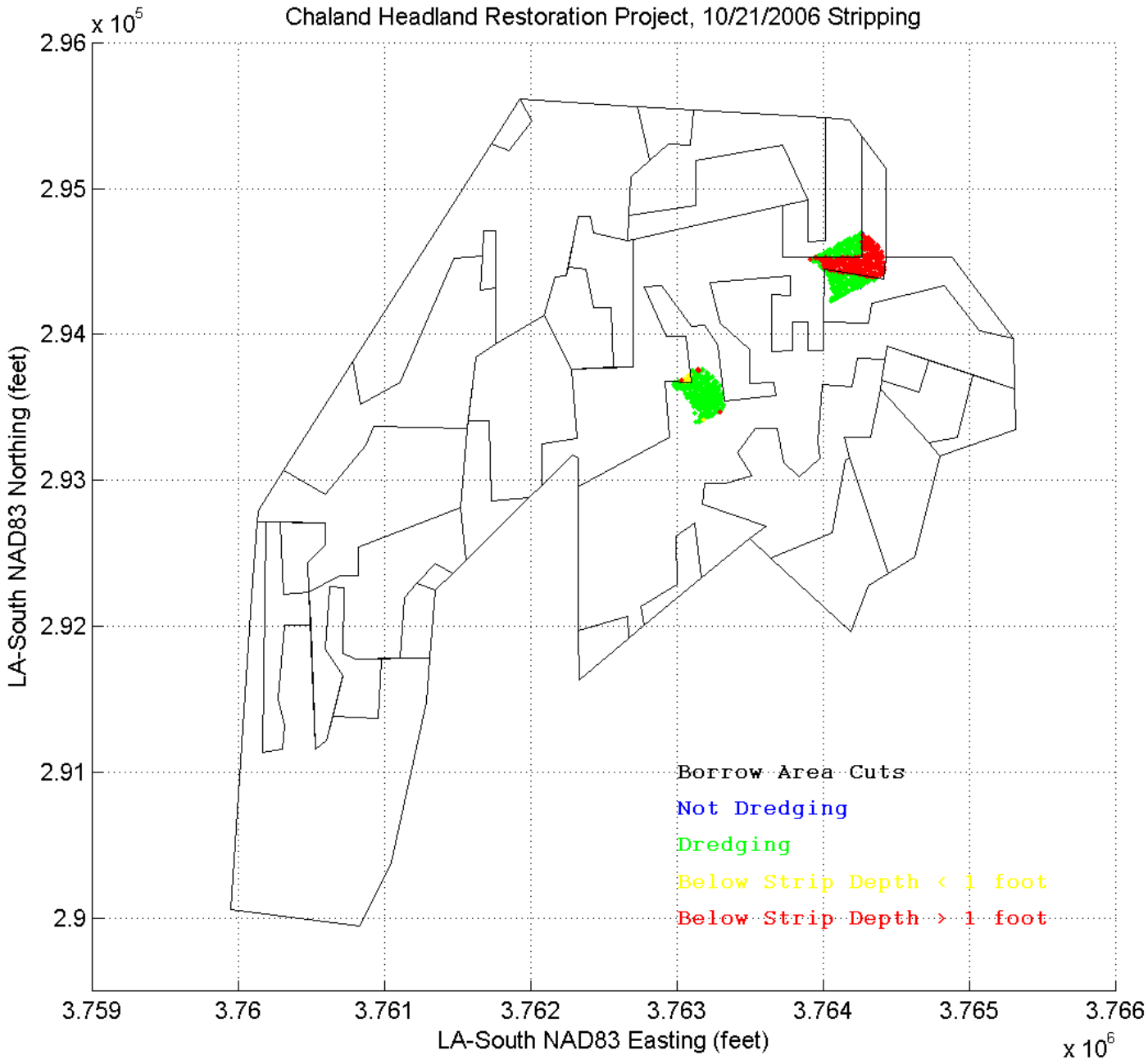
Looking south from north side end point of west spit.

Looking west from north side end point of west spit.

Looking east from north side end point of west spit.

Two shore crew men loading fence posts onto sleigh pulled by a bulldozer.

Vegetation planted along primary dike near station 87+00.


Chaland Headland Restoration Project, 10/21/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 23, 2006 | OBSERVATION REPORT NO: 212
OBSERVER: Catherine Moran | CONTRACT DAY: 342
ARRIVAL TIME: 13:30 DEPARTURE TIME: 14:45

WEATHER CONDITIONS: Partly cloudy
WAVE HEIGHT AND DIRECTION: S <1'
WIND SPEED AND DIRECTION: NNE 15 - 20 mph
TEMPERATURE: 40° - 60° F

CONSTRUCTION ACTIVITY: Overburden Removal, Marsh Fill, & Beach Fill
NORTH OUTFALL LOCATION: Station 100+50
CENTER OUTFALL LOCATION: Station 105+82
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 107+50
SOUTH CONTAINMENT DIKE LOCATION: Station 105+00
OTHER CONTAINMENT DIKE LOCATION: Station 116+00
BEACH FILL AREA EXTENT LOCATION: Station 116+50
MARSH FILL AREA EXTENT LOCATION: Station 102+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found in the DQCR and DDR.		Observation # 10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Overburden Removal, Marsh Fill, & Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation # 1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation # 8
	Location:		
20.	Has a discharge sample been collected?	No	Observation # 7
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 23, 2006 OBSERVATION REPORT NO: 212

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation # 1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was dredged and sidecast into the borrow area overnight from 10/22 into 10/23. Marsh fill was pumped throughout the morning and midday. The dredge began pumping beach fillat approximately 4:30pm.

2. There has been no change in the north, center, and south pipeline locations. There has been no change in the location of the dikes.

3. Two marsh buggies were observed working in the marsh fill area between station 92+12 and station 100+00.

4. A bulldozer graded the dune from station 96+00 to station 99+00. The bulldozer filled in a gap in the fill along the southern dune slope near station 96+50 with material from the southern outfall area.

5. The DNR vegetation planting inspector was onsite during the day. I did not observe any vegetation planting.

6. Two cables and a rope were found partially buried near station 100+00 range -0+82.

7. A discharge sample was not collected as fill was not pumped to the beach during the day.

8. No sand sample was collected today because there has been no advance in fill placement over the past day. The beach fill placement started after my beach visit.

9. Rachel Sweeney (NOAA) conducted a video taping interview today with a NOAA subcontracted videographer and still photographer. The videographer and still photographer arrived on site by helicopter.

10. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR), the WMI Daily Dredge Report (DDR) and CPE visual observation. The DDR has the dredge stripping for 23.08 hours and the DQCR has the dredge stripping for 23.8 hours. Under equipment in the DQCR the D7 #898 is listed as operating and listed as idle. The D7 is attached to the cable holding the rubber line and shore pipeline together.

11. On 10/22 the Tom James cutterhead excavated below the required overburden removal depth during stripping operation, but above the permitted cut depth. The maximum vertical violation during overburden removal was approximately 4 feet. All of the vertical violations greater than 1 foot occurred at the end of the cutterhead swing.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: October 23, 2006 OBSERVATION REPORT NO: 212

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Paul Stuart (WMI) stated that they began pumping beach fill around 4:30 pm today
2. Paul Stuart (WMI) stated that the dredge is expected to pump beach fill for the next couple of days.
3. The WMI survey crew stated that a Fenstemaker representative is expected to arrive on site tomorrow to observe the AD surveys from station 77+00 to station 96+96 for the beach fill. The crew plans to conduct the hydro portion of the onshore survey tomorrow with the total station and then move to the RTK on Wednesday to complete the onshore portion of the survey.
4. The WMI survey crew stated that they conducted grade checks from station 96+00 to station 120+00, placing and replacing missing stakes.
5. The WMI survey crew stated that they conducted check surveys for dune fill from station 98+00 to station 116+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

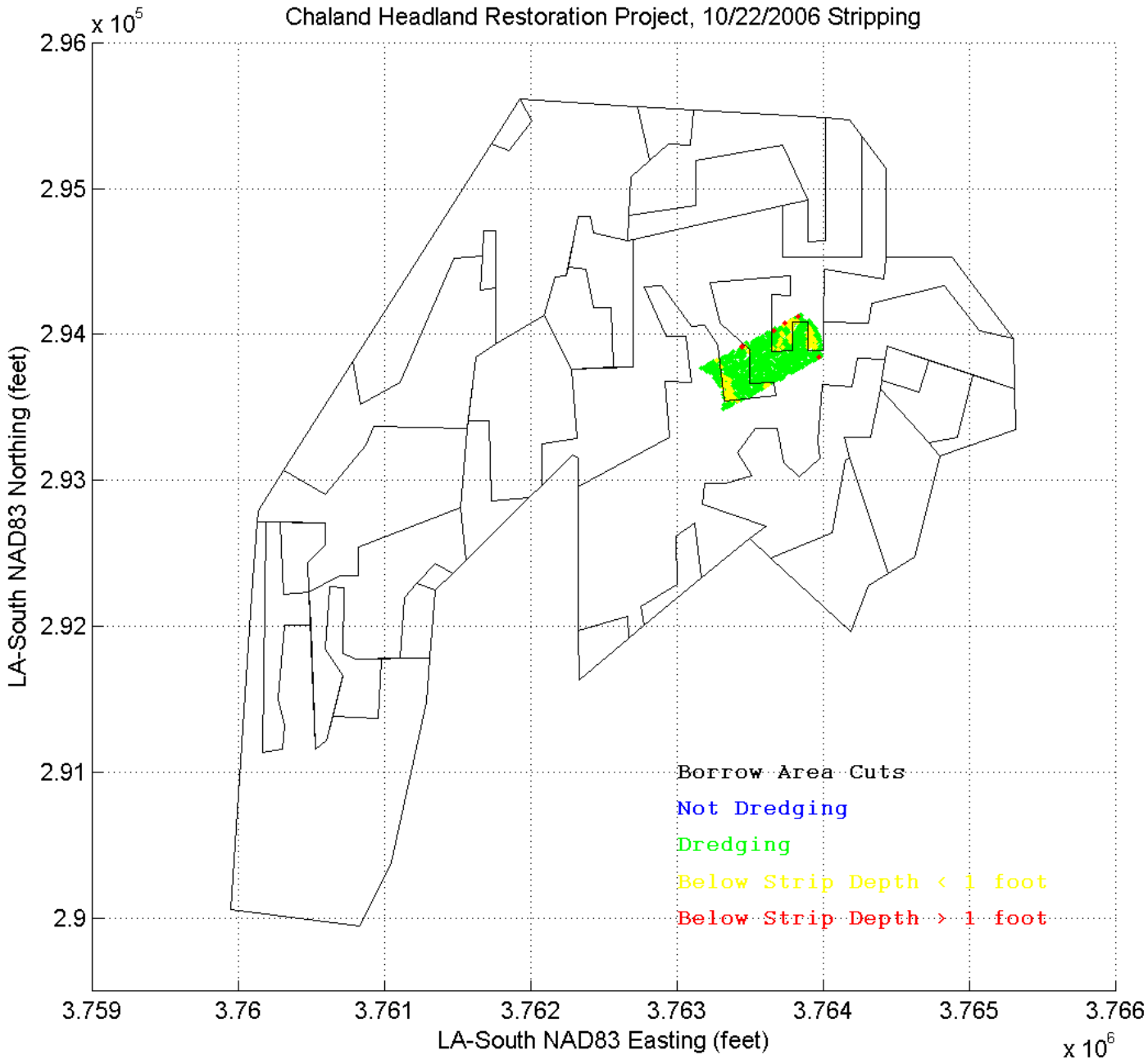
1. No.

Wave condition at station 91+00.

Marsh fill discharging to the north at station 100+50.

Bulldozer grading southern dune slope near station 99+00.

Bulldozer filling in gap along southern dune slope near station 96+00.


Chaland Headland Restoration Project, 10/22/2006 Stripping
x 10^5
2.96
2.95
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LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 24, 2006 | OBSERVATION REPORT NO: 213
OBSERVER: Catherine Moran | CONTRACT DAY: 343
ARRIVAL TIME: 9:00 | DEPARTURE TIME: 11:30
13:20 | 15:00

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SSE <1' (am); S <1' (pm)
WIND SPEED AND DIRECTION: N 5 - 10 mph (am); NE 0 - 5 mph (pm)
TEMPERATURE: 55° - 65° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 100+50 (am); Station 102+00 (pm) — Observation # 1
CENTER OUTFALL LOCATION: Station 105+82
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 107+50
SOUTH CONTAINMENT DIKE LOCATION: Station 105+00
OTHER CONTAINMENT DIKE LOCATION: Station 118+00
BEACH FILL AREA EXTENT LOCATION: Station 119+00
MARSH FILL AREA EXTENT LOCATION: Station 102+00.

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Inconsistencies were found in the DQCR and DDR. — Observation # 9
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes — Observation # 2
    Type: Beach Fill
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No — Observation # 10

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — Yes
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — Yes — Observation # 6
    Location: CH069, station 106+00 range 0+35 (N 29.30936° W 89.75192°),
20. Has a discharge sample been collected? — Yes — Observation # 7
21. Does the material appear to meet technical requirements? — No
22. Were the constructed berms measured? — Yes
    Measurement 1: Station 96+00 - Measured Width: 216', Template Width: 246'
    Measurement 2: Station 96+96 - Measured Width: 202', Template Width: 245'
    Measurement 3: Station 98+00 - Measured Width: 208', Template Width: 245'
    Measurement 4: Station 99+00 - Measured Width: 202', Template Width: 245'

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 24, 2006 OBSERVATION REPORT NO: 213

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	No

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The north pipeline discharge is located in the marsh fill area and was located at approximately station 100+50 facing north during the morning visit. During the afternoon visit the marsh pipe had been moved to approximately station 102+00 facing east.

2. The center and south pipeline discharge into the beach fill area. The center discharge was located near station 105+82 range 0+75 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 105+50 and station 107+50. The center containment dike between station 101+00 and station 118+00 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately 0 feet to 20 feet south of the southern dune crest between station 99+00 and station 105+00. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation that continues east. The fill extends to approximately station 119+00, where it flows into the Gulf of Mexico.

3. Two marsh buggies were observed working in the marsh fill area between station 100+00 and station 101+00. The rubber pipeline for the marsh was moved and the north discharge is now at approximately station 102+00 pointing east.

4. One bulldozer dressed the beach with a drag pipe in the morning between station 77+60 and station 96+96. During the afternoon a bulldozer was maintaining the flow of the fill and a different bulldozer was grading the dune between station 96+96 and station 99+00.

5. Subcontractor ECS was planting dune vegetation between the two sand fences from approximately station 32+00 to station 67+00.

6. Sand sample CH069 was collected at approximately station 106+00 range 0+35 (N 29.30936° W 89.75192°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm.

7. A discharge sample was collected at approximately 10:08 am, with pictures taken at 10:13 am and then at 11:13 am. The water/silt lined settled by 250 ml, from 1050 ml to 800 ml. The sand/silt line went up by approximately 25 ml, from 250 ml to 275 ml.

DATE: October 24, 2006 OBSERVATION REPORT NO: 213

8. The WMI survey crew was observed surveying the surf zone portion of the profiles along station 85+00 through station 89+00. The surveyor was walking and swimming the lines far enough offshore to allow the data to overlap the boat survey data by at least 50 feet. The survey crew was using the total station to conduct the survey and a representative from Fenstemaker was on site observing the survey. The surveyors were following the required maximum of 20 feet between survey data points, as specified in technical provision 35.2.

9. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR), the WMI Daily Dredge Report (DDR) and CPE visual observation. The DQCR has the operating times listed as the amount of time the dredge worked on the different operations, but imply that those are the total times. The DDR shows an advance in beach fill discharge end station, but this did not occur on 10/23. The change in the end station of the discharge for the beach fill was a correction to the reports (DDR and DQCR).

10. On 10/23 the Tom James cutterhead excavated below the required overburden removal depth during stripping and marsh fill activities, but above the permitted cut depth. The maximum vertical violation during overburden removal was approximately 4 feet. During the beach fill operation the cutterhead excavated below the permitted cut depth a maximum of approximately 4 feet. All of the vertical violations greater than 1 foot occurred at the end of the cutterhead swing.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

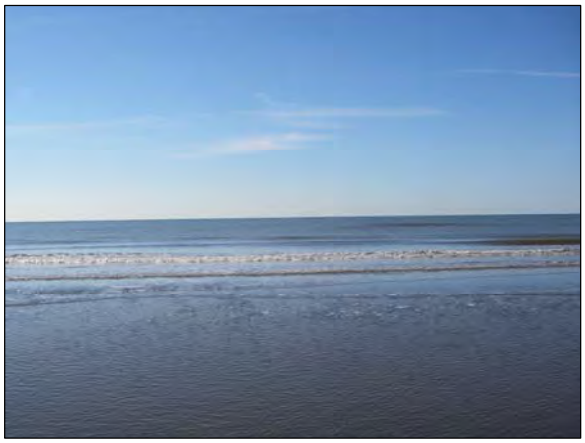
1. Paul Stuart (WMI) stated that he is expecting that the dredge will have to move to safe harbor tomorrow due to the weather forecast.

2. The WMI survey crew stated that they conducted the surf zone of the AD surveys for station 77+00 to station 87+00 today using the total station.

3. The WMI survey crew stated they plan to conduct the surf zone portion of the AD surveys for station 88+00 to station 96+96 first thing tomorrow using the total station. After the surf zone portion of the survey is finished they plan to begin on the onshore portion of the AD surveys using the RTK.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

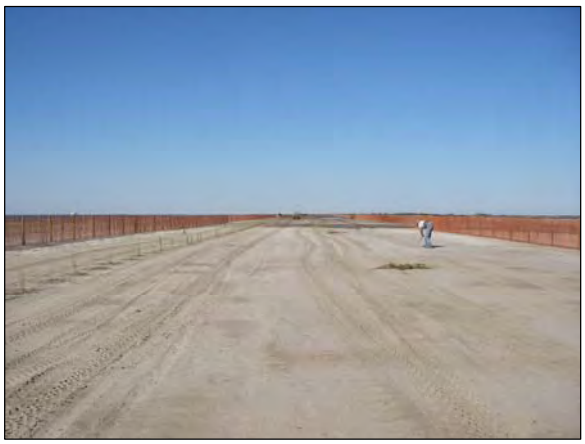


Wave condition at station 79+00.

Planting dune vegetation between the north and south sanc fences near station 67+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 24, 2006 OBSERVATION REPORT NO: 213

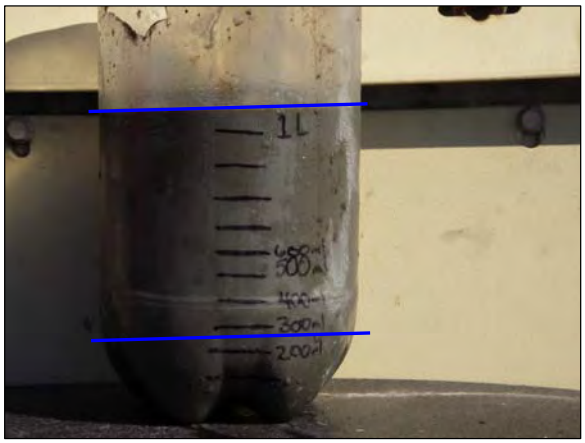


Planting dune vegetation between the north and south sand fences near station 45+00.

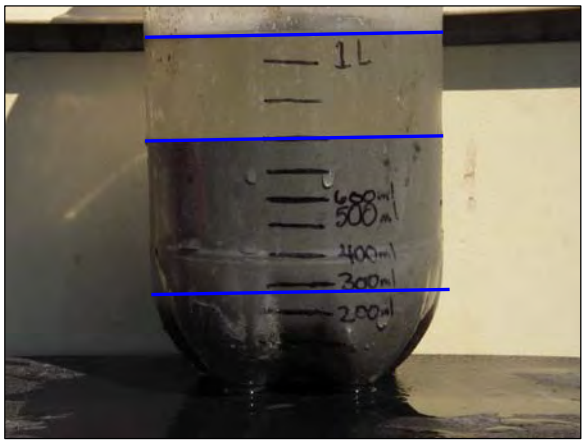
Center pipeline discharge near at station 105+82 range 0+75.

South pipeline discharge at station 99+70 range 1+50.

North pipeline at approximately station 102+00.



Discharge sample first picture taken at 10:13 am.



Discharge sample second picture taken at 11:13 am.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: October 24, 2006 OBSERVATION REPORT NO: 213

Looking east from station 112+00 range 1+99.

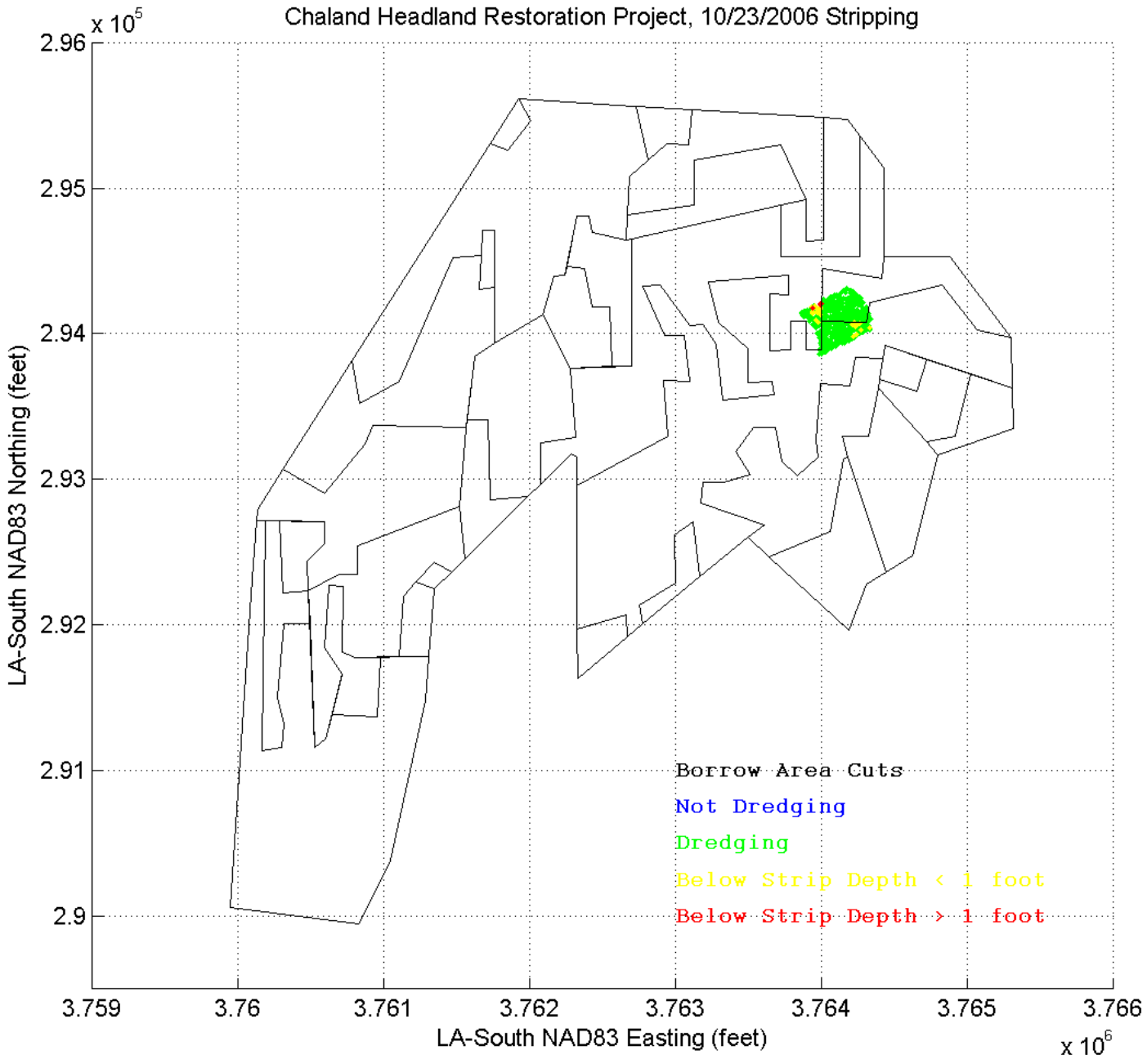
Looking west from station 112+00 range 1+99.

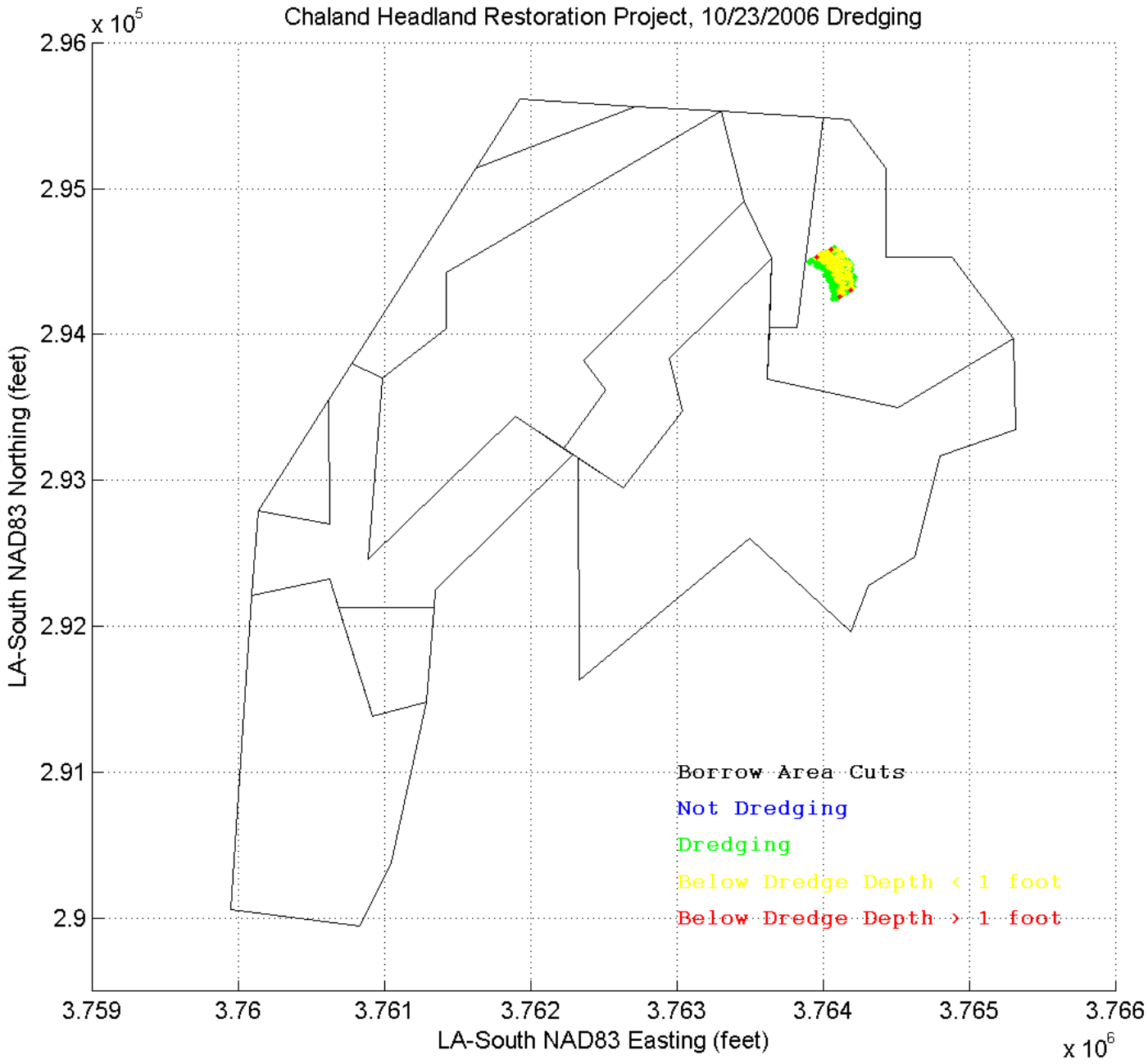
Survey crew using total station to conduct survey.

Surveying in surfzone along station 85+00.

Surveying in nearshore at station 89+00.

Bulldozer grading the dune near station 98+00.


Chaland Headland Restoration Project, 10/23/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot


Chaland Headland Restoration Project, 10/23/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 25, 2006 | OBSERVATION REPORT NO: 214
OBSERVER: Catherine Moran | CONTRACT DAY: 344

ARRIVAL TIME:	9:30	DEPARTURE TIME:	12:05
	14:55		15:50

WEATHER CONDITIONS: Mostly Cloudy
WAVE HEIGHT AND DIRECTION: SSW 1' - 2' (am); S 1' - 2' (pm)
WIND SPEED AND DIRECTION: NE 5 - 15 mph (am); NE 5 - 10 mph (pm)
TEMPERATURE: 55° - 70° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 102+00
CENTER OUTFALL LOCATION: Station 107+20
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 108+50
SOUTH CONTAINMENT DIKE LOCATION: Station 104+30
OTHER CONTAINMENT DIKE LOCATION: Station 123+50
BEACH FILL AREA EXTENT LOCATION: Station 124+00
MARSH FILL AREA EXTENT LOCATION: Station 102+00.

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found in the DQCR and DDR.		Observation # 12
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 2
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 13

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 4
	Location: CH070, station 107+00 range 0+71 (N 29.30924° W 89.75156°),		
20.	Has a discharge sample been collected?	Yes	Observation # 5
21.	Does the material appear to meet technical requirements?	No	Observation # 5
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 25, 2006 OBSERVATION REPORT NO: 214

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location: station 96+00 to station 98+00	Yes	Observation # 7
25.	Is an acceptance survey for a completed section being conducted today? Location: Surf zone and southern dune slope, station 77+00 to station 96+96	Yes	Observation # 10-11 Discussion # 3-4
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The north pipeline discharge, which is located in the marsh fill area, was located at approximately station 102+00 facing east.

2. The material is only being discharged through the center pipeline, not the south pipeline. Weeks Marine is building up the northern dune slope prior to marsh fill placement. After the northern dune is complete for the last portion of the marsh fill to be placed, the remaining portion of the dune template will be filled.

3. The center discharge was located near station 107+20 range 0+76 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 106+00 and station 108+50. The center containment dike between station 101+00 and station 123+50 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately 0 feet to 20 feet south of the southern dune crest between station 99+00 and station 104+30. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation that continues east. The fill extends to approximately station 124+00, where it flows into the Gulf of Mexico.

4. Sand sample CH070 was collected at approximately station 107+00 range 0+71 (N 29.30924° W 89.75156°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm.

5. A discharge sample was collected at approximately 10:35 am, with pictures taken at 10:50 am and then at 11:50 am. The water/silt lined settled by approximately 39 ml, from 1099 ml to 1060 ml. There was no sand/silt line visible at the time of the first or second picture. The discharge sample appeared to have a higher percentage of silt than sand and higher than the silt percentage in previous discharge samples.

6. No marsh buggies were observed operating today.

7. Two bulldozers worked on extending and maintaining the center dike throughout the day. One bulldozer graded and dressed the southern dune slope between station 96+00 and station 98+00.

8. Subcontractor Erosion Control Services was not observed on site today.

9. The dune vegetation that has been planted west of the onshore pipeline landing between the north and south sand fences is in 5 rows between approximately station 16+00 and station 28+36. The dune vegetation that has been planted between the north and south sand fences east of the onshore pipeline landing is in four rows located between approximately station 32+25 and station 67+32. A few of the rows have not been completely planted and extend only a portion of the way between the two stations. The rows are offset from the fence 10 feet to 20 feet and offset from each other 10 feet.

10. The WMI survey crew was observed surveying the surf zone portion of the profiles along station 90+00, station 91+00, and station 96+96. The surveyor was walking and swimming the lines where necessary to allow the data to overlap the boat survey data by at least 50 feet. The survey crew was using the total station to conduct the survey and a representative from Fenstemaker was on site observing the survey. The surveyors were following the required maximum of 20 feet between survey data points, as specified in technical provision 35.2.

11. The WMI survey crew was observed surveying the southern dune slope into wading depth (~ waist high) of water for the profiles along station 89+00 through station 91+00. The surveyor was walking the lines using the RTK to collect the data points. The surveyors were following the required maximum of 20 feet between survey data points, as specified in technical provision 35.2.

12. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR), the WMI Daily Dredge Report (DDR) and CPE visual observation. The DQCR has the dredge stripping for 20.5 hours on 10/24, but the dredge was pumping beach fill. Item 1B in the DQCR shows the subcontractor planting vegetation on the dike, but ECS was planting dune vegetation between the north and south sand fence on 10/24 as visually observed during the CPE observation on 10/24. Item # 7 shows that there were no deficiencies on the quarter boat on 10/24, but the mechanic and other crew members worked on, and fixed, one of the generators during the day.

13. On 10/24 the Tom James cutterhead excavated below the permitted cut depth during the beach fill operation with a maximum vertical violation of 2 feet.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Paul Stuart (WMI) stated that he will be leaving the project site late today and then Gary Johnson (WMI) will be returning to the project site tomorrow morning.

2. Paul Stuart (WMI) stated that the dredge will is moving into safe harbor as of approximately 5:00 pm and is expected to be in harbor for about 2 days.

3. The WMI survey crew stated that they completed the surf zone portion of the AD surveys by conducting the surveys in the surf zone through station 96+96 using the total station.

4. The WMI survey crew stated they completed the AD surveys for the southern dune slope between station 77+00 and station 96+96, inclusive. They stated that they used the RTK to collect data points from the southern dune crest into wading depth of water to overlap with the surf zone data points that they collected.

5. The WMI survey crew stated that they plan to have the AD surveys complete for station 77+00 to station 96+96 by the end of the day tomorrow. They stated that they will be conducting the surveys tomorrow from the southern dune crest, north, into the marsh, using the RTK.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

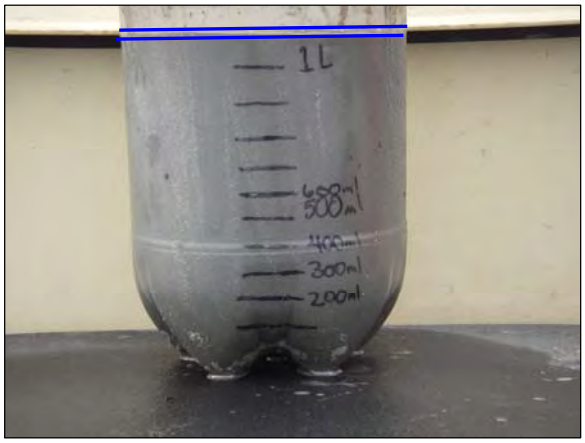
DATE: October 25, 2006 OBSERVATION REPORT NO: 214

Wave condition at station 77+60.

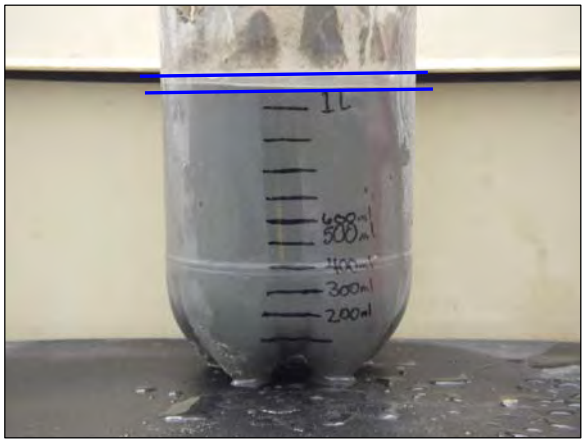
Looking west from station 57+50 at the 4 rows of plants between the north and south sand fence

Surveying in the surf zone at station 91+00.

Center pipeline discharge at station 107+20 range 0+76.



Discharge sample first picture at 10:50 am.



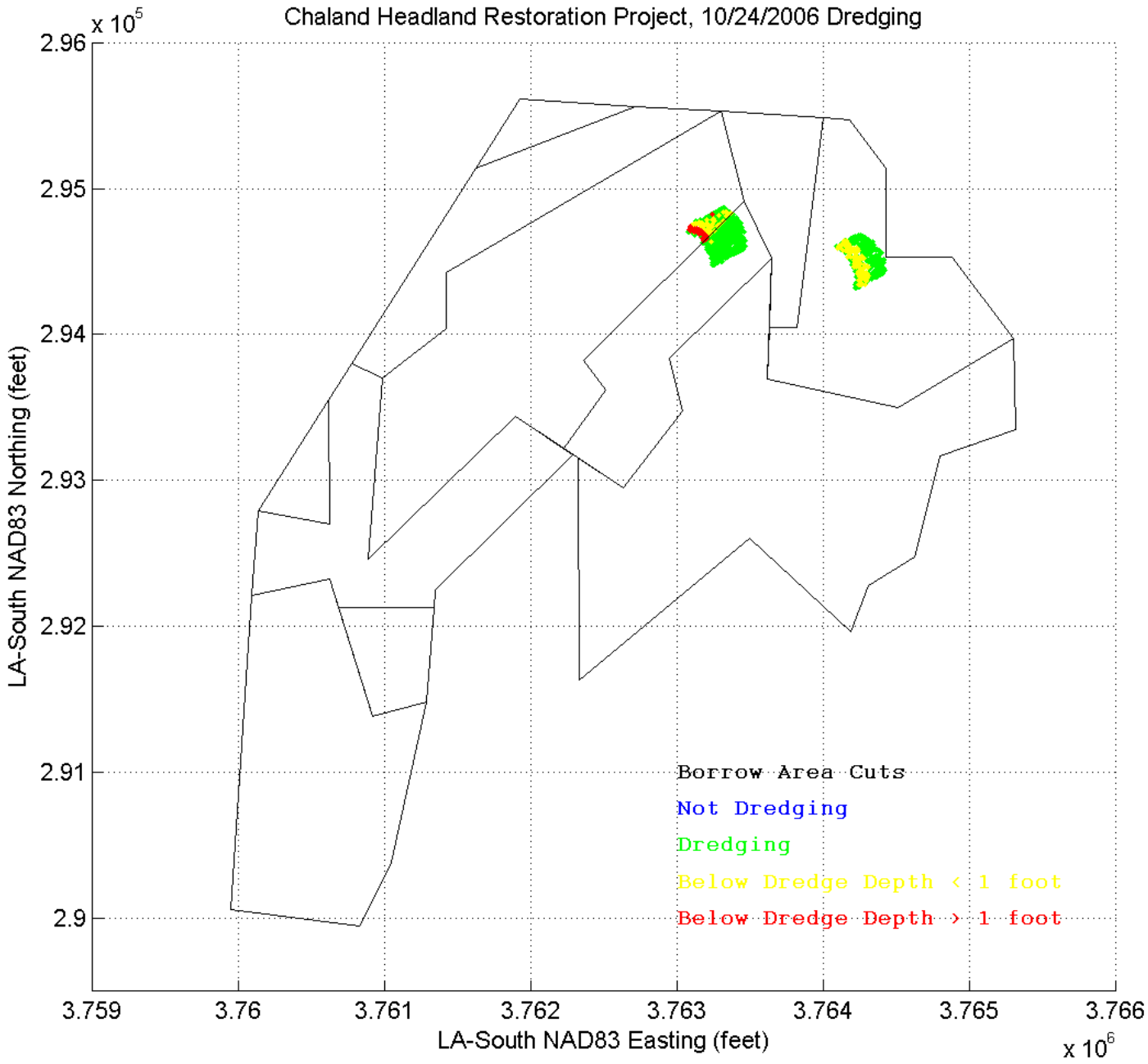
Discharge sample second picture at 11:50 am.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 5

DATE: October 25, 2006 OBSERVATION REPORT NO: 214

Dressing the southern dune near station 97+00.

Surveying profile line at station 91+00 onshore, southern slope.


Chaland Headland Restoration Project, 10/24/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 26, 2006 | OBSERVATION REPORT NO: 215
OBSERVER: Catherine Moran | CONTRACT DAY: 345
ARRIVAL TIME: 10:15 | DEPARTURE TIME: 11:55
15:00 | 15:30

WEATHER CONDITIONS: Overcast (am & pm)
WAVE HEIGHT AND DIRECTION: SSE 2' - 3' (am & pm)
WIND SPEED AND DIRECTION: ESE 10 - 15 mph (am & pm)
TEMPERATURE: 60° - 70° F

CONSTRUCTION ACTIVITY: Beach Preparation; Equipment Maintenance — Observation # 7
NORTH OUTFALL LOCATION: Station 102+00
CENTER OUTFALL LOCATION: Station 107+20
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 108+50
SOUTH CONTAINMENT DIKE LOCATION: Station 104+30
OTHER CONTAINMENT DIKE LOCATION: Station 123+50
BEACH FILL AREA EXTENT LOCATION: Station 124+00
MARSH FILL AREA EXTENT LOCATION: Station 102+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Inconsistencies were found in the DQCR and DDR. — Observation # 10
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — No — Observation # 1
    Type:
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No — Observation # 11

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — Yes — Observation # 4
    Location: CH071, station 108+00 range 1+11 (N 29.30910° W 89.751 33°), 10:55
20. Has a discharge sample been collected? — No — Observation # 5
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — No
    Measurement 1:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 26, 2006 OBSERVATION REPORT NO: 215

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Dune and northern dune slope, station 77+00 to station 96+96	Yes	Observation # 9 Discussion # 3
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The Tom James Dredge went into safe harbor yesterday and continues to remain in safe harbor due to the weather conditions, therefore no dredge operations occurred today.

2. The north pipeline discharge, which is located in the marsh fill area, was located at approximately station 102+00 facing east.

3. There has been no change in the discharge locations or the dikes. The center discharge was located near station 107+20 range 0+76 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 106+00 and station 108+50. The center containment dike between station 101+00 and station 123+50 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately 0 feet to 20 feet south of the southern dune crest between station 99+00 and station 104+30. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation that continues east. The fill extends to approximately station 124+00.

4. Sand sample CH071 was collected at approximately station 108+00 range 1+11 (N 29.30910° W 89.75133°). The Munsell color of the sample was Very Dark Grey 5Y-3/1, with an approximate grain size of 0.1 mm. The sample was approximately 1% shell hash.

5. No discharge sample was collected today because the dredge is in port due to weather so no material was pumped onto the beach.

6. No marsh buggies were observed operating today.

7. There is no night crew since the dredge went into port yesterday before the day shift ended at 5:00 pm. The day shift today was observed grading and dressing the access road and cleaning the equipment during the morning visit. There was no bulldozer activity during the afternoon visit.

8. There has been no more vegetation planting since yesterday and the subcontractor (Erosion Control Services) has not been observed onsite.

DATE: October 26, 2006 OBSERVATION REPORT NO: 215

9. The WMI survey crew was observed surveying the dune along station 89+00. The surveyor was walking the lines using the RTK to collect the data points for the AD survey. The surveyors were following the required maximum of 20 feet between survey data points, as specified in technical provision 35.2.

10. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR), the WMI Daily Dredge Report (DDR) and CPE visual observation. The DQCR and the DDR show the beach pipeline discharge located at station 106+20, where as CPE visual observation has the pipeline discharge location at 107+20 on 10/25. The DQCR has a typo error in item #2 where it states the "drudge depared the job site". The DQCR shows two marsh buggies working on the marsh grade on 10/25, but no marsh buggies worked on 10/25. The DDR has no fill amounts under the "SINCE MIDNIGHT" columns, but the dredge was pumping and discharging beach fill overnight, 10/24 to 10/25. The columns under the "ENGINE ROOM & PUMP INFORMATION" is missing data and there is a have "?" in the missing data spots.

11. On 10/25 the Tom James cutterhead excavated below the permitted cut depth during the beach fill operation with a maximum vertical violation of 4 feet. All of the vertical violations greater than 1 foot occurred at the end of the cutterhead swing or near cut depth boundaries.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that a barge will be coming tomorrow to exchange the D7 #898 that is onsite for two D6's. The barge will also bring fuel to fill up the fuel tanks onsite.

2. Gary Johnson (WMI) asked me to clarify the correct way to calculate the marsh fill volumes. I spoke with Gordon Thomson (CPE) about Gary's request and Gordon informed me that the volumes are calculated using the construction plans for the primary dike and marsh template. Gordon said if Gary wants to clarify Weeks marsh volume calculations he should speak with Jason Manthey (NOAA). I informed Gary to speak with Jason.

3. The WMI survey crew stated that they completed the AD surveys by conducting the surveys in the across the top of the dune and northern dune slope into the marsh fill area from station 77+00 to station 96+96 using the RTK.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 79+00.

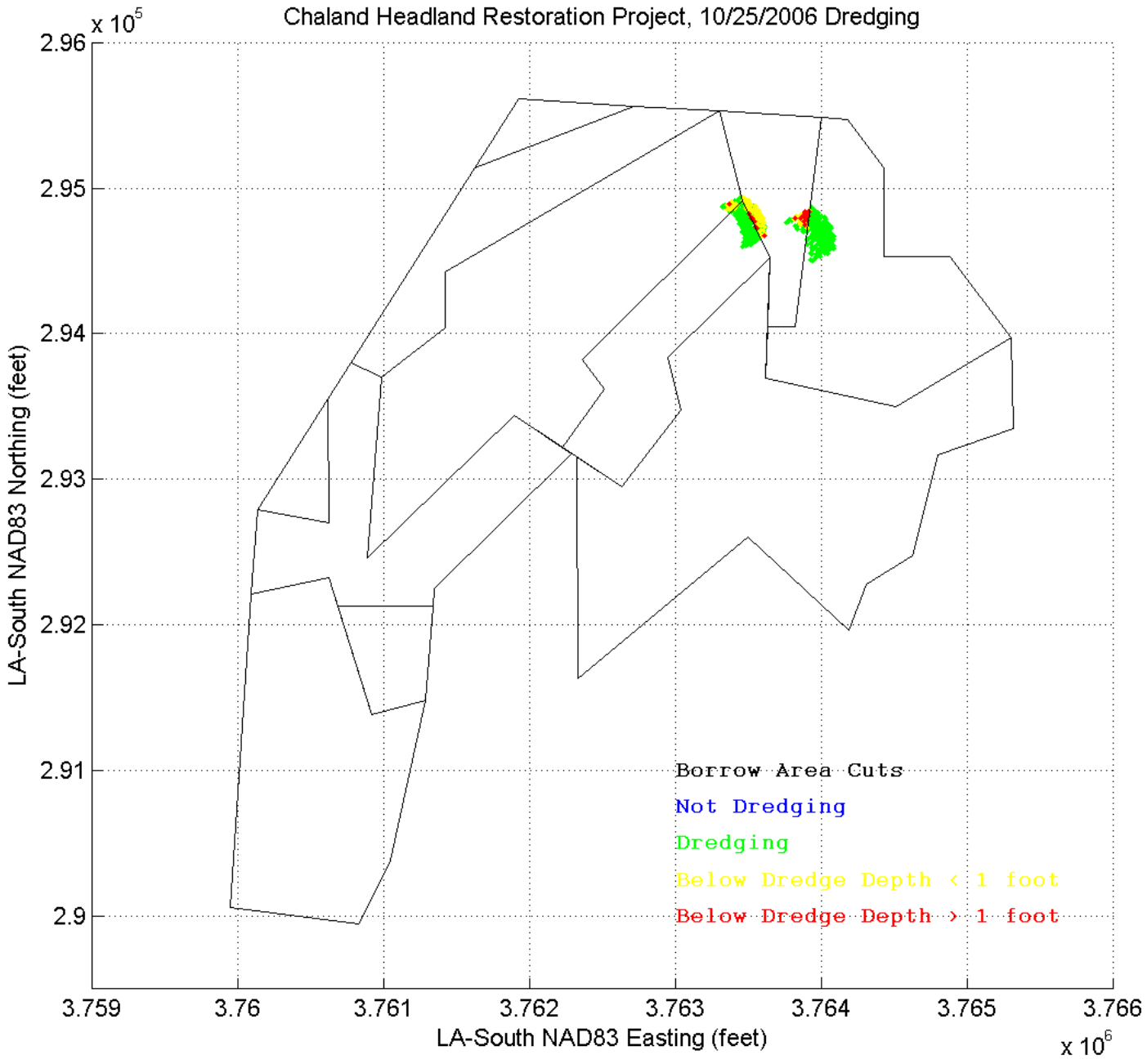
Shore crew working on the maintenance of equipment.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 26, 2006 OBSERVATION REPORT NO: 215

Center pipe located at station 107+20 range 0+76.

Surveyor using RTK along the top of the dune at station 89+00.


Chaland Headland Restoration Project, 10/25/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 27, 2006 | OBSERVATION REPORT NO: 216
OBSERVER: Catherine Moran | CONTRACT DAY: 346
ARRIVAL TIME: 14:45 DEPARTURE TIME: 15:20

WEATHER CONDITIONS:	Rain, overcast	
WAVE HEIGHT AND DIRECTION:	S 2' - 4'	
WIND SPEED AND DIRECTION:	SW 15 - 25 mph	
TEMPERATURE:	60° - 70° F	
CONSTRUCTION ACTIVITY:	Primary Dike Work	Discussion # 1
NORTH OUTFALL LOCATION:	Station 102+00	
CENTER OUTFALL LOCATION:	Station 107+20	
SOUTH OUTFALL LOCATION:	Station 99+70	
NORTH CONTAINMENT DIKE LOCATION:	Station 108+50	
SOUTH CONTAINMENT DIKE LOCATION:	Station 104+30	
OTHER CONTAINMENT DIKE LOCATION:	Station 123+50	
BEACH FILL AREA EXTENT LOCATION:	Station 124+00	
MARSH FILL AREA EXTENT LOCATION:	Station 102+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found between the WMI DQCR and CPE observation.		Observation # 10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	Discussion # 1
	Location: station 74+00		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation # 4

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation # 1
	Type:		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation # 5
	Location:		
20.	Has a discharge sample been collected?	No	Observation # 6
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 27, 2006 OBSERVATION REPORT NO: 216

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	No

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	No
30.	Does any fill appear to be stacking above the fill template?	No

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The Tom James Dredge went into safe harbor Wednesday (10/25) and continues to remain in safe harbor due to the weather conditions, therefore no dredge operations occurred today.

2. The north pipeline discharge, which is located in the marsh fill area, was located at approximately station 102+00 facing east.

3. There has been no change in the discharge locations or the dikes. The center discharge was located near station 107+20 range 0+76 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 106+00 and station 108+50. The center containment dike between station 101+00 and station 123+50 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately 0 feet to 20 feet south of the southern dune crest between station 99+00 and station 104+30. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation that continues east. The fill extends to approximately station 124+00.

4. Leaking of water from the marsh fill, over the primary dike, and into the canal behind was observed at station 74+00. There was a rise in the water elevation in the marsh fill area due to rain that fell today. The water from the marsh fill area was observed flowing over the primary dike located near station 74+00, near the project site landing and access road. This is the primary dike located at the Robinson Canal.

5. A sand sample was not collected today because beach fill was not discharged to the beach yesterday.

6. A discharge sample was not collected today because beach fill was not discharged to the beach.

7. There was no survey crew activity on the beach today.

8. No activities occurred during my observation visit to the beach. There is no night crew since the dredge is in safe harbor.

9. There has been no more vegetation planting since yesterday and the subcontractor (Erosion Control Services) has not been observed onsite.

DATE: October 27, 2006 OBSERVATION REPORT NO: 216

10. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR) and CPE visual observation. The DQCR shows the beach pipeline discharge located at station 106+20, where as CPE visual observation has the pipeline discharge location at 107+20 on 10/26. The DQCR shows two marsh buggies working on the marsh grade and two bulldozers working on the beach fill/grade and pipe relocation on 10/26, but no marsh buggies worked and no bulldozers worked on beach fill/grade or pipe relocation 10/26. The DQCR item # 2 states, "advance on beach is slow due to material not building up." There was no advance on 10/26 because the dredge was not pumping. Under equipment status in the DQCR a marsh buggy is listed as operating, but was not operating on 10/26.

    The following operating equipment inconsistencies were observed in the 10/26 DQCR.
    a. The report shows Marsh Buggy #879 was under repair, but it was operable/idle.
    b. The report shows Marsh Buggy #865 as operating, no marsh buggies operated 10/26, no marsh buggy operators on site.
    c. The report shows 966F Loader #8409 operating, but the loader has not moved in days.

11. The Tom James Dredge was in port in Grand Isle all of 10/26, therefore there is no dredge data to analyze.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I informed Gordon Thomson (CPE), Jason Manthey (NOAA), and Rachel Sweeney (NOAA) of the marsh fill water leaking out of the marsh fill area and into the canal waters to the north of the project site near station 74+00. I mentioned the leak to Gary Johnson (WMI) and mentioned that he informed the group during the bi-weekly meeting on 10/5 that this would not happen. He stated that he had intended to have pipes placed on the primary dike in areas to the west of location of the leak to drain off the rainwater in case the water elevation in the marsh was to rise, but this had not occurred to date. Gary said he plans to speak with Jason or Rachel in the next couple of days about placing pipes on the primary dike to drain the water off the marsh. At this time Gary stated that he will place sand bags at the leak location today to stop the leak till the issue is resolved.

2. Gary Johnson (WMI) stated that the wind direction is supposed to change tonight, so the waves are expected to calm down and the dredge is planning to pull out of harbor tomorrow morning.

3. Scott Mahler (WMI survey crew) stated that he would be sending the initial set of survey data to Fenstemaker today for processing and approval. I asked if I could receive the data as preliminary data, and he stated that he would give me a copy of the data. Scott stated that he expects to have the final data returned to him from Fenstemaker on Monday or Tuesday. He will then submit the data as final pay survey data, for station 77+00 to station 96+96, to CPE.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 80+50.

Center pipeline located at station 107+20 range 0+76. No activity occurring in the discharge area.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 27, 2006 OBSERVATION REPORT NO: 216

Looking west at leak located near station 74+00 on the primary dike.

Looking south at leak along primary dike near station 74+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 28, 2006 | OBSERVATION REPORT NO: 217
OBSERVER: Catherine Moran | CONTRACT DAY: 347
ARRIVAL TIME: 11:30 | DEPARTURE TIME: 13:30

WEATHER CONDITIONS:	Clear	
WAVE HEIGHT AND DIRECTION:	SSW 1' - 3'	
WIND SPEED AND DIRECTION:	NW 15 - 20 mph	
TEMPERATURE:	55° - 70° F	
CONSTRUCTION ACTIVITY:	Marsh Fill and Beach Fill	Discussion # 2
NORTH OUTFALL LOCATION:	Station 102+00	
CENTER OUTFALL LOCATION:	Station 107+20	
SOUTH OUTFALL LOCATION:	Station 99+70	
NORTH CONTAINMENT DIKE LOCATION:	Station 108+50	
SOUTH CONTAINMENT DIKE LOCATION:	Station 104+30	
OTHER CONTAINMENT DIKE LOCATION:	Station 123+50	
BEACH FILL AREA EXTENT LOCATION:	Station 124+00	
MARSH FILL AREA EXTENT LOCATION:	Station 106+00	

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies were found between the WMI DQCR and CPE observation.		Observation # 12
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Discussion # 6
	Location: station 116+00 to station 126+00		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	Observation # 4

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1
	Type: Marsh Fill and Beach Fill		Discussion # 2
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 13

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Discussion # 2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation # 5
	Location:		
20.	Has a discharge sample been collected?	No	Observation # 6
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 28, 2006 OBSERVATION REPORT NO: 217

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location: station 101+00 to station 107+00, northern top of dune	Yes	Observation # 8
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation # 1-2
29.	Is the discharge pipe being moved?	No	Discussion # 2
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The Tom James Dredge went into safe harbor Wednesday (10/25) and returned to the borrow area this morning (10/27). The dredge was pumping marsh fill during the observation visit.

2. The north pipeline discharge, which is located in the marsh fill area, was located at approximately station 102+00 facing east. The marsh fill extends to approximately station 106+00.

3. There has been no change in the beach discharge locations or the dikes. The center discharge was located near station 107+20 range 0+76 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 106+00 and station 108+50. The center containment dike between station 101+00 and station 123+50 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately0 feet to 20 feet south of the southern dune crest between station 99+00 and station 104+30. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation that continues east. The fill extends to approximately station 124+00.

4. Sand bags were observed on the primary dike near station 74+00 where the leaking was observed yesterday. There was a pipe placed within the access road, so it does not obstruct the roadway, but allows water to flow from the marsh area west of the road to the marsh area east of the road. There is no more water leaking from the marsh to the canal north of the primary dike near station 74+00.

5. A sand sample was not collected today because beach fill was not discharged to the beach yesterday.

6. A discharge sample was not collected today because beach fill was not discharged to the beach during the time of my observation.

7. There were leaks along the single pipeline near station 66+60, station 59+00, station 55+00, station 46+00, station 44+00, station 43+00, and station 32+70. A bulldozer operator and shoreman were observed fixing leaks along the pipeline near station 32+70 and station 43+00.

8. The top of dune has been graded between station 101+00 and station 107+00, north of the center pipeline.

9. The hill of native material that was previously located between station 106+00 and station 106+64 approximately range 0+45 has been leveled. It appears that the material has been bulldozed to the east and west of the location.

DATE: October 28, 2006 OBSERVATION REPORT NO: 217

10. There has been no more vegetation planting since yesterday. The subcontractor (Erosion Control Services) was observed at his accommodations near the project site today.

11. The assistant engineer returned a repaired skiff to the project site in the afternoon. There are now two skiffs for transportation to the island landing from the quarters barge for the shore crew and other personnel and the survey crew has one skiff.

12. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR) and CPE visual observation. The DQCR shows the WMI survey crew picking up a repaired skiff and bringing it back to the project site, but this did not occur due to the rough weather. The DQCR shows two marsh buggies working on the marsh grade and two bulldozers working on the beach fill/grade and pipe relocation on 10/27, but no marsh buggies worked and no bulldozers worked on beach fill/grade or pipe relocation on 10/27. The DQCR item # 2 shows that the shore crew is dressing and moving pipe, but no bulldozers worked on dressing or moving pipe on 10/27.

    The following operating equipment inconsistencies were observed in the 10/27 DQCR.
    a. The report shows Marsh Buggy #865 as operating, no marsh buggies operated 10/27.
    b. The report shows 966F Loader #8409 operating, but the loader has not moved in days.

13. The Tom James Dredge was in port in Grand Isle all of 10/27, therefore there is no dredge data to analyze.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the dredge was towed out to the borrow area this morning and began pumping marsh fill around 11:15 am.

2. Gary Johnson (WMI) stated that the dredge would be pumping marsh during the day and switch over to beach fill around 5 pm. Gary stated that the marsh fill would be pumped east from where the pipeline is located at this time, then when they are not pumping marsh he would have the marsh buggy operator move the pipe back to the west and turn it to face west and fill in west of where the pipeline discharge is located now.

3. Gary Johnson (WMI) stated that the assistant engineer had to go tow the Erosion Control Services (ECS) boat to their project site accommodations around 9:30 am to 11:00 am this morning because the ECS boat broke down on the way back to the site.

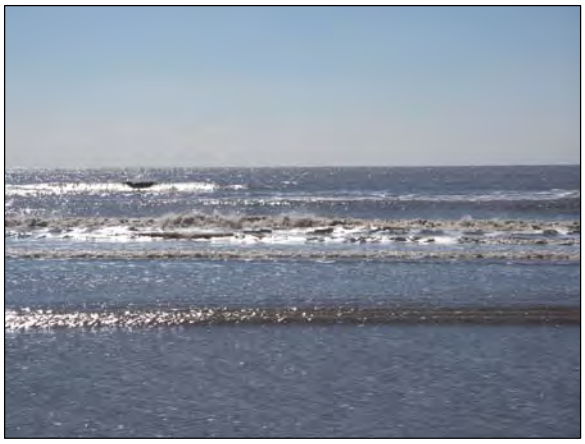
4. Scott Mahler (WMI survey crew) submitted preliminary dune fill survey data for station 69+00 to station 96+96 to CPE today.

5. The WMI survey crew stated that they removed stakes from the beach that had previously been removed from the fill west of station 77+60, and brought the removed stakes to the WMI water barge to dispose of in the dumpster.

6. The WMI survey crew stated that they placed stakes for the beach fill from station 116+00 to station 126+00 today.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

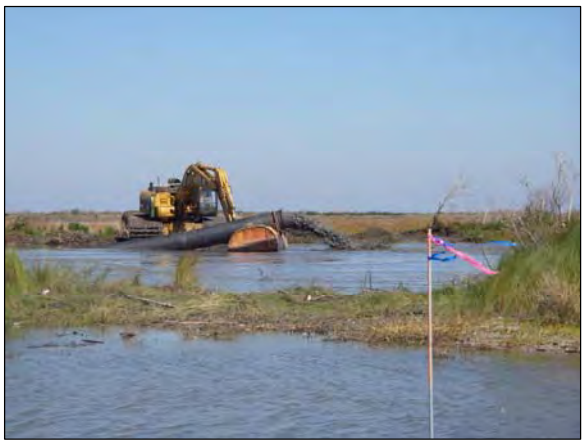


Wave condition at station 79+00.

Bulldozer operator and shoreman fixing a leak near statior 43+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 28, 2006 OBSERVATION REPORT NO: 217



North pipeline discharge at approximately station 102+00.

Looking south between station 106+00 and station 106+64, where hill of native material was knocked down.

Used grade stakes ready for disposal.

Sand bags on primary dike near station 74+00.

West side of pipe across the access road draining marsh water to the east.

East side of drainage pipe across the access road

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 29, 2006 | OBSERVATION REPORT NO: 218
OBSERVER: Catherine Moran | CONTRACT DAY: 348
ARRIVAL TIME: 9:30 DEPARTURE TIME: 11:30

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SE <1'
WIND SPEED AND DIRECTION: N 0 - 5 mph
TEMPERATURE: 55° - 75° F

CONSTRUCTION ACTIVITY: Marsh Fill and Beach Fill
NORTH OUTFALL LOCATION: Station 99+50
CENTER OUTFALL LOCATION: Station 108+20
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 110+10
SOUTH CONTAINMENT DIKE LOCATION: Station 104+20
OTHER CONTAINMENT DIKE LOCATION: Station 125+00
BEACH FILL AREA EXTENT LOCATION: Station 125+50
MARSH FILL AREA EXTENT LOCATION: Station 106+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies found between WMI DQCR, DDR, and CPE observation.		Observation # 10
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1-2
	Type: Marsh Fill and Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 11

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 3
	Location: CH072, station 108+10 range 1+01 (N 29.30914° W 89.75129°), 10:40		
20.	Has a discharge sample been collected?	No	Observation # 4
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 29, 2006 OBSERVATION REPORT NO: 218

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location: station 107+00 to station 108+00, northern top of dune	Yes	Observation # 8
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	Yes	Observation #1
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The north pipeline discharge was discharging marsh fill at the time of my visit. The north pipeline discharge was located at approximately station 99+50 facing west. The marsh fill extends to approximately station 106+00. A marsh buggy was moving the pipe west less than 10 feet during my visit.

2. Sand was discharged to the beach overnight through the center pipeline. The center discharge was located near station 108+20 range 0+71 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 106+00 and station 110+10. The center containment dike between station 101+00 and station 125+00 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately0 feet to 20 feet south of the southern dune crest between station 99+00 and station 104+20. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation that continues east. The fill extends to approximately station 125+50.

3. Sand sample CH072 was collected at approximately station 108+10 range 1+01 (N 29.30914° W 89.75129°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm. The sample is approximately 1% shell hash.

4. A discharge sample was not collected today because beach fill was not discharged to the beach during the time of my observation.

5. The 966F Loader was used to load scrap pipe and parts onto a sled attached to the back of a bulldozer to bring to the landing to be loaded onto the barge.

6. During the morning visit a Weeks Marine barge dropped off 2 D6 bulldozers and took the D7 #898 offsite for repair. The mule ATV was placed on the barge to go in for repairs, and a different ATV was dropped off. Scrap pipe and old parts were placed on the barge to be removed from the project site.

7. There were no leaks observed along the pipeline. The leaks observed yesterday have been fixed.

8. The top of dune has been graded between station 107+00 and station 108+00, north of the center pipeline.

9. Erosion Control Services was observed laying out the plants between Sta 45+00 and Sta 67+00 along the northern and southern sand fences.

DATE: October 29, 2006 OBSERVATION REPORT NO: 218

10. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR), the WMI Daily Dredge Report (DDR) and CPE visual observation.
    a. In the DDR under the Leverman's log at 10:30 - 11:15 it shows "Cut24Mud SS 20+90 (pump on beach)," where it should say (pump on marsh).
    b. The DDR marsh "start" and "end" station are inconsistent with the CPE visual observation of the marsh pipeline discharge at station 102+00 on 10/28.
    c. The DQCR has two marsh buggies working on the marsh on 10/28, but CPE visual observation shows only 1 marsh buggy working and only one marsh buggy operator was observed onsite on 10/28.
    d. The DQCR shows 2 marsh buggies as operating under item # 1, but under equipment only one is listed as "operating".
    e. The DQCR lists the 966F loader as operating, but the loader has not moved in over a week until today 10/29.

11. On 10/28 the Tom James cutterhead excavated below the required overburden removal depth during stripping operation, but above the permitted cut depth. The maximum vertical violation during overburden removal was approximately 3 feet. All of the vertical violations greater than 1 foot occurred at the end of the cutterhead swing and at cut depth boundaries.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the dredge will pump marsh during the day tomorrow and beach at night. Gary said marsh will be continued to pump during the day and beach at night till enough marsh overburden material has been removed to pump beach all day.

2. Stanley Boredlon (ECS) stated that he planned to continue planting vegetation between the northern and southern sand fences today and talk with Gary about planting two rows of vegetation north of the northern fence starting tomorrow.

3. The WMI survey crew stated that they conducted check surveys from station 108+00 to station 129+00 today.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 79+00.

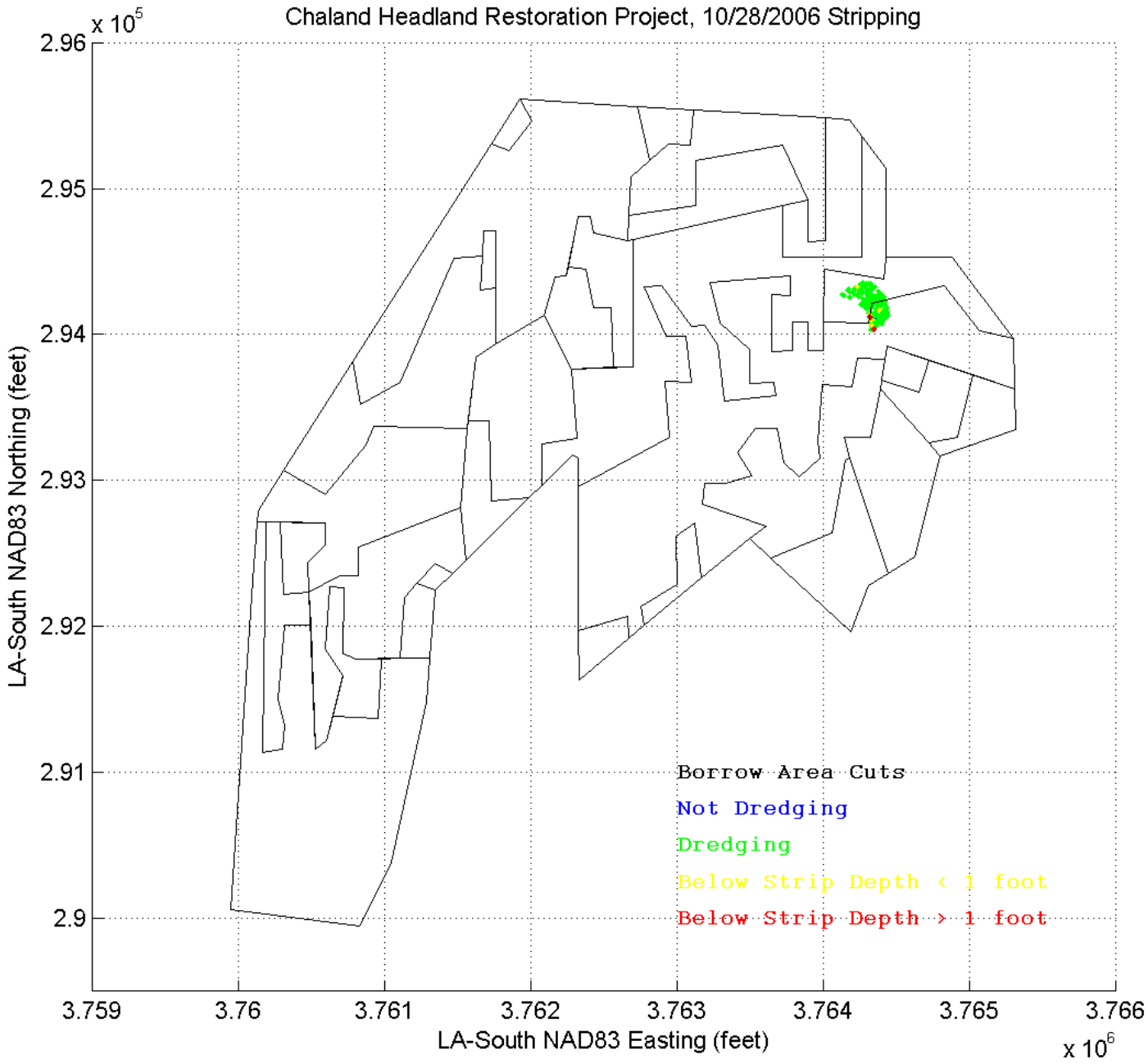
Taking check survey along station 111+48.

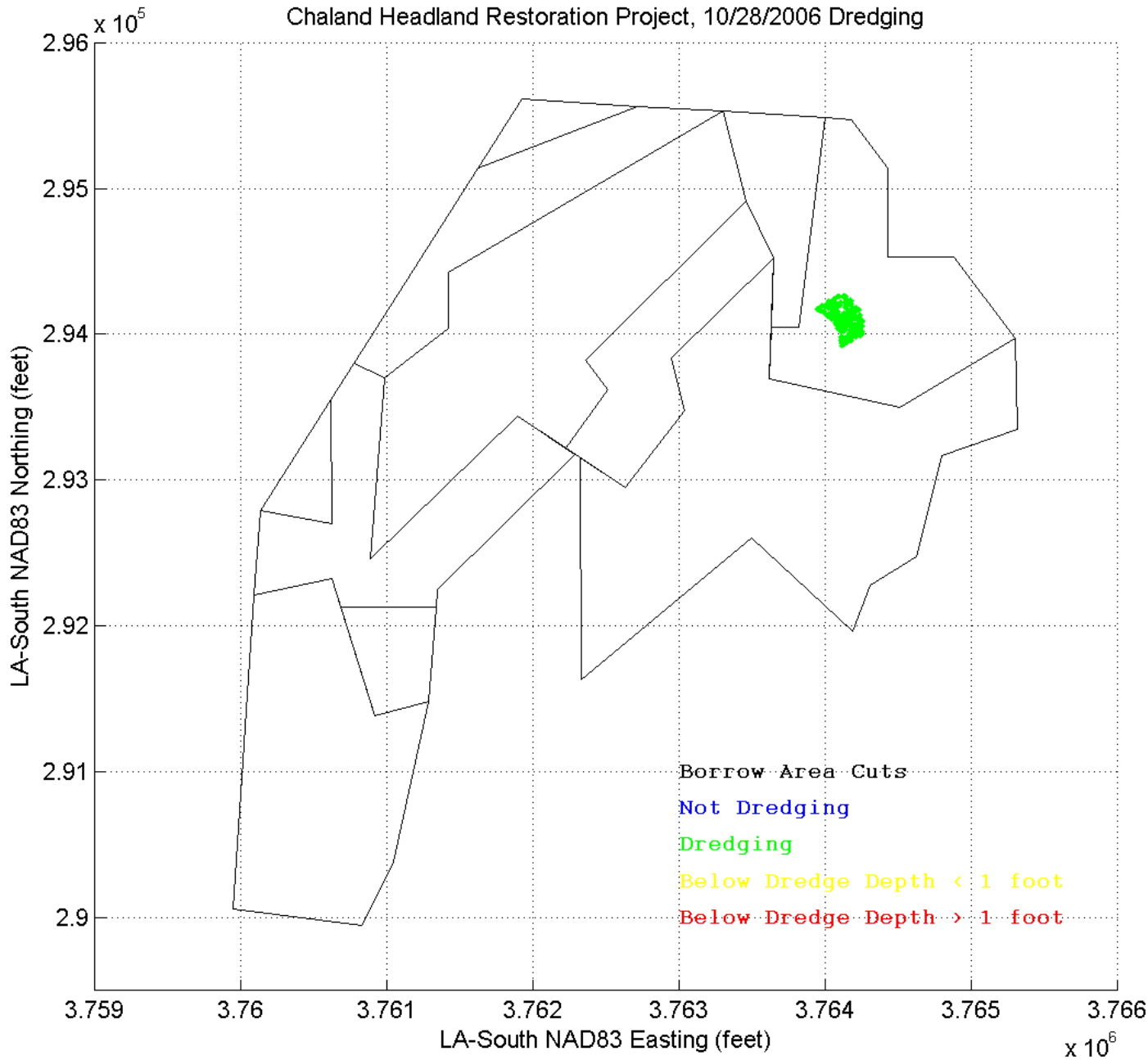
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 29, 2006 OBSERVATION REPORT NO: 218

North pipeline discharge west into marsh at station 99+50.

Loading scrap pipe and parts onto barge at project site landing.


Chaland Headland Restoration Project, 10/28/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot


Chaland Headland Restoration Project, 10/28/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 30, 2006 | OBSERVATION REPORT NO: 219
OBSERVER: Catherine Moran | CONTRACT DAY: 349
ARRIVAL TIME: 9:35 DEPARTURE TIME: 12:10
14:45 15:50

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: SSE 1' - 2' (am & pm)
WIND SPEED AND DIRECTION: ESE 10 - 15 mph (am); SE 10 - 15 mph (pm)
TEMPERATURE: 60° - 75° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 100+00
CENTER OUTFALL LOCATION: Station 109+90
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 116+00
SOUTH CONTAINMENT DIKE LOCATION: Station 107+00
OTHER CONTAINMENT DIKE LOCATION: Station 128+00; Station 116+90 — Observation # 2
BEACH FILL AREA EXTENT LOCATION: Station 129+00
MARSH FILL AREA EXTENT LOCATION: Station 107+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Inconsistencies found between WMI DQCR, DDR, and CPE observation. — Observation # 7
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — No
   Location:

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No — Discussion # 3 - 4
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes — Observation # 2
    Type: Beach Fill
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No — Observation # 8

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — Yes — Observation #2
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — Yes — Observation # 3
    Location: CH073, station 109+06 range 0+65 (N 29.30920° W 89.75095°), 11:25
20. Has a discharge sample been collected? — Yes — Observation # 4
21. Does the material appear to meet technical requirements? — Yes
22. Were the constructed berms measured? — No
    Measurement 1:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 30, 2006 OBSERVATION REPORT NO: 219

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	Observation #1
29.	Is the discharge pipe being moved?	NA	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The north pipeline discharge was not discharging marsh fill today. The north pipeline discharge was located at approximately station 100+00 facing northwest. The marsh fill extends to approximately station 107+00.

2. Sand was discharged to the beach overnight and into the day, through the center pipeline. The center discharge was located near station 109+90 range 0+64 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 109+80 and station 116+00. The center containment dike between station 101+00 and station 128+80 between the center pipeline and the south pipeline. And additional dike has been constructed off of the center dike and extends from approximately station 116+00 northeast to the native beach at approximately station 116+90, but is not solid to allow for discharge to flow to the Gulf of Mexico. The south containment dike runs west to east approximately 0 feet to 20 feet south of the southern dune crest between station 99+00 and station 107+00. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation to the east. The fill extends to approximately station 129+00.

3. Sand sample CH073 was collected at approximately station 109+06 range 0+65 (N 29.30920° W 89.75095°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm. The sample contains approximately 1% shell hash.

4. A discharge sample was collected during the morning visit, but was collected approximately 20 minutes prior to the dredge pullir up and pumping water through the line. The material in the discharge sample was during the time the dredge was pulling up the cutterhead and was mostly water. The first picture was taken at 10:55 am and the water line and water/silt line were the same at approximately 1010ml, and the silt/sand line was at approximately 90ml. At the time of the second picture, 11:55 am, the water line was still at 1010 ml and there was no silt/water line, and the silt/sand line was still at 90 ml.

5. During the morning visit a marsh buggy was observed moving a pipe to the primary dike near station 58+23. The pipe is to going to be used to drain the water off the marsh in the vicinity of the pipe.

6. Erosion Control Services (ECS) was observed laying out the plants and planting plants south of the southern dune sand fence between approximately station 50+00 and station 66+00.

DATE: October 30, 2006 OBSERVATION REPORT NO: 219

7. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR), the WMI Daily Dredge Report (DDR) and CPE visual observation.
   a. The DQCR still has the D7 listed as operable/idle, but the D7 was placed on the barge and removed from the project site.
   b. The DQCR does not mention that a barge came to drop off two D6's new to the project site and removed the D7.
   c. The DQCR has two marsh buggies working on the marsh on 10/28, and under equipment one marsh muggy as "operating" and one marsh buggy as "operable".

8. On 10/29 the Tom James cutterhead excavated below the required overburden removal depth during stripping operation, but above the permitted cut depth. The maximum vertical violation during overburden removal was approximately 4 feet. During the beach fill operation the dredge cut below the permitted cut depth by approximately 1 foot or less. All of the vertical violations greater than 1 foot occurred at the end of the cutterhead swing or at cut depth boundaries.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the dredge was planning to pump beach fill till the end of the current cut they were working on overnight, then switch to marsh fill for the majority of the day. Gary said that there was an electrical problem on the dredge while the beach fill was being pumped. The dredge had to shut down and have an electrician come and do repairs before restarting to finish the sand cut. Gary said that Captain Frank (Tom James Captain) decided to continue with beach fill for the duration of the day, instead of switching to marsh fill for only a few hours before returning to beach fill for the night.

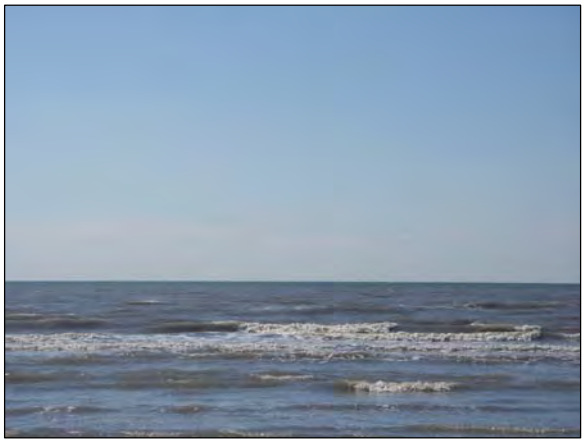
2. Gerard Legendre (DNR inspection subcontractor) stated that they plan to have 6 rows of plants south of the southern sand fence, 7 rows of plants between the northern and southern sand fences, and 8 rows of plants north of the northern sand fence. Gerard stated that ECS has already planted the entire primary dike with one row to the outside and two rows to the inside of the dike. Gerard stated that the primary dike where the project site landing is located has not been planted and may be planted once the project construction is complete.

3. Gary Johnson (WMI) stated that he spoke with Rachel Sweeney about placing a drainage pipe across the primary dike to the west of the landing area. Gary stated that Rachel approved placing a pipe across the primary dike near station 43+72 for water drainage off the marsh.

4. Rachel Sweeney (NOAA) sent the answer to RFI # 12 to WMI today. The answer to RFI # 12 states that the government approves the placing of pipes for dewatering the marsh area that WMI suggested. The answer states that the pipes can only be placed after the fill in the marsh area has been placed and no more fill is to be pumped in the section.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.



Wave condition at station 79+00.

Preparing to plant and planting vegetation south of the southerr sand fence near station 50+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: October 30, 2006 OBSERVATION REPORT NO: 219

Marsh buggy moving a pipe around in the marsh area near station 58+23.

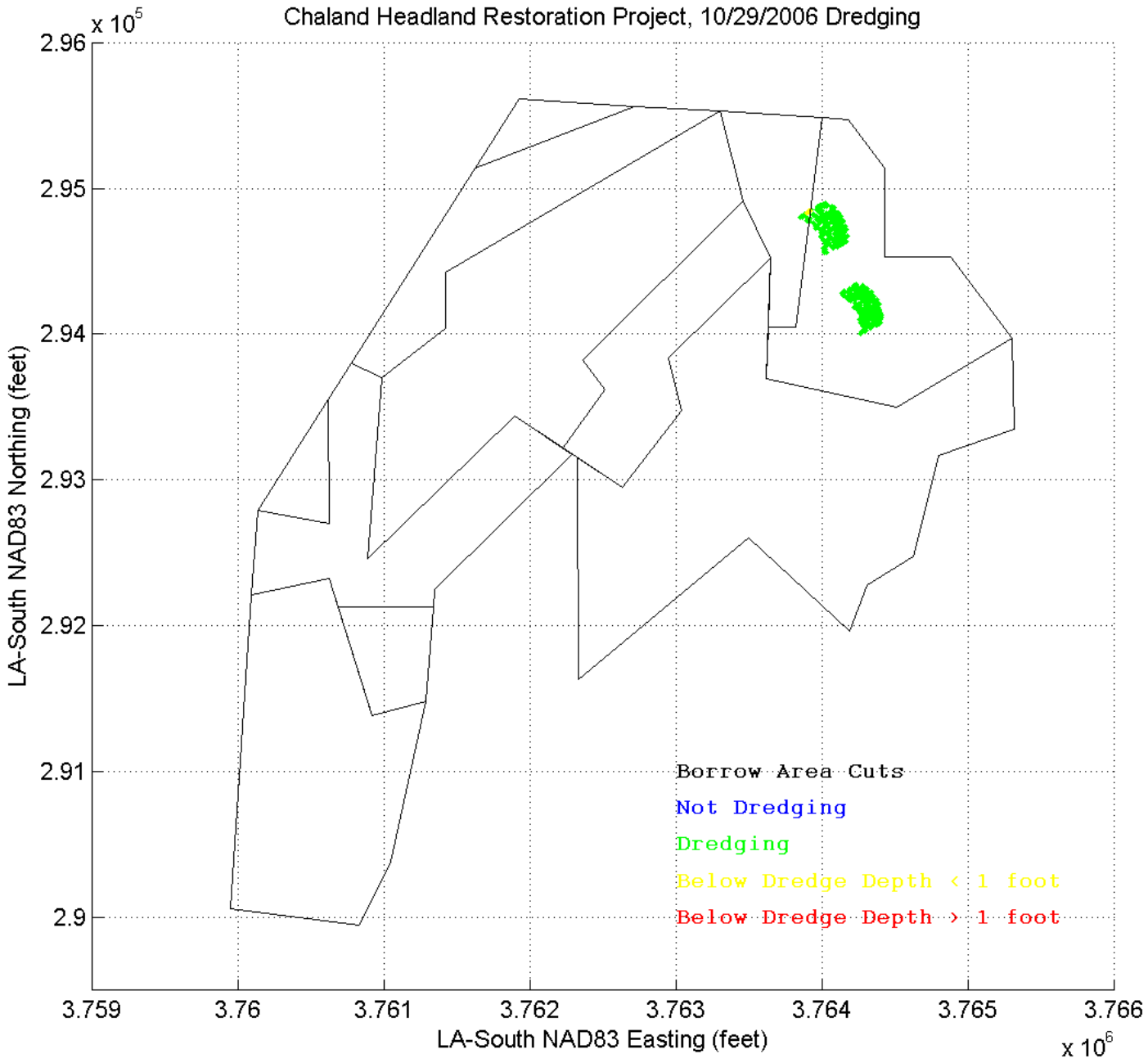
North pipeline discharge facing northwest in marsh area near station 100+00.

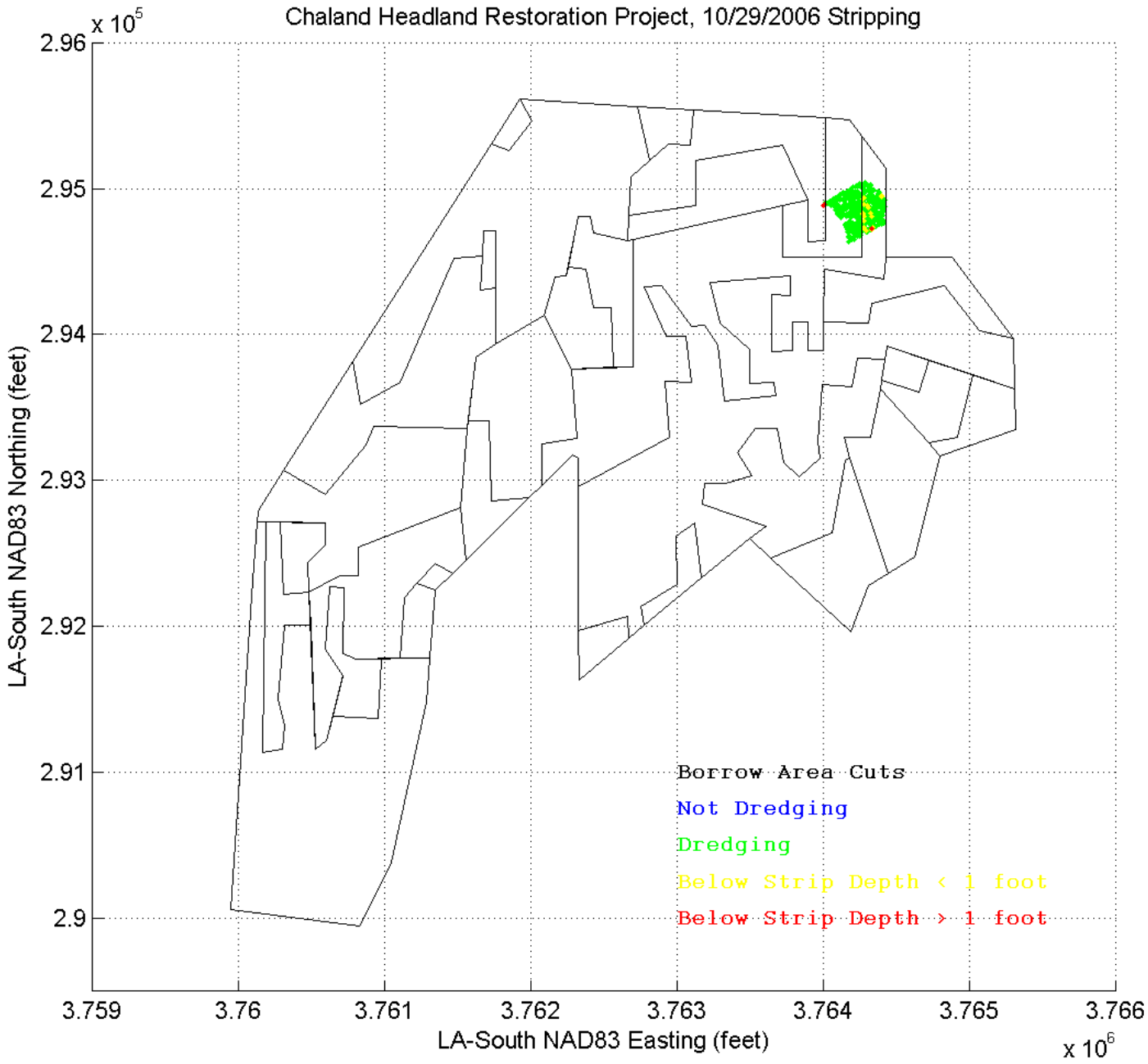
Center pipeline discharge at station 109+90 range 0+64.

Looking west from station 117+10 range 0+80.

First picture of discharge sample taken at 10:55 am.

Second picture of discharge sample taken at 11:55 am.


Chaland Headland Restoration Project, 10/29/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/29/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: October 31, 2006 | OBSERVATION REPORT NO: 220
OBSERVER: Catherine Moran | CONTRACT DAY: 350
ARRIVAL TIME: 9:20 | DEPARTURE TIME: 11:30
14:40 | 15:30

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S 1' - 2' (am & pm)
WIND SPEED AND DIRECTION: ESE 0 - 5 mph (am); SE 0 - 5 mph (pm)
TEMPERATURE: 60° - 80° F

CONSTRUCTION ACTIVITY: Beach Fill & Marsh Fill
NORTH OUTFALL LOCATION: Station 100+50
CENTER OUTFALL LOCATION: Station 112+78
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 120+00
SOUTH CONTAINMENT DIKE LOCATION: Station 107+00
OTHER CONTAINMENT DIKE LOCATION: Station 129+00
BEACH FILL AREA EXTENT LOCATION: Station 132+00
MARSH FILL AREA EXTENT LOCATION: Station 107+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies found between WMI DQCR and CPE observation.		Observation # 9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	Observation # 6
9.	Was any staking and layout performed today?	No	
	Location: station 126+00 to station 134+00		Discussion # 4

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	Observation # 5
	Location:		Discussion # 1
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation # 1 - 2
	Type: Beach Fill & Marsh Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 10

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	Discussion # 3
19.	Has a representative sand sample been collected?	Yes	Observation # 3
	Location: CH074, station 112+00 range 0+76 (N 29.30905° W 89.75007°), 11:00		
20.	Has a discharge sample been collected?	No	Observation # 4
21.	Does the material appear to meet technical requirements?	NA	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: October 31, 2006 OBSERVATION REPORT NO: 220

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	NA	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation # 1
29.	Is the discharge pipe being moved?	Yes	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	NA	Observation # 2

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The north pipeline discharge was discharging marsh fill today. The north pipeline discharge was located at approximately station 100+50 facing east. The marsh fill extends to approximately station 107+00.

2. Sand was discharged to the beach overnight through the center pipeline. The center discharge was located near station 112+78 range 0+79 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 112+60 and station 120+00, where it meets with the native beach. The center containment dike between station 101+00 and station 129+00 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately 0 feet to 20 feet south of the southern dune crest between station 99+00 and station 107+00. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation to the east. The fill extends to approximately station 132+00.

3. Sand sample CH074 was collected at approximately station 112+00 range 0+76 (N 29.30905° W 89.75007°). The Munsell color of the sample was Dark Grey 2.5Y-4/1, with an approximate grain size of 0.1 mm.

4. A discharge sample was not collected today because beach fill was not discharged to the beach during the day.

5. Water was observed flowing from the marsh into the back canal through a discharge pipe placed in the primary dike at station 89+00. RFI #12 allowed WMI to place a discharge pipe at this location.

6. The shore crew was observed picking up debris east of the fill placement.

7. The CAT mechanic was onsite today working on maintenance for the machines at the project site.

8. Erosion Control Services (ECS) have planted 2 rows of vegetation north of the northern sand fence between station 67+32 and station 50+22. The rows are offset 10 feet north and 20 feet north of the sand fence. There are 6 rows of vegetation planted south of the southern sand fence between station 32+56 and approximately station 47+00, and 5 rows planted south of the southern sand fence between approximately station 47+00 and station 66+00.

DATE: October 31, 2006 OBSERVATION REPORT NO: 220

9. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR) and CPE visual observation.
   a. The DQCR still has the 966F loader as operating on 10/30, but the loader was not operating on 10/30.
   b. The DQCR has two marsh buggies working on marsh fill/grade, but only one marsh buggy was operating on 10/30.
   c. The DQCR has the subcontractor equipment as idle, but the subcontractor was using their equipment during vegetation planting on 10/30.
   d. The DQCR shows the dredge working on marsh fill for 10.0 hours on 10/30, but no marsh fill was pumped on 10/30.

10. On 10/30 the Tom James cutterhead excavated below the permitted depth during beach fill operation. The maximum vertical violation during beach fill was approximately 5 feet, with an average vertical violation of approximately 1.5 feet. During the beach fill the violations greater than 1 foot occurred where a different cut depth was in the middle of the cutterhead swing.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that a pipe had previously been placed in the primary dike to remove rainwater from the marsh fill near the canal closure near station 90+42.

2. WMI survey crew submitted the approved beach fill data to CPE today for station 69+00 to station 96+96.

3. The WMI shore crew stated that they cleaned the debris east of the fill placement to the east end of the project location.

4. The WMI survey crew stated that they have placed grade stakes to station 134+00. They stated that they placed stakes at the dune centerline, north dune crest, and two additional grade stakes for points along the northern dune slope.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 79+00.

Looking north to marsh from approximately station 114+00 range 0+64.

Shore man cleaning debris east of fill placement.

Bulldozer working on maintaining the center containment dike near station 120+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

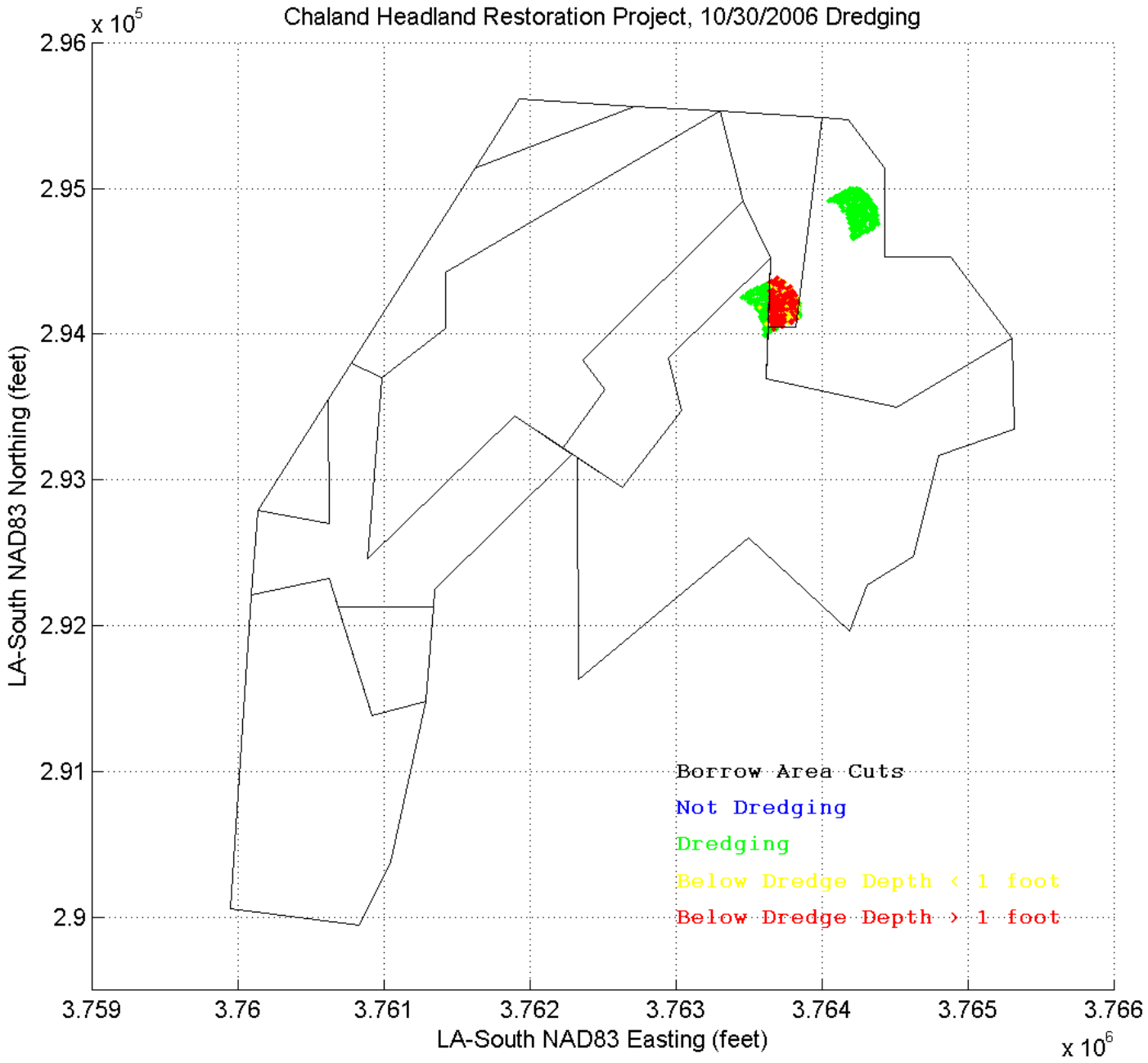
DATE: October 31, 2006 OBSERVATION REPORT NO: 220

Center pipeline discharge at station 112+78 range 0+79.

North pipeline discharge east into marsh fill near station 100+50.

Pipe located across primary dike near station 89+00.

Bulldozer moving pipe to the east, near station 112+00.


Chaland Headland Restoration Project, 10/30/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 1, 2006 | OBSERVATION REPORT NO: 221
OBSERVER: Catherine Moran | CONTRACT DAY: 351
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:45
14:50 | 15:40

WEATHER CONDITIONS:	Clear	
WAVE HEIGHT AND DIRECTION:	S 1' - 3' (am & pm)	
WIND SPEED AND DIRECTION:	ENE 0 - 5 mph (am); E 0 - 5 mph (pm)	
TEMPERATURE:	70° - 80° F	
CONSTRUCTION ACTIVITY:	Beach Fill & Overburden Removal	Discussion # 2
NORTH OUTFALL LOCATION:	Station 100+50	
CENTER OUTFALL LOCATION:	Station 118+84	
SOUTH OUTFALL LOCATION:	Station 99+70	
NORTH CONTAINMENT DIKE LOCATION:	Station 120+30	
SOUTH CONTAINMENT DIKE LOCATION:	Station 108+25	
OTHER CONTAINMENT DIKE LOCATION:	Station 129+00	
BEACH FILL AREA EXTENT LOCATION:	Station 132+00	
MARSH FILL AREA EXTENT LOCATION:	Station 124+40	Discussion # 1

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Inconsistencies found between WMI DQCR and CPE observation.		Observation # 11
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: station 134+00 to station 140+00		Discussion # 4

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Discussion # 2
	Type: Beach Fill & Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation # 12

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Discussion #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation # 4
	Location: CH075, station 114+10 range 1+18 (N 29.30887° W 89.74947°), 11:25 CH076, station 117+00 range 1+00 (N 29.30880° W 89.74853°), 11:40		
20.	Has a discharge sample been collected?	No	Observation # 5
21.	Does the material appear to meet technical requirements?	NA	
22.	Were the constructed berms measured?	No	
	Measurement 1:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 1, 2006 OBSERVATION REPORT NO: 221

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted? Location: station 112+00 to station 118+00	Yes	Observation # 6
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	NA	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	Discussion # 1
29.	Is the discharge pipe being moved?	NA	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	NA	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The north pipeline discharge extends into the marsh fill. There was no marsh fill placed today. The north pipeline discharge was located at approximately station 100+50 facing east. The marsh fill extends to approximately station 124+40.

2. Sand was discharged to the beach overnight and into the day through the center pipeline. The center discharge was located near station 118+84 range 1+09 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The south discharge was located near station 99+70 range 1+50 and pointed east with a 90° dredge pipe elbow at the end of the pipeline. The north containment dike extends along the northern extent of the dune crest between station 118+00 and station 120+30, where it meets with the native beach. The center containment dike between station 101+00 and station 129+00 between the center pipeline and the south pipeline. The south containment dike runs west to east approximately 0 feet to 20 feet south of the southern dune crest between station 99+00 and station 108+25. A fourth containment dike extends from approximately station 104+22, northeast to approximately station 106+00, where it meets with the native beach and vegetation to the east. The fill extends to approximately station 132+00.

3. There was a large advance overnight, approximately 606 feet because the fill area is now located where the native beach elevation was higher than the previous fill location. The large advance is also due to the fact that only the northern portion of the dune template is being filled, and the template is only being filled to approximately +4 feet NAVD.

4. Two sand samples were collected today because of the large advance made overnight. Sand sample CH075 was collected at approximately station 114+10 range 1+18 (N 29.30887° W 89.74947°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm. Sand sample CH076 was collected at approximately station 117+00 range 1+00 (N 29.30880° W 89.74853°). The Munsell color of the sample was Dark Grey 5Y-4/1, with an approximate grain size of 0.1 mm.

5. A discharge sample was not collected today because beach fill was not discharged to the beach during the time of my observation.

6. A bulldozer was grading the dune 25 feet to 50 feet on the south side of the center pipeline between station 116+00 and station 118+00. The dune template that has been filled has been graded to station 118+00.

7. One marsh buggy was working in the marsh fill near station 116+00 near the northern toe of dune fill.

DATE: November 1, 2006 OBSERVATION REPORT NO: 221

8. I used the GPS unit to get coordinates for the ends of the sand fences that have been constructed east of the shore pipeline landing and the sand fence western extension. The total length of the western extension of the northern sand fence is approximately 917 feet. The total length of the northern sand fences east of the shore pipeline is approximately 3,562 feet. The total length of the southern sand fences east of the shore pipeline is approximately 3,627 feet. The total sand fence constructed as of 11/1 is 10,703 feet.

9. The WMI survey crew was observed placing stakes for the northern sand fence near station 75+00 and station 77+60.

10. Erosion Control Services (ECS) have planted 1 row of vegetation south of the northern sand fence western extension between approximately station 16+00 and station 8+00. The rows are offset 10 feet south of the sand fence. On the north side of that fence, 3 rows of vegetation have been planted between approximately station 8+00 and station 16+00. ECS was in the process of planting one row of vegetation along the marsh/dune interface between station 5+00 (primary dike) and approximately station 60+00.

11. There were inconsistencies found between the WMI Daily Quality Control Report (DQCR) and CPE visual observation.
    a. The DQCR still has the 966F loader as operating on 10/30, but the loader was not operating on 10/31.
    b. The DQCR has two marsh buggies working on marsh fill/grade, but only one marsh buggy was working on the marsh fill on 10/31.
    c. The DQCR has the subcontractor equipment as idle, but the subcontractor was using their equipment during vegetation planting on 10/31.
    d. The DQCR shows two D6's as operating and only 2 dozers working on fill, but 3 dozers work on the grade during the night shift.

12. On 10/31 the Tom James cutterhead excavated below the permitted depth during beach fill operation. The maximum vertical violation during beach fill was approximately 3 feet, with an average vertical violation of approximately 1.4 feet. The cutterhead excavated below the strip depth during marsh fill operations on 10/31, but above the permitted cut depth. The maximum vertical violation during marsh fill operations was approximately 1 foot. The vertical violations of 1 foot and greater occurred at the end of the cutterhead swing or at cut depth boundaries.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Gary Johnson (WMI) stated that the marsh fill area from station 96+96 to station 124+40 is filled. Gary said that no more mud will be discharged into that section of marsh.

2. Gary Johnson (WMI) said the dredge was going to be down for most of the day to remove some pipe length from the submerged line. Gary said the dredge pumped beach fill overnight and will stop beach fill operations around 9:00 am. Gary said that the dredge has reached all of the borrow area that is within reach of the current submerged line. Gary stated that while the pipes are being removed the dredge will conduct overburden removal and sidecast the material.

3. Gary Johnson (WMI) stated that the dredge should start pumping sand again in the morning.

4. The WMI survey crew stated that they placed grade stakes from station 134+00 to station 140+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Wave condition at station 90+00.

Marsh buggy working near northern toe of dune fill near station 116+00.

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CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: November 1, 2006 OBSERVATION REPORT NO: 221

Center pipeline discharge at station 118+84 range 1+09.

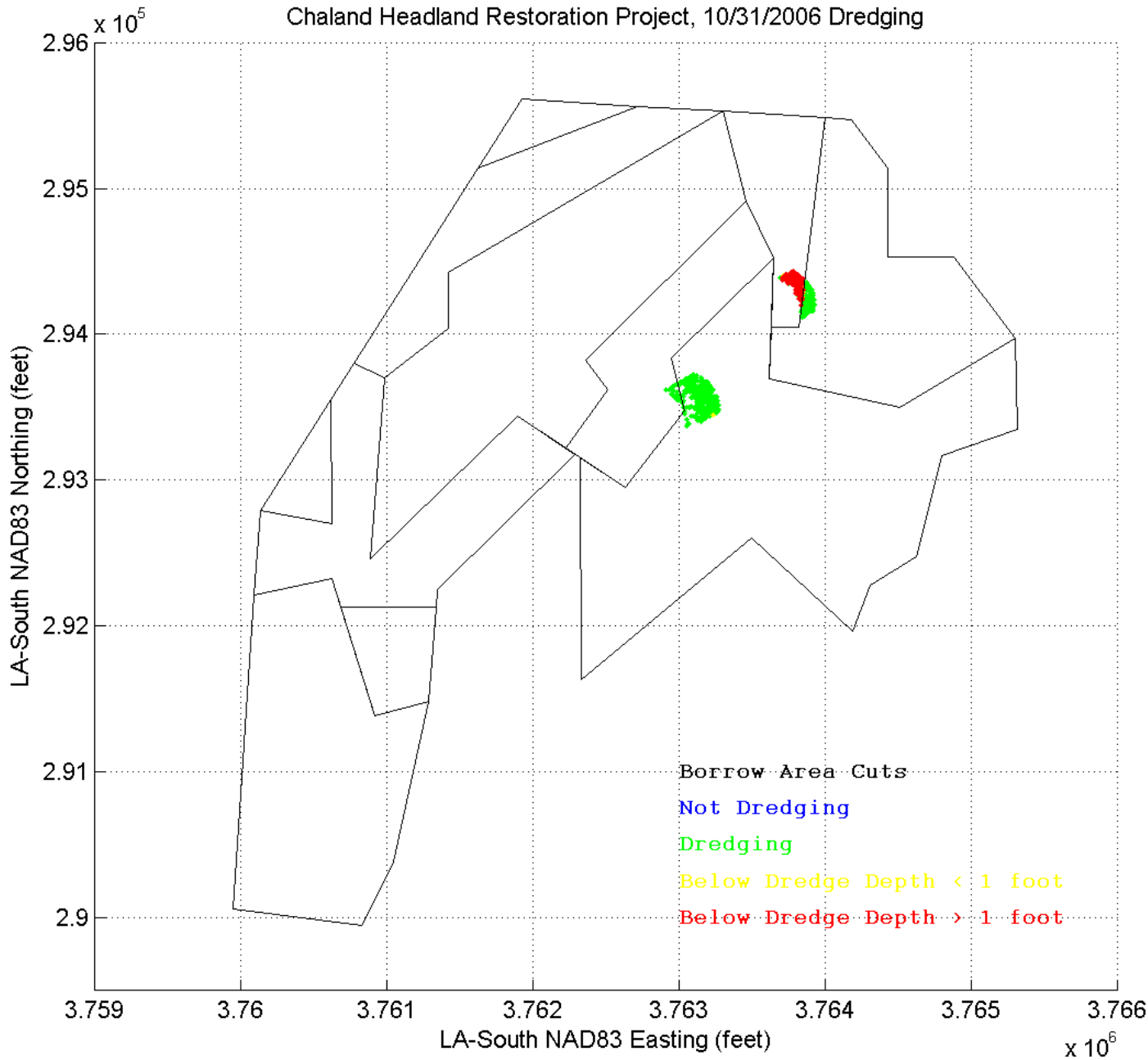
Bulldozer grading 50 feet to 100 feet south of the center pipeline on top of the dune from station 118+00 to station 116+00.

One row planted on the south side of the western extension of the northern sand fence between approximately station 7+00 and station 16+00.

Three rows planted on the north side of the western extension of the northern sand fence between approximately station 7+00 and station 16+00.

ECS planting one row at dune/marsh interface near station 11+00.

Survey crew staking sand northern sand fence near station 77+60.


Chaland Headland Restoration Project, 10/31/2006 Dredging
x 10^5
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LA-South NAD83 Northing (feet)
3.759
3.76
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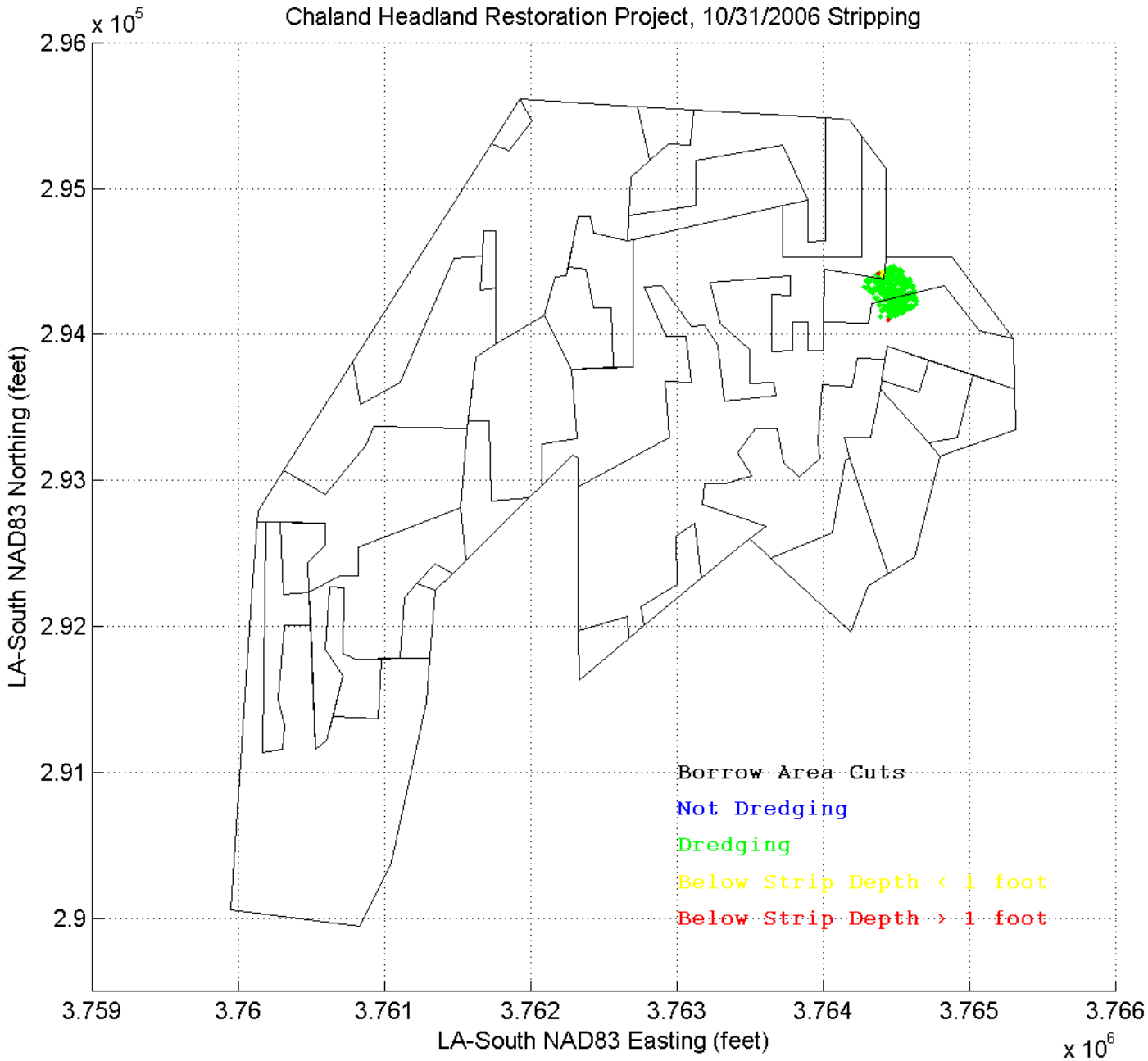
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 10/31/2006 Stripping
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LA-South NAD83 Northing (feet)
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LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 2, 2006 | OBSERVATION REPORT NO: 222
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 352
ARRIVAL TIME: 8:00 DEPARTURE TIME: 12:00

WEATHER CONDITIONS: Overcast
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: N 15-20 mph
TEMPERATURE: 55°-65° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 100+50
CENTER OUTFALL LOCATION: Station 118+84
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 120+30
SOUTH CONTAINMENT DIKE LOCATION: Station 108+25
OTHER CONTAINMENT DIKE LOCATION: Station 129+00
BEACH FILL AREA EXTENT LOCATION: Station 132+00
MARSH FILL AREA EXTENT LOCATION: Station 124+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #2
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #9
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 2, 2006 OBSERVATION REPORT NO: 222

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #2

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Jason Manthey (NOAA), Rachel Sweeney (NOAA), Gordon Thomson (CPE), Tom Campbell (CPE), Catherine Moran (CPE), Barry Richard (DNR), and Julie Rosati (USACE, CHL) visited the project site prior to the bi-weekly meeting.

2. Sand was mushroom discharged to the beach from the center outfall using a 90° dredge pipe elbow that was pointed upwards. The center outfall was located near Station 118+84 Range 1+09 and pointed east. The slurry from the center outfall flowed east to the extent of fill near Station 132+00 Range 3+00. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of fill. The south outfall was located near Station 99+70 Range 1+50 and pointed east. The north outfall was located in the marsh creation area near Station 100+50 Range -4+20. See discussion item #2.

3. The north containment dike extended along the northern extent of the dune crest between Station 118+00 and Station 120+30 and had a crest elevation of approximately 8 feet NAVD. The center containment dike extended along the project baseline between Station 99+00 and Station 129+00 and had a crest elevation of approximately 7 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 99+00 and Station 108+25 and had a crest elevation of approximately 6 feet NAVD.

4. A bulldozer maintained the 8-foot NAVD crest elevation of the north containment dike near Station 120+00.

5. A roll of unused geotextile fabric was observed near Station 9+84 Range -9+50.

6. A sample of the discharge from the center outfall was taken at 9:05 in a 2-liter bottle to determine the relative silt content. A documentary photograph was taken at the 15-minute mark; a second documentary photograph was not taken as the discharge sample was moved by the shore crew while the sample settled. After settling for 15 minutes the air/water interface was near the 1000 mL level, the water/silt interface was near the 500 mL level, and the silt/sand interface was near the 100 mL level.

7. a) Operating equipment inconsistencies were observed within the 11/1 WMI Daily Quality Control Repot. Item #1, work performed, states that the Tom James pumped beach fill and stripped overburden material from the borrow area and item #6, dredge status, states that the Tom James was operating under normal conditions while item #3, equipment data, lists the Tom James as operable.

   b) Operating equipment inconsistencies were observed within the 11/1 WMI Daily Quality Control Repot. Item #1, work performed, states that 2 bulldozers worked the beach fill/grade while item #3, equipment data, lists only 1 bulldozer as operating and 3 bulldozers as operating/idle.

8. On 11/1 the Tom James cutterhead excavated approximately 25 feet outside the horizontal limits of the borrow 25 times between 18:05 and 23:10. On 11/1 the Tom James cutterhead excavated below the required overburden removal strip depth for less than 2 minutes 3 times. The Tom James excavated an average of approximately 1.0 feet and a maximum of approximately 1.9 feet below the required overburden removal strip depth.

DATE: November 2, 2006 OBSERVATION REPORT NO: 222

9. Berm widths were not measured as the template has not been filled east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Jason Manthey (NOAA), Rachel Sweeney (NOAA), Gordon Thomson (CPE), Tom Campbell (CPE), Catherine Moran (CPE), Barry Richard (DNR), Gary Johnson (WMI), and I participated in the bi-weekly meeting. Items discussed included: beach fill, marsh fill, remaining sand volume in the borrow area, sand fencing, post construction surveys, pay volumes, pay application #8, potential dike gapping, the construction schedule, and pit to fill ratios. These items are further discussed in the bi-weekly meeting minutes.

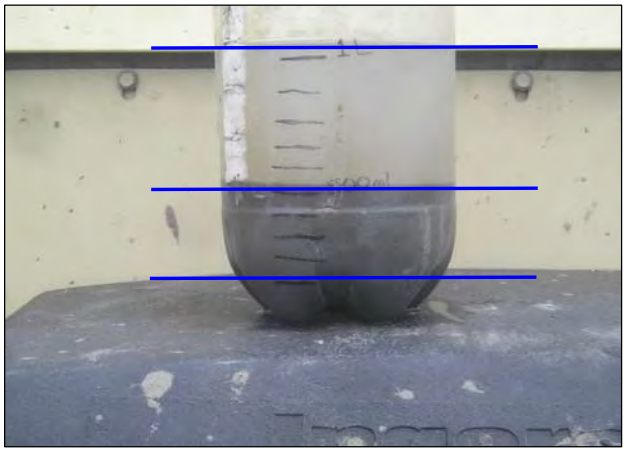
2. I spoke with Gary Johnson (WMI) about pumping operations. Gary stated that the north spine of the beach fill will be filled to an elevation of approximately 4 feet NAVD to Station 140+51. Gary said that the final cell of the marsh creation area between Station 124+40 and Station 140+51 will be filled after the north spine of beach fill has been constructed. Gary stated that the center outfall will be brought back to Station 100+00 and the full beach template will be filled from Station 100+00 to the eastern extent of the project after the final cell of the marsh creation area has been filled.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

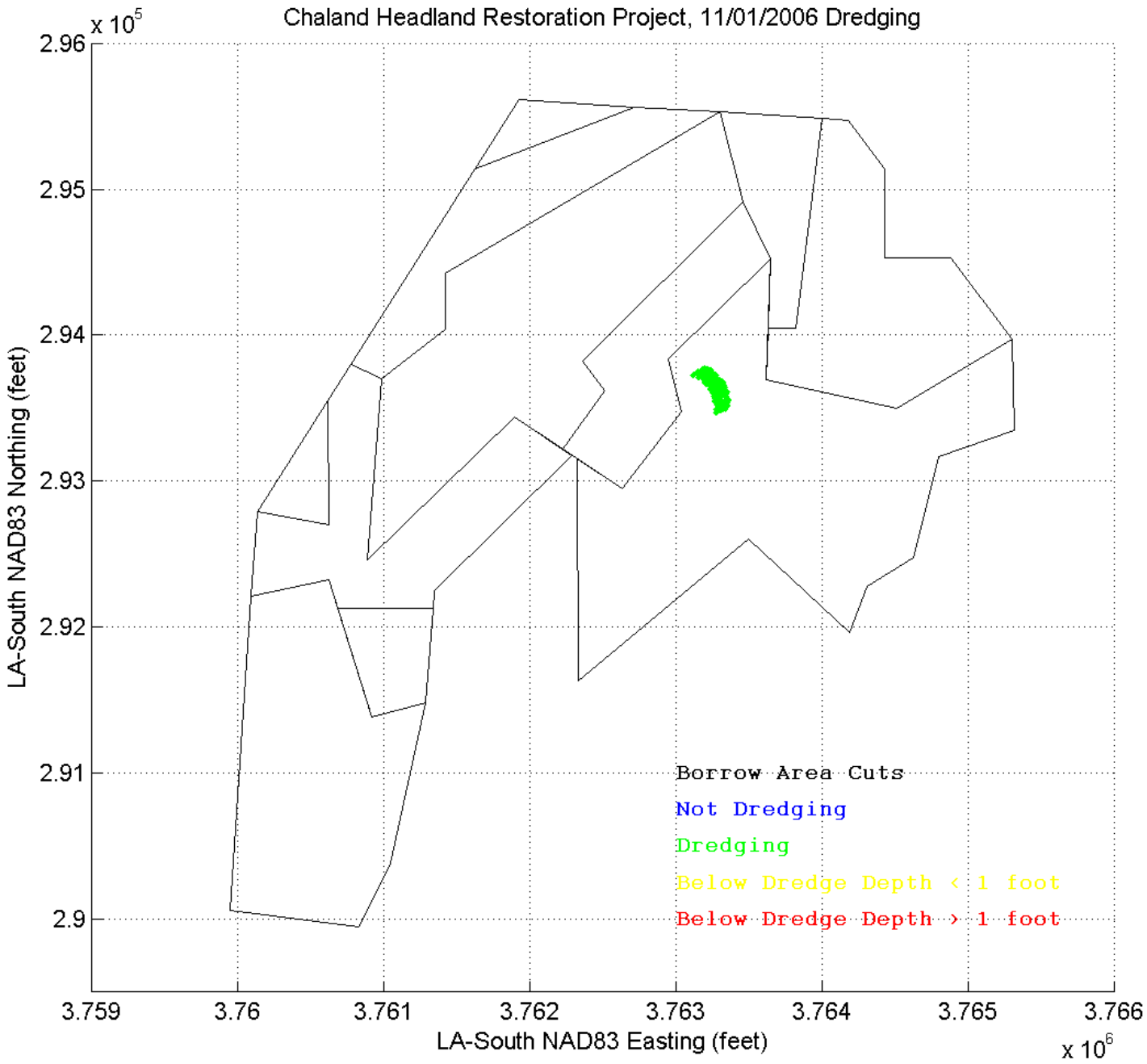
1. No.

Center outfall near Station 118+84 Range 1+09.

Bulldozer maintaining the north containment dike near Station 120+00.



Discharge sample after settling for 15 minutes. The blue lines show the air/water, water/silt, and silt/sand interfaces.


Chaland Headland Restoration Project, 11/01/2006 Dredging
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LA-South NAD83 Northing (feet)
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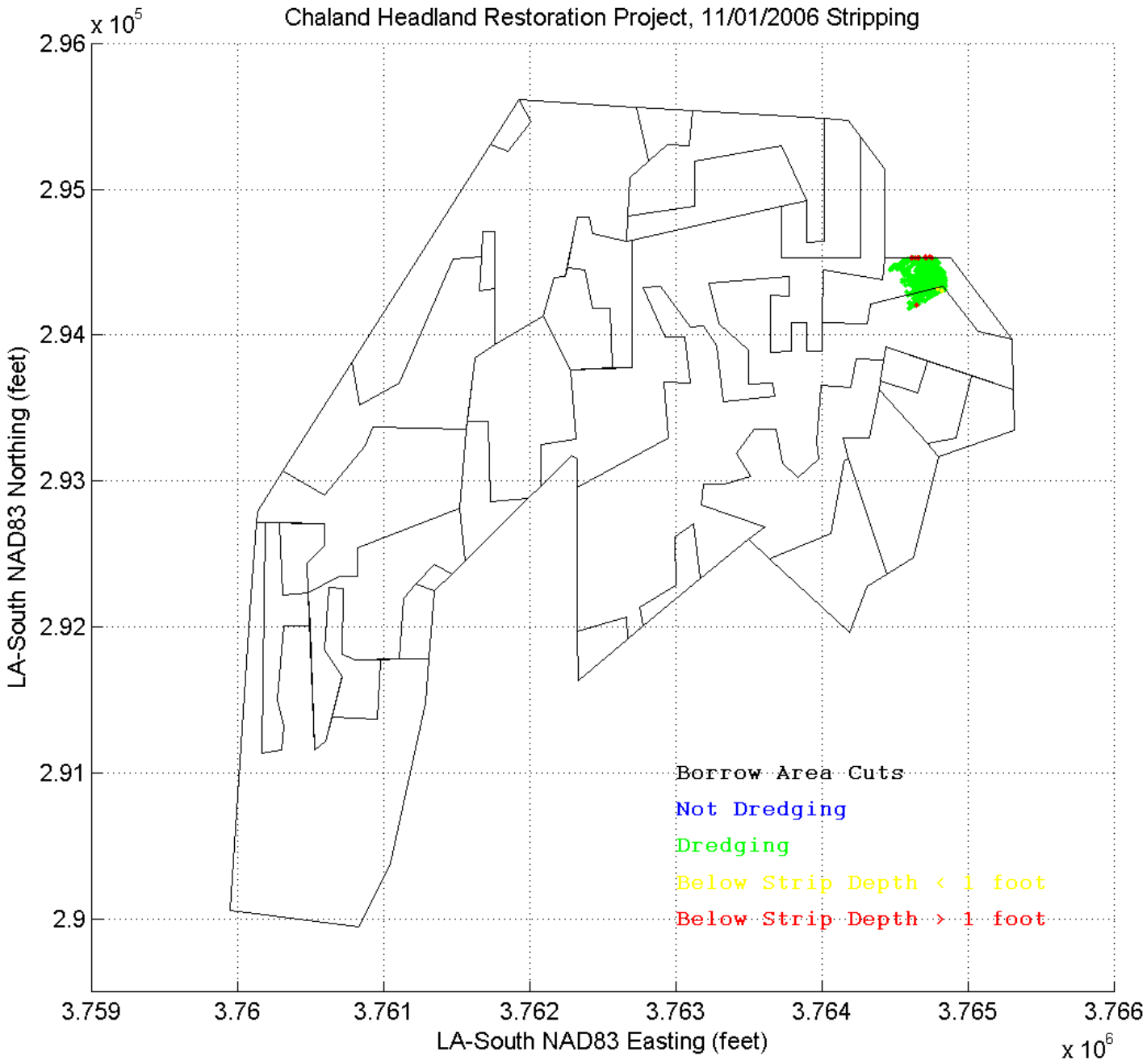
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/01/2006 Stripping
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x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 3, 2006 | OBSERVATION REPORT NO: 223
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 353
ARRIVAL TIME: 14:45 DEPARTURE TIME: 17:15

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	SSE 0'-1'
WIND SPEED AND DIRECTION:	NNE 15-20 mph
TEMPERATURE:	50°-60° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 100+50
CENTER OUTFALL LOCATION:	Station 127+50
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 127+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 108+25
OTHER CONTAINMENT DIKE LOCATION:	Station 132+40
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 124+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach grade staking between Station 133+00 and Station 140+00.		Discussion #2

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH077, Sta. 127+50 Ra. 2+00 (N 29.30813° W 89.74532°), 15:45		Observation #4
20.	Has a discharge sample been collected?	Yes	Observation #5
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 3, 2006 OBSERVATION REPORT NO: 223

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center outfall using a 90° dredge pipe elbow that was pointed upwards. The center outfall was located near Station 127+50 Range 1+00 and pointed east. The slurry from the center outfall flowed northeast around the vegetation approximately 25 feet due east of the center outfall to the extent of fill near Station 135+68 Range -1+00. Localized turbidity plumes were observed in the marsh near the extent of fill. The south outfall was located near Station 99+70 Range 1+50 and pointed east. The north outfall was located in the marsh creation area near Station 100+50 Range -4+20. See discussion item #1.

2. The north containment dike extended along the northern extent of the dune crest between Station 118+00 and Station 120+30 and had a crest elevation of approximately 8 feet NAVD. Between Station 120+30 and Station 127+50 the north containment dike extended approximately 100 feet north of the northern extent of the dune crest and had a crest elevation of approximately 7 feet NAVD. The center containment dike extended along the project baseline between Station 99+00 and Station 132+40 and had a crest elevation of approximately 7 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 99+00 and Station 108+25 and had a crest elevation of approximately 6 feet NAVD.

3. The WMI survey crew checked grade and replaced as necessary near Station 103+00. See discussion item #2.

4. Sand sample CH077 was taken near Station 127+50 Range 2+00 (N 29.30813° W 89.74532°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

5. A sample of the discharge from the center outfall was taken at 15:35 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 45-minute marks. After settling for 15 minutes the air/water interface was near the 1000 mL level, the water/silt interface was near the 900 mL level, and the silt/sand interface was near the 300 mL level. After settling for 45 minutes the air/water interface was near the 1000 mL level, the water/silt interface was near the 750 mL level, and the silt/sand interface was near the 250 mL level.

6. a) Operating equipment inconsistencies were observed within the 11/2 WMI Daily Quality Control Repot (DQCR). Item #1, work performed, states that 2 bulldozers worked the beach fill/grade while item #3, equipment data, lists only 1 bulldozer as operating and 3 bulldozers as operating/idle.

   b) Formatting problems were observed in the 11/2 WMI Daily Quality Control Report (DQCR). Item #9, avoidance of overdredging, reads incorrectly as words are cut short and statements are made on incorrect lines.

7. On 11/2 the Tom James cutterhead excavated approximately 30 feet outside the horizontal limits of the borrow area 3 times between 4:10 and 4:36. On 11/2 the Tom James cutterhead excavated approximately 2.5 feet below the newly permitted cut depth, which is approximately 7.5 feet below the originally permitted cut depth, for less than 1 minute on 1 occasion. On 11/2 the Tom James cutterhead excavated 0.6 feet below the required overburden removal strip depth for less than 2 minutes on 1 occasion.

DATE: November 3, 2006 OBSERVATION REPORT NO: 223

8. Berm widths were not measured as the template has not been filled east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about pumping operations. Gary stated that beach fill operations will continue through the night and into tomorrow morning. Gary said that overburden will be sidecast within the horizontal limits of the borrow area to uncover additional sand tomorrow morning. Gary stated that adverse weather and rough seas are expected on Sunday which will likely require the dredge to return to the safe harbor at Grand Isle for 3 to 4 days.

2. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew set grade on the north side of the beach between Station 133+00 and Station 140+00. Tom said that the WMI survey crew also checked grade on the beach and replaced as necessary between Station 96+96 and Station 105+00.

3. I spoke with Gary Johnson (WMI) about his weekend plans. Gary stated that he will leave the project site tomorrow afternoon and will return when pumping operations resume.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Center outfall near Station 127+50 Range 1+00.

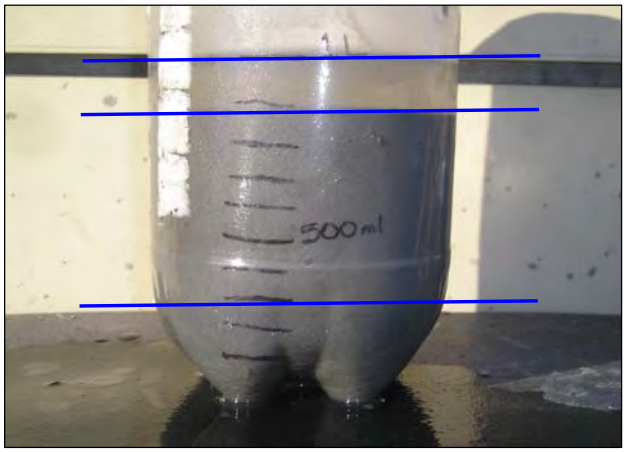
Center outfall near Station 127+50 Range 1+00.

WMI survey crew replacing grade near Station 103+00.

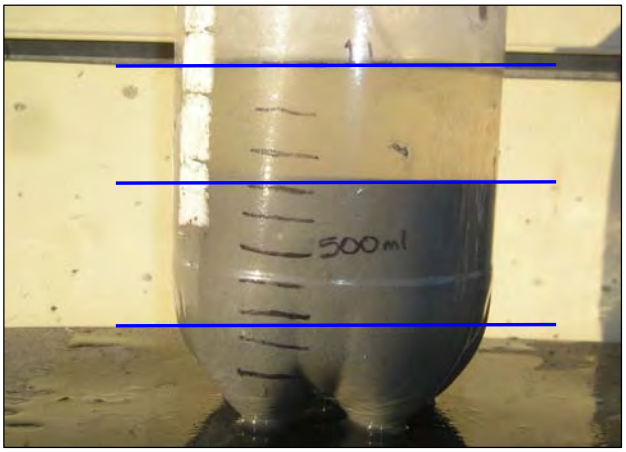
Gulf of Mexico wave conditions near Station 127+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

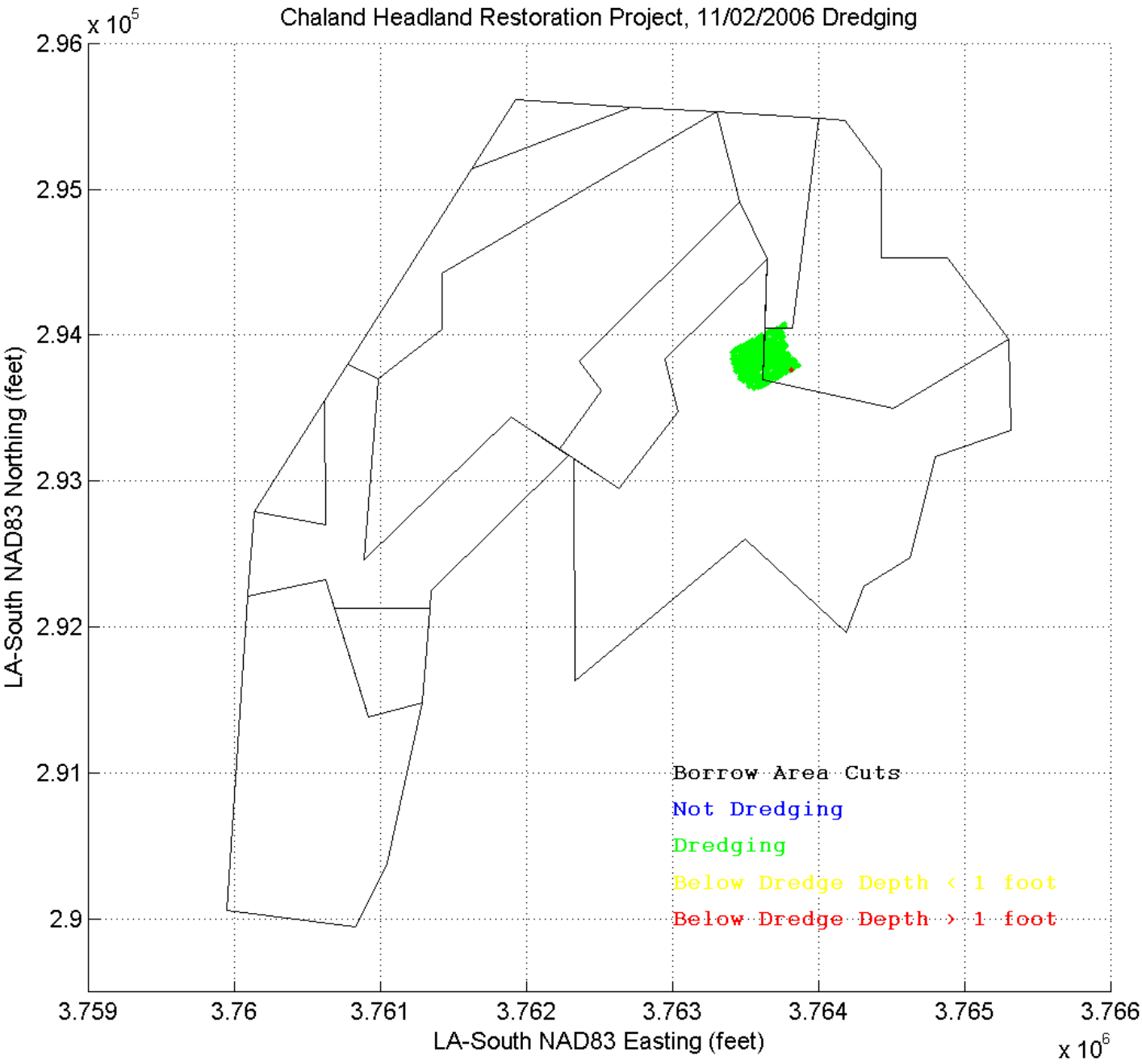
DATE: November 3, 2006 OBSERVATION REPORT NO: 223



Discharge sample after settling for 15 minutes. The blue lines show the air/water, water/silt, and silt/sand interfaces.



Discharge sample after settling for 45 minutes. The blue lines show the air/water, water/silt, and silt/sand interfaces.


Chaland Headland Restoration Project, 11/02/2006 Dredging
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LA-South NAD83 Northing (feet)
3.759
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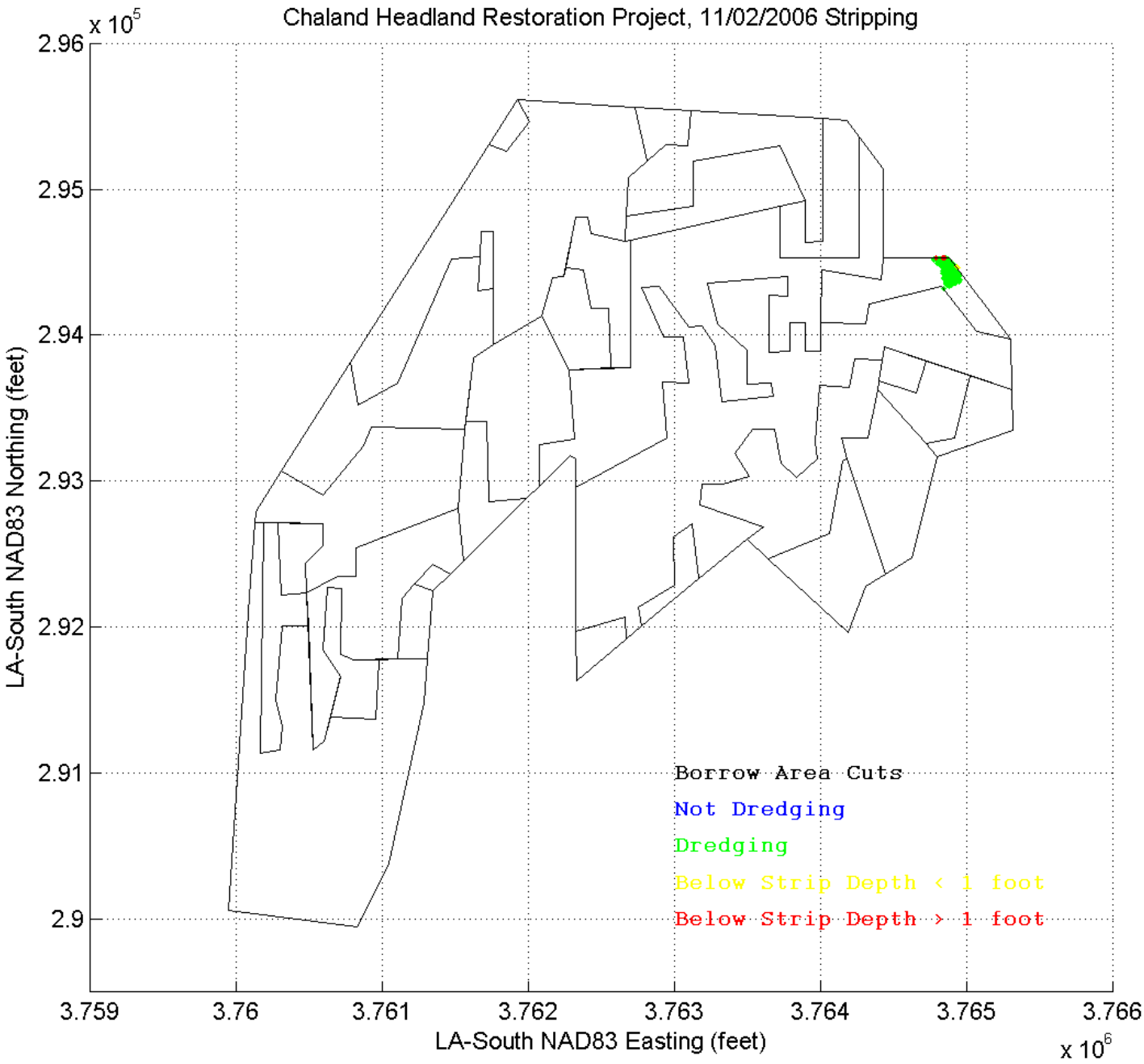
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/02/2006 Stripping
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LA-South NAD83 Northing (feet)
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LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 4, 2006 | OBSERVATION REPORT NO: 224
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 354
ARRIVAL TIME: 14:15 DEPARTURE TIME: 16:15

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	SSE 0'-1'
WIND SPEED AND DIRECTION:	NNE 15-25 mph
TEMPERATURE:	55°-65° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 100+50
CENTER OUTFALL LOCATION:	Station 127+50
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 127+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 108+25
OTHER CONTAINMENT DIKE LOCATION:	Station 132+40
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 124+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #4
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH078, Sta. 99+60 Ra. 1+90 (N 29.30920° W 89.75397°), 15:01		Observation #3
20.	Has a discharge sample been collected?	No	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 4, 2006 OBSERVATION REPORT NO: 224

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the south outfall using a 90° dredge pipe elbow that was pointed upwards. The south outfall was located near Station 99+70 Range 1+50 and pointed east. The slurry from the south outfall flowed east to the end of the south containment dike near Station 108+25 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of the south containment dike. The center outfall was located near Station 127+50 Range 1+00 and pointed east. The north outfall was located in the marsh creation area near Station 100+50 Range -4+20. See discussion item #1.

2. The north containment dike extended along the northern extent of the dune crest between Station 118+00 and Station 120+30 and had a crest elevation of approximately 8 feet NAVD. Between Station 120+30 and Station 127+50 the north containment dike extended approximately 100 feet north of the northern extent of the dune crest and had a crest elevation of approximately 7 feet NAVD. The center containment dike extended along the project baseline between Station 99+00 and Station 132+40 and had a crest elevation of approximately 7 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 99+00 and Station 108+25 and had a crest elevation of approximately 6 feet NAVD.

3. Sand sample CH078 was taken near Station 99+60 Range 1+90 (N 29.30920° W 89.75397°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

4. a) Discharge location inconsistencies were observed within the 11/3 WMI Daily Quality Control Report (DQCR). The WMI DQCR summary states that the beach discharge is located at Station 126+40/145 feet east of pay profile line number CG26 while Station 126+40 is 40 feet east of pay profile line number CG26.

   b) Operating equipment inconsistencies were observed within the 11/3 WMI Daily Quality Control Repot (DQCR). Item #1, work performed, states that 2 bulldozers worked the beach fill/grade while item #3, equipment data, lists only 1 bulldozer as operating and 3 bulldozers as operating/idle.

   c) Operating equipment inconsistencies were observed within the 11/3 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that the fencing crew (ECS) is on standby until more fence is ready for installation while item #3, equipment data, lists ECS equipment as operable.

5. On 11/3 the Tom James cutterhead excavated below the newly permitted cut depth for less than 3 minutes on 1 occasion. The Tom James excavated an average of approximately 1.6 feet and a maximum of approximately 2.1 feet below the newly permitted cut depth, which is an average of approximately 6.6 feet and a maximum of approximately 7.1 feet below the originally permitted cut depth.

6. A discharge sample was not taken as the lines were being washed out when I arrived on the beach. Beach fill operations stopped around 14:45 as additional sand was needed to be uncovered.

DATE: November 4, 2006 OBSERVATION REPORT NO: 224

7. Berm widths were not measured as the template has not been filled east of Station 99+00.

8. Gary Johnson (WMI) left the project site around 12:00. See discussion item #3.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the potential of filling the Tennessee Oil and Gas access canal. Gary stated that beach fill discharged from the center outfall was encroaching on the access canal which forced WMI to stop pumping sand to the beach from the center outfall. Gary said that WMI did not move the center outfall but began pumping sand to the beach from the south outfall to begin filling the beach template near Station 100+00. Gary stated that he is looking to the Government for a solution to this problem. I called Gordon Thomson (CPE) and informed him of the situation. Gordon stated that if filling the access canal is a concern, WMI should submit an RFI to the Government. I called Jason Manthey (NOAA) and informed him of the situation. Jason stated that a decision as to where the remaining beach fill should be placed near the eastern extent of the project should be resolved by the Government late next week. Jason said that an RFI should be submitted to the Government by WMI if immediate action is required.

2. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew conducted check surveys of the beach between Station 111+00 and Station 130+00.

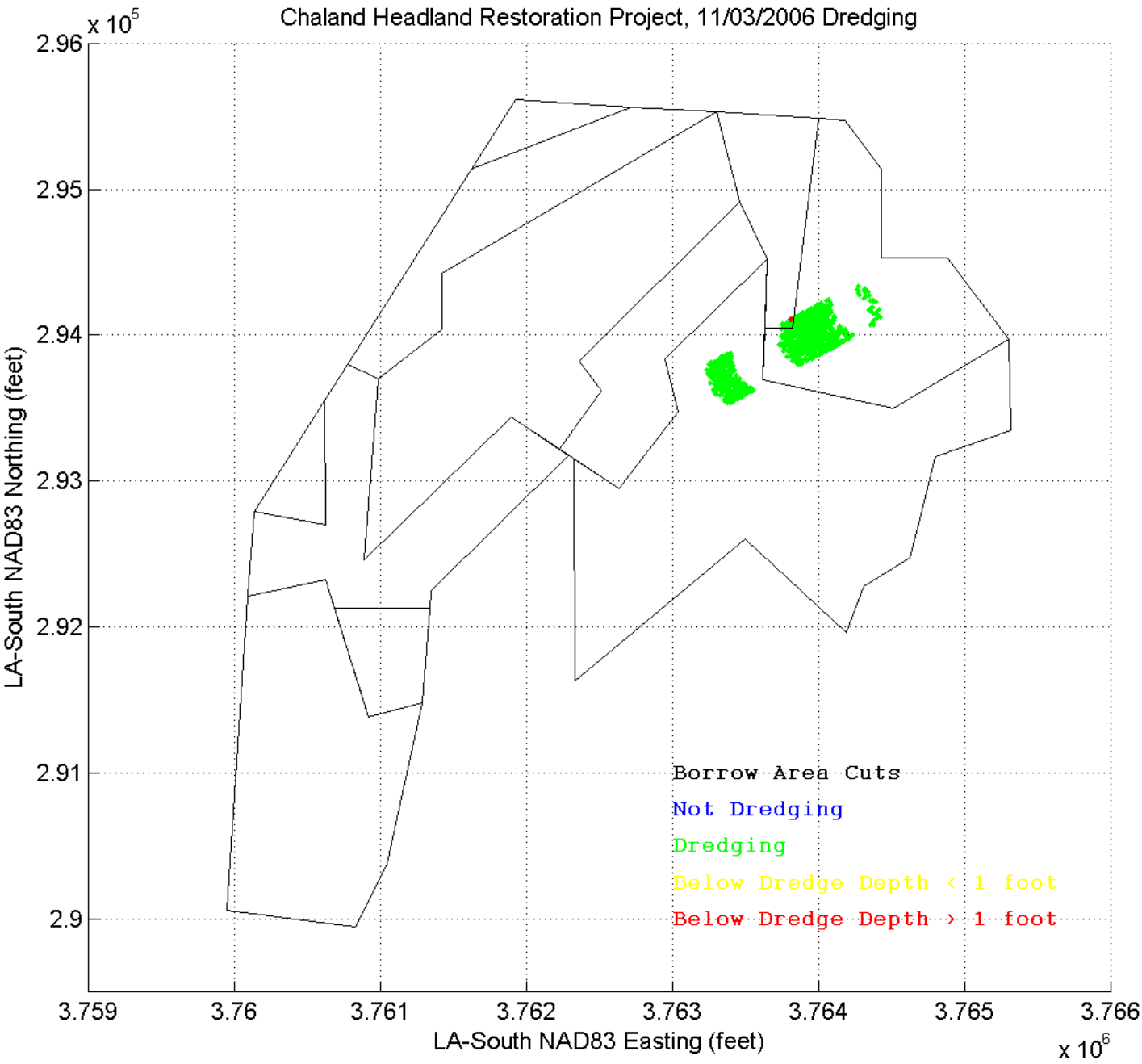
3. I spoke with Gary Johnson (WMI) about his planned absence. Gary stated that he plans on coming back to the Quarters Barge tomorrow. Gary said that the captain aboard the Tom James will be acting superintendent in his absence.

4. I spoke with Tom Newman (WMI) about the WMI Daily Quality Control Reports (DQCR). I mentioned that clear and concise statements about the status of the equipment would be beneficial to the reader of the DQCR. Specifically, I stated that if equipment is operating, list the equipment as operating; if the equipment is operable but idle, list the equipment as operable/idle; if the equipment is down for repairs, list the equipment as down for repairs. I mentioned that listing the equipment as operating/idle gives the reader the impression that the equipment was operating part of the day and idle part of the day. Tom stated that he would use more care in his word choice when writing future DQCR.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Gulf of Mexico wave conditions near Station 100+00.


Chaland Headland Restoration Project, 11/03/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 5, 2006 | OBSERVATION REPORT NO: 225
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 355
ARRIVAL TIME: 15:00 DEPARTURE TIME: 17:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 1'-2'
WIND SPEED AND DIRECTION: NE 5-10 mph
TEMPERATURE: 55°-65° F

CONSTRUCTION ACTIVITY: Overburden Removal
NORTH OUTFALL LOCATION: Station 100+50
CENTER OUTFALL LOCATION: Station 127+50
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 127+50
SOUTH CONTAINMENT DIKE LOCATION: Station 108+25
OTHER CONTAINMENT DIKE LOCATION: Station 132+40
BEACH FILL AREA EXTENT LOCATION: Station 135+68
MARSH FILL AREA EXTENT LOCATION: Station 124+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Observation #2
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	No	Observation #2

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach grade staking between Station 106+00 and Station 113+90.		Discussion #1

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	Observation #2

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #3
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 5, 2006 OBSERVATION REPORT NO: 225

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. The Tom James stripped overburden and sidecast the material within the horizontal limits of the borrow area. The Tom James was not observed in the borrow area around 16:00.

2. A dredge compliance analysis was not conducted as WMI did not submit the Daily Quality Control Report (DQCR), Daily Dredge Report (DDR), or cutterhead xyz data for 11/4.

3. Berm widths were not measured as the template has not been filled east of Station 99+00.

4. Gary Johnson (WMI) did not return to the project site today. The Tom James left the borrow area around 16:00. There was no acting superintendent on the project site after 16:00 today.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew conducted check surveys of the placed beach fill between Station 96+96 and Station 101+00. Tom said that beach grade stakes were checked and replaced as necessary between Station 106+00 and Station 113+90.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. On 11/4 Gary Johnson (WMI) stated that the Tennessee Oil and Gas access canal started to fill with sand that was pumped to the beach from the center outfall located near Station 127+50. Gary said that WMI stopped pumping sand to the beach from the center outfall located near Station 127+50 and started pumping sand to the beach from the south outfall located near Station 99+70 to avoid filling the canal. Gary stated that he is looking for a solution to this problem from the Government. I discussed this issue with Gordon Thomson (CPE) and Jason Manthey (NOAA). Gordon and Jason both stated that WMI should submit an RFI to address this issue. On 11/4 Gary was informed to submit an RFI to resolve this issue.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 5, 2006 OBSERVATION REPORT NO: 225

Gulf of Mexico wave conditions near Station 130+84.

Center outfall near Station 127+50 Range 1+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 6, 2006 | OBSERVATION REPORT NO: 226
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 356
ARRIVAL TIME: 15:00 DEPARTURE TIME: 17:00

WEATHER CONDITIONS:	Overcast, Rain
WAVE HEIGHT AND DIRECTION:	SE 1'-3'
WIND SPEED AND DIRECTION:	SE 5-10 mph, NW 15-25 mph
TEMPERATURE:	70°-80° F
CONSTRUCTION ACTIVITY:	No Construction
NORTH OUTFALL LOCATION:	Station 100+50
CENTER OUTFALL LOCATION:	Station 127+50
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 127+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 108+25
OTHER CONTAINMENT DIKE LOCATION:	Station 132+40
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 124+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #2
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #3

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #4
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 6, 2006 OBSERVATION REPORT NO: 226

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. The Tom James remained in a safe harbor at Grand Isle due to rough seas.

2. a) Pumping inconsistencies were observed within the 11/5 WMI Daily Quality Control Report (DQCR). The location of the discharge in the summary section states that the south discharge was active and located at Station 99+24/228 feet east of pay profile line number CG20. According to item #1, work performed, and the Daily Dredge Report (DDR) only stripping operations were conducted.

   b) The xyz swing data submitted for 11/5 was corrupted between 18:08 and 23:59. Dredging operations stopped at 14:00 due to anticipated rough weather.

3. On 11/5 the Tom James cutterhead excavated below the required strip depth for less than 5 minutes on several occasions. The Tom James excavated an average of approximately 0.7 feet and a maximum of approximately 4.5 feet below the required strip depth.

4. Berm widths were not measured as the template has not been filled east of Station 99+00.

5. Gary Johnson (WMI) returned to the project site today around 14:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Jason Manthey (NOAA) about the recovery of grade stakes from completed sections of beach. Jason stated that WMI submitted a letter certifying the removal of all grade stakes from the completed sections of beach. Technical Provision 35.5 states "Any and all grade stakes used in the project area shall be composed of metal conduit pipe to facilitate recovery of the stakes. The CONTRACTOR shall remove all grade stakes from each completed section immediately after the section has been completed. Upon completion of construction in an area, the CONTRACTOR shall conduct a search using a suitable sensitive metal detector to find each and every stake placed by the CONTRACTOR in the area. The search and removal of all grade stakes shall be certified by the CONTRACTOR." I informed Jason that I have not observed the use of a metal detector on site. I spoke with Gary Johnson (WMI) about the removal of grade stakes. I asked Gary to inform the observer when grade stakes are being removed from completed sections and a metal detector is being used to confirm the removal of all grade stakes in the completed section.

2 I spoke with Gary Johnson (WMI) about the 10/19 bi-weekly meeting minutes. Gary stated that Paul Stewart (WMI) will arrive at the project site this Wednesday and will remain on site thru next Monday. Gary said that Paul will complete the meeting minutes and distribute while on site.

3. I spoke with Gary Johnson (WMI) about his upcoming leave. Gary stated that he will leave the project site on Wednesday and will return next Monday. Gary said that Paul Stewart (WMI) will be the superintendent in his absence.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

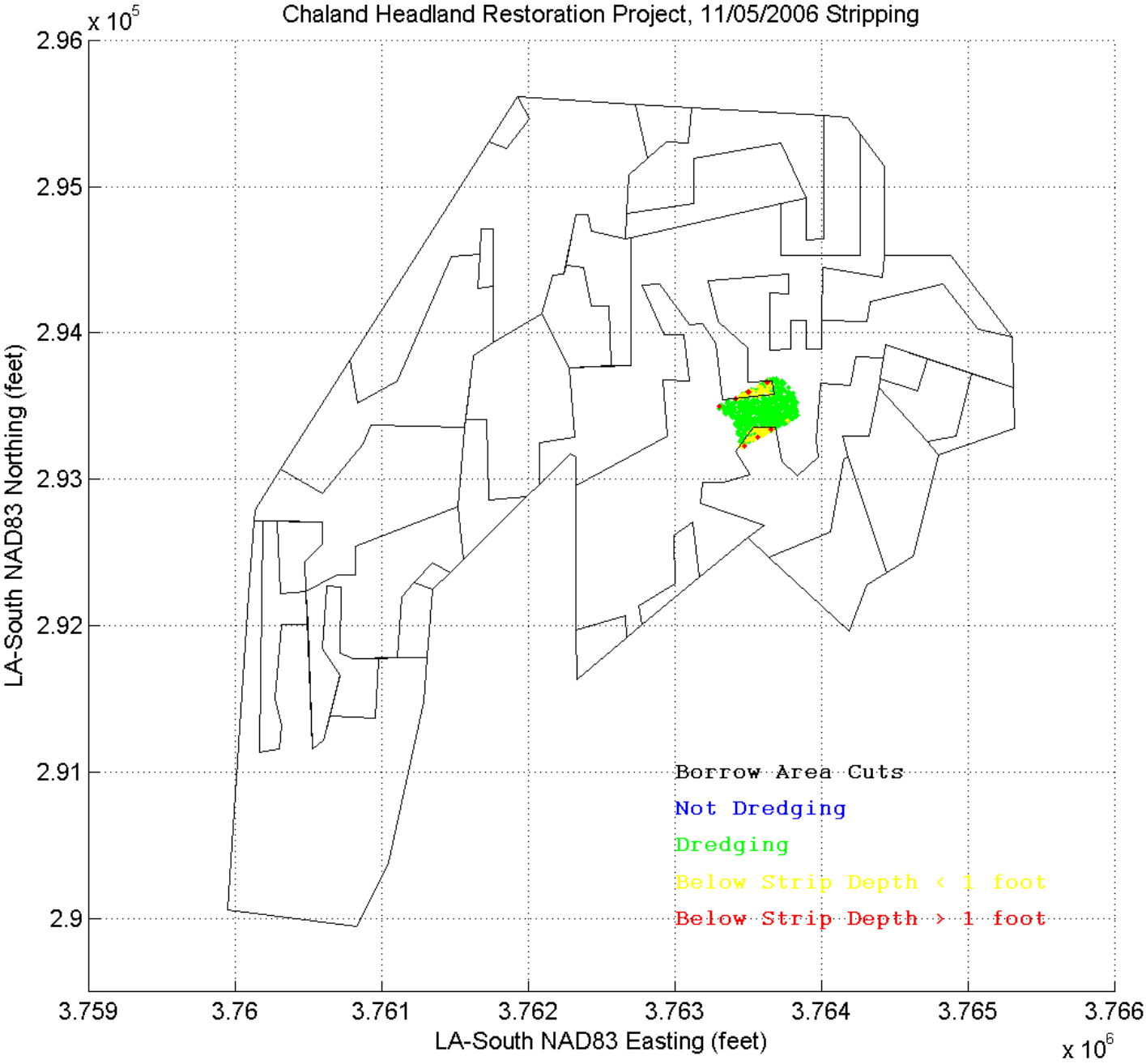
DATE: November 6, 2006 OBSERVATION REPORT NO: 226

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Gulf of Mexico wave conditions near Station 130+84.

Center outfall near Station 127+50 Range 1+00.


Chaland Headland Restoration Project, 11/05/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 7, 2006 | OBSERVATION REPORT NO: 227
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 357
ARRIVAL TIME: 14:00 DEPARTURE TIME: 17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SSE 1'-2'
WIND SPEED AND DIRECTION:	NNE 10-15 mph
TEMPERATURE:	55°-65° F
CONSTRUCTION ACTIVITY:	Beach Preparation
NORTH OUTFALL LOCATION:	Station 100+50
CENTER OUTFALL LOCATION:	Station 127+50
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 127+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 108+25
OTHER CONTAINMENT DIKE LOCATION:	Station 116+32
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 124+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dredging inconsistency within the WMI DQCR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 7, 2006 OBSERVATION REPORT NO: 227

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	Yes	
	Post location: South - between Station 65+85 and Station 74+55.		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description: Beach grade stake removal.		Observation #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. The beach fill extends to Station 135+68. The beach fill entered the western extent of the Tennessee Oil and Gas access canal; the Tennessee Oil and Gas access canal remains unfilled.

3. The WMI survey crew removed beach grade stakes near Station 72+75. The grade stakes were removed using the assistance of the Mule. After each grade stake was pulled the removal area was swept with a magnetometer to confirm the complete removal of the grade stake. Locations were marked with orange glow spray paint and a metal conduit where the magnetometer sensed metal and no grade stake was located after using a shovel to dig/probe for the buried grade stake . See discussion item #2.

4. Shore pipe was moved east toward the center and south outfalls.

5. A bulldozer graded the north slope of the dune near Station 100+00.

6. a) Pumping inconsistencies were observed within the 11/6 WMI Daily Quality Control Report (DQCR). The location of the discharge in the summary section states that the south discharge was active and located at Station 99+24/228 feet east of pay profile line number CG20. According to item #1, work performed, and the Daily Dredge Report (DDR) the Tom James remained in a safe harbor at Grand Isle due to rough seas throughout the day.

   b) Formatting issues were observed in the 11/6 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

7. Berm widths were not measured as the template has not been filled east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about dredging operations. Gary stated that the Tom James returned to the borrow area and began stripping overburden and sidecasting the stripped material within the horizontal limits of the borrow area around 15:00.

2. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew removed beach grade stakes between Station 67+00 and Station 75+00.

3. I spoke with Gary Johnson (WMI) about marsh creation. Gary stated that the fourth section of marsh is complete and the flexible PVC pipe will be removed from the marsh creation area tomorrow. Gary said that standard shore pipe will likely be used to fill the final cell of the marsh as this area is small and will require less, if any, shore pipe movement when filling.

DATE: November 7, 2006 OBSERVATION REPORT NO: 227

4. I spoke with Gary Johnson (WMI) about beach fill operations. Gary stated that shore pipe will be broken down tomorrow east of Station 100+00 to enable the beach template to be filled east of Station 100+00. Gary said that 2 outfalls will first be used to fill the beach template and if the material is of poor quality and does not stack a third outfall will then be used.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

WMI survey crew removing a beach grade stake near Station 72+75.

WMI surveyor using a magnetometer to search for beach grade stake fragments near a grade stake removal site.

WMI surveyor digging for a buried beach grade stake located with the magnetometer near Station 72+75.

Erosion Control Services drilling holes in the beach near Station 70+00 for sand fence post installation.

DATE: November 7, 2006 OBSERVATION REPORT NO: 227

Erosion Control Services installing sand fence posts near Station 70+00.

Bulldozer grading the north slope of the beach near Station 100+00.

Gulf of Mexico wave conditions near Station 135+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 8, 2006 | OBSERVATION REPORT NO: 228
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 358
ARRIVAL TIME: 13:30 DEPARTURE TIME: 16:45

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: SSW 0-5 mph
TEMPERATURE: 65°-75° F

CONSTRUCTION ACTIVITY: Beach Preparation
NORTH OUTFALL LOCATION: Station 127+50
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: Station 99+70
NORTH CONTAINMENT DIKE LOCATION: Station 127+50
SOUTH CONTAINMENT DIKE LOCATION: Station 108+25
OTHER CONTAINMENT DIKE LOCATION: Station 116+32
BEACH FILL AREA EXTENT LOCATION: Station 135+68
MARSH FILL AREA EXTENT LOCATION: Station 124+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments: Various inconsistencies within the WMI DQCR. — Observation #5
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes — Discussion #3
   Location 1: North Sand Fence - between Station 87+97 and Station 96+65.
   Location 2: South Sand Fence - between Station 78+45 and Station 96+09.
   .

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes — Observation #1
    Type: Overburden Removal
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No — Observation #6

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — No
17. Are grade stakes in place for the fill location? — N/A
18. Has debris been removed prior to placement of fill? — N/A
19. Has a representative sand sample been collected? — Yes — Observation #4
    Location 1: CH079, Sta. 76+30 Ra. 0+10 (N 29.31057° W 89.76113°) @ 4', 14:05
    Location 2: CH080, Sta. 76+30 Ra. 0+10 (N 29.31057° W 89.76113°) @ 2', 14:05
    Location 3: CH081, Sta. 76+30 Ra. 0+10 (N 29.31057° W 89.76113°) @ 0', 14:05
20. Has a discharge sample been collected? — N/A
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — No — Observation #8
    Measurement:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 8, 2006 OBSERVATION REPORT NO: 228

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	Yes	
	Post location: South - between Station 74+55 and Station 78+75.		
	Post location: North - between Station 67+02 and Station 84+10.		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Beach grade stake removal.		Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. The WMI survey crew removed beach grade stakes near Station 91+00. The grade stakes were removed using the assistance of the loader. After each grade stake was pulled the removal area was swept with a magnetometer to confirm the complete removal of the grade stake. Beach grade stakes marking design elevations below 2 feet NAVD were not pulled east of Station 76+00. See discussion item #3.

3. The flexible PVC pipe was removed from the marsh creation area.

4. Sand samples CH079, CH080, and CH081 were taken near Station 76+30 Range 0+10 (N 29.31057° W 89.76113°) at depths of 4 feet, 2 feet, and 0 feet respectively. These sand samples were collected from the toro post auger bit after drilling a hole to facilitate installation of a sand fence post at this location. The Munsell colors of the representative sand samples taken at this location were 2.5Y-4/2 (Dark Grayish Brown), 5Y-4/2 (Olive Gray), and 2.5Y-4/1 (Dark Gray). All sand samples collected at this location had an approximate grain size of 0.1 mm.

5. a) Formatting issues were observed in the 11/4 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

   b) Pumping inconsistencies were observed within the 11/7 WMI Daily Quality Control Report (DQCR). The location of the discharge in the summary section states that the south discharge was active and located at Station 99+24/228 feet east of pay profile line number CG20. According to item #1, work performed, and the Daily Dredge Report (DDR) the Tom James did not pump sand to the beach but stripped overburden from the borrow area and sidecast the stripped material within the horizontal limits of the borrow area.

   c) Operating equipment inconsistencies were observed within the 11/7 WMI Daily Quality Control Report (DQCR). Item #3, equipment data, lists ECS equipment as operable while item #1, work performed, states that ECS was constructing both north and south sand fences.

   d) Formatting issues were observed in the 11/7 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

DATE: November 8, 2006 OBSERVATION REPORT NO: 228

6. a) On 11/4 the Tom James cutterhead excavated below the required strip depth for less than 3 minutes on several occasions. The Tom James excavated an average of approximately 1.1 feet and a maximum of approximately 2.9 feet below the required strip depth.

   b) On 11/7 the Tom James cutterhead excavated below the required strip depth for less than 3 minutes on several occasions. The Tom James excavated an average of approximately 0.6 feet and a maximum of approximately 1.6 feet below the required strip depth.

7. Paul Stewart (WMI) arrived on the project site around 9:00. Gary Johnson (WMI) left the project site around 11:30.

8. Berm widths were not measured as the template has not been filled east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James stripped overburden and sidecast the stripped material within the horizontal limits of the borrow area.

2. I spoke with Richard Edwards (MES) about conducting a check survey along profile lines 24+36, 63+08, and 106+32. Richard stated that the check surveys will be conducted in approximately 2 weeks with the survey date being highly dependent on weather as an air boat will be required. Project baseline data, primary dike ranges, landward toe of fill ranges, seaward toe of fill ranges, and post construction photographs were provided for the above mentioned profile lines. Pre-construction and as-built survey project specifications were also provided.

3. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew staked the north sand fence line between Station 87+97 and Station 96+65 and the south sand fence line between Station 78+45 and Station 96+09. Tom said that beach grade stakes were removed between Station 76+00 and Station 96+00. Tom stated that the beach grade stakes which mark design elevations below 2 feet NAVD on the seaward slope were not removed as the loader could not access this area.

4. I spoke with Tom Newman (WMI) about the WMI Daily Quality Control Reports (DQCR). I informed Tom that the 11/4 Daily Dredge Report (DDR), 11/4 cutterhead xyz data, and the 11/7 DQCR were not submitted. Tom immediately distributed the missing information.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

WMI survey crew removing a beach grade stake near Station 91+00.

WMI surveyor using a magnetometer to search for beach grade stake fragments near a grade stake removal site.

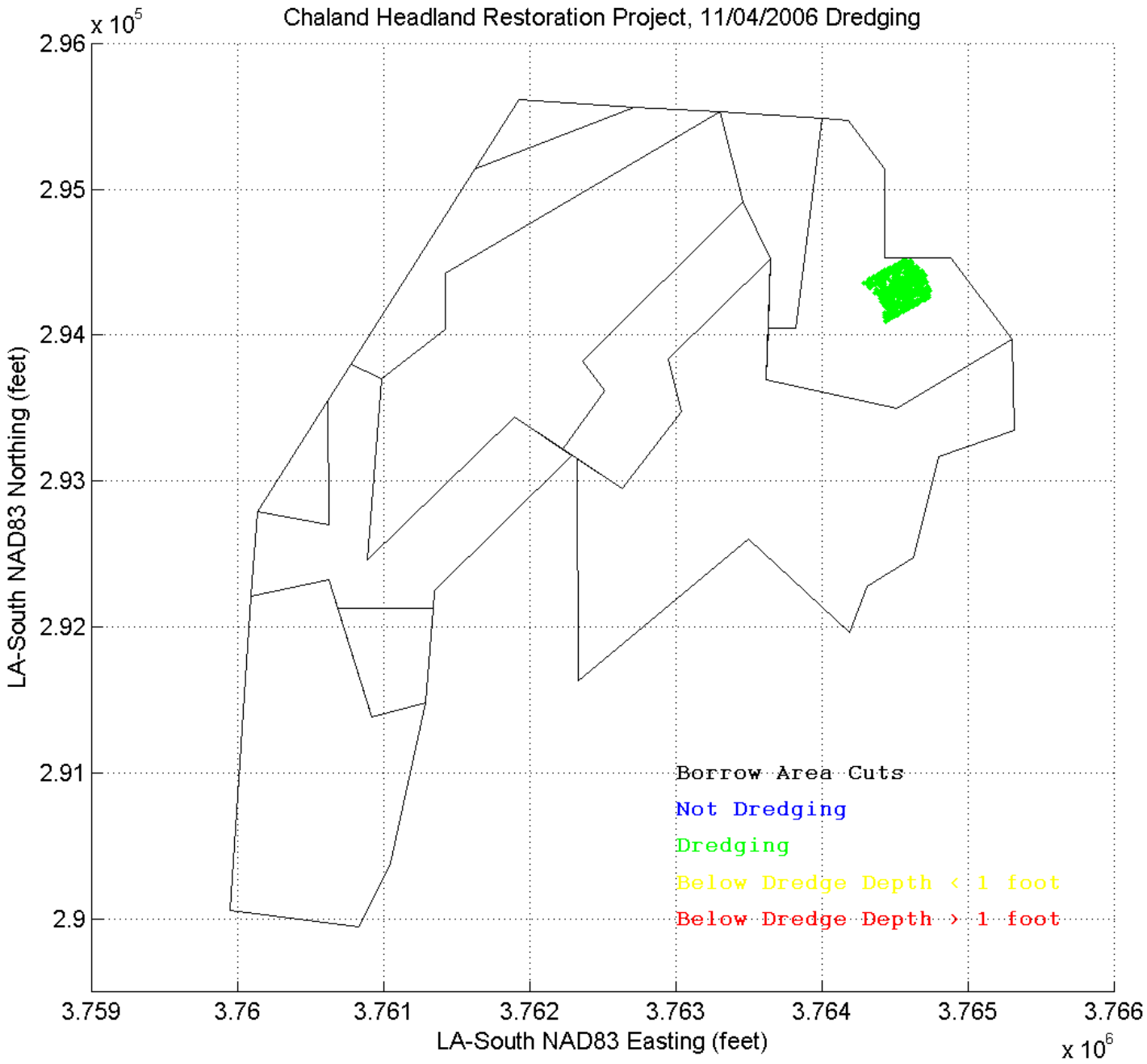
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

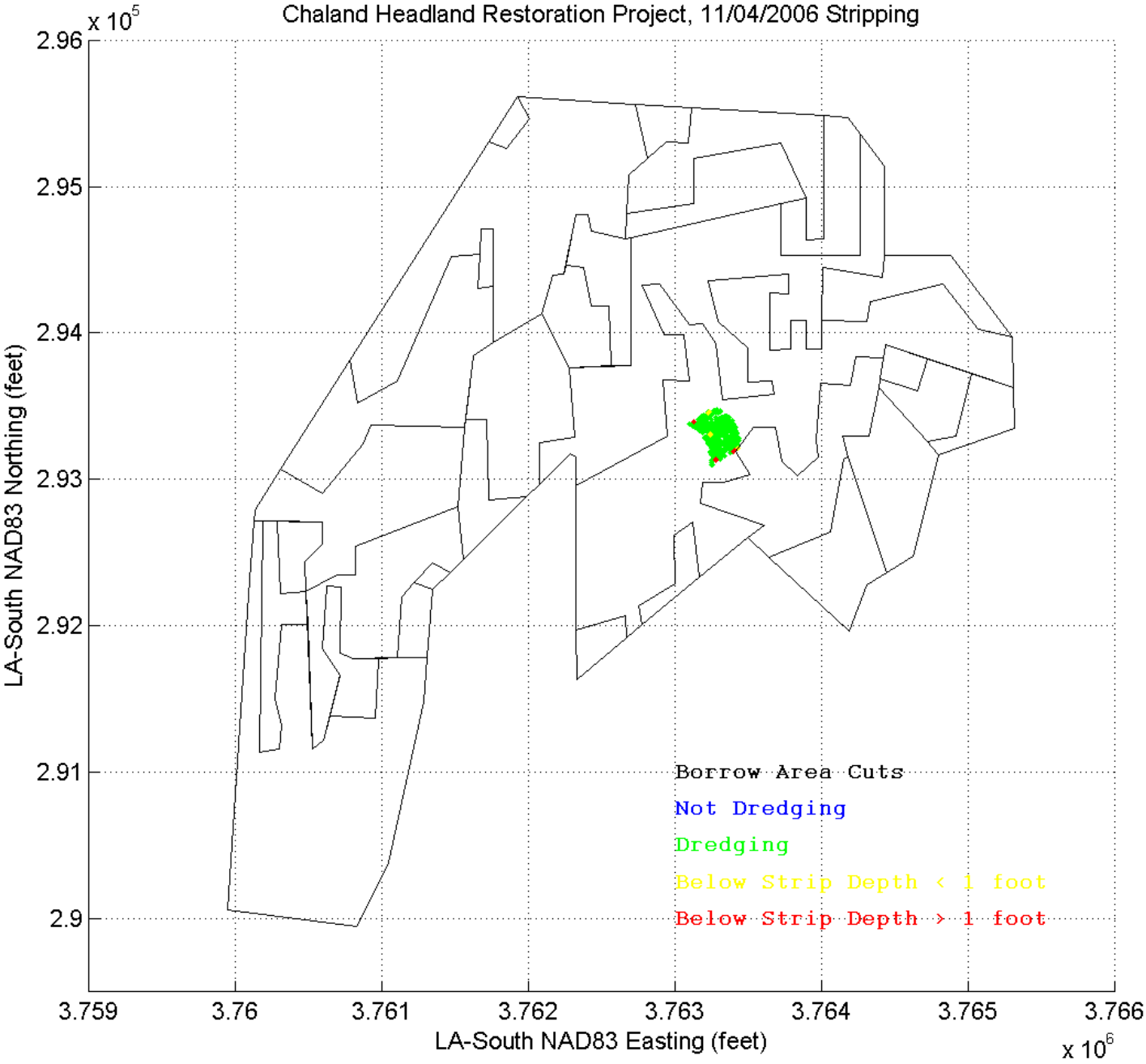
DATE: November 8, 2006 OBSERVATION REPORT NO: 228

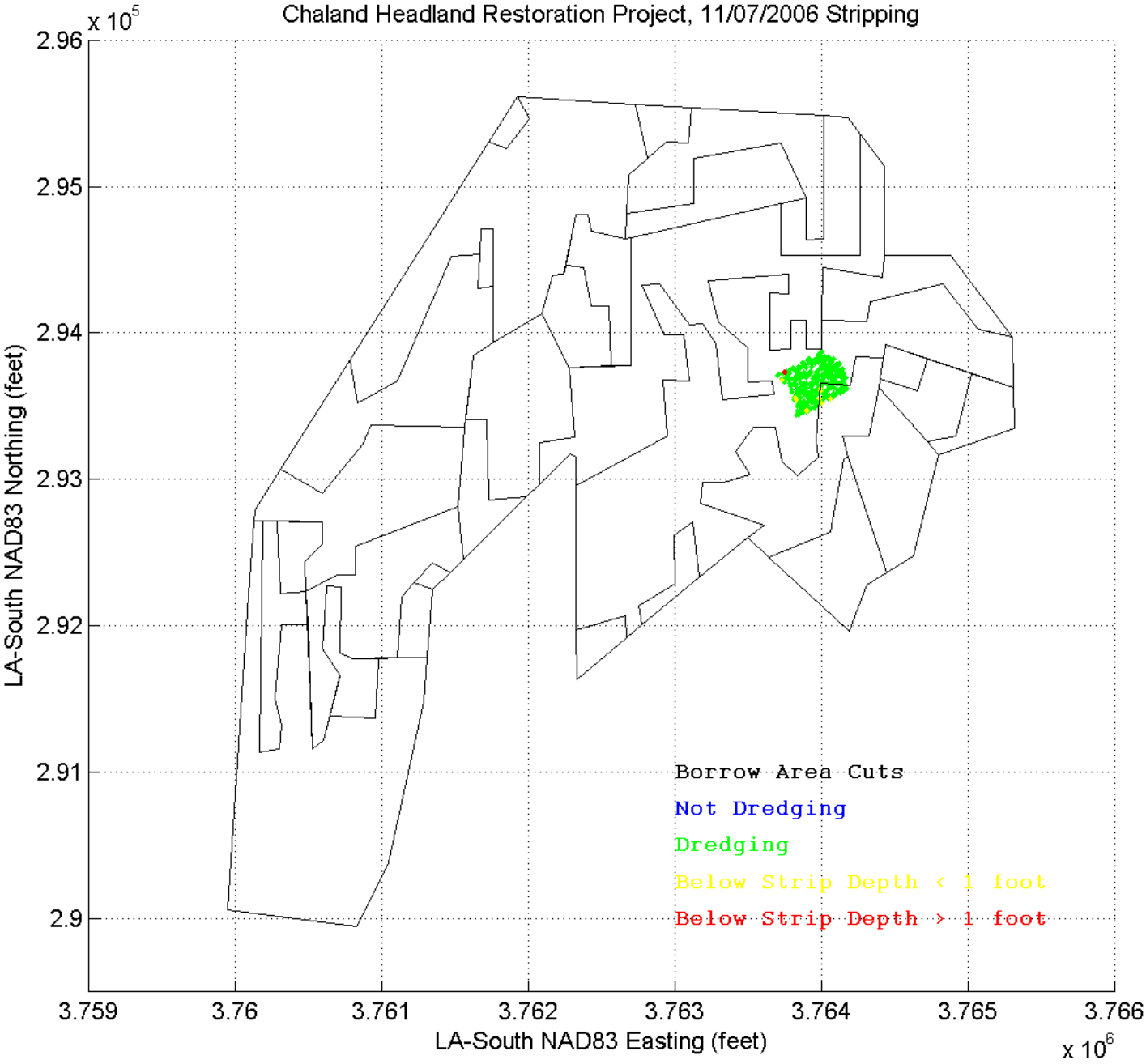
Erosion Control Services drilling holes in the beach near Station 80+00 for sand fence post installation.

North outfall located near Station 127+50 Range 1+00.

Gulf of Mexico wave conditions near Station 135+00.


Chaland Headland Restoration Project, 11/04/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/04/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot


Chaland Headland Restoration Project, 11/07/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 9, 2006 | OBSERVATION REPORT NO: 229
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 359
ARRIVAL TIME: 14:00 | DEPARTURE TIME: 17:15

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	75°-85° F
CONSTRUCTION ACTIVITY:	Beach Preparation
NORTH OUTFALL LOCATION:	Station 138+80
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 127+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 108+25
OTHER CONTAINMENT DIKE LOCATION:	Station 116+32
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 124+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 9, 2006 OBSERVATION REPORT NO: 229

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	Yes	
	Post location: South - between Station 78+75 and Station 87+13.		
	Fence location: South - between Station 65+85 and Station 78+75.		
	Fence location: North - between Station 67+02 and Station 84+10.		
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description 1: Marsh acceptance survey.		Discussion #2
	Description 2: Beach grade stake removal.		Discussion #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. The north shore pipe was moved from the beach near Station 127+50 Range 1+00 to the marsh creation area near Station 138+80 Range 0+70. The shore pipe extended between Station 127+50 Range 1+00 and Station 137+70 Range 2+00. Near Station 137+70 Range 2+00 the shore pipe turned sharply north and extended to Station 138+80 Range 0+70.

3. A bulldozer worked the containment dikes surrounding the south outfall near Station 99+70.

4. A bulldozer graded the north slope of the dune near Station 106+64.

5. a) Operating equipment inconsistencies were observed within the 11/8 WMI Daily Quality Control Report (DQCR). Item #3, equipment data, lists ECS equipment as operable while item #1, work performed, states that ECS was constructing both north and south sand fences.

   b) Formatting issues were observed in the 11/8 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

   c) The xyz swing data submitted for 11/8 was corrupted between 11:48 and 12:45.

6. On 11/8 the Tom James cutterhead excavated below the required strip depth between 2:36 and 6:41. During this 4 hour and 5 minute interval the Tom James excavated an average of approximately 0.9 feet and a maximum of approximately 4.5 feet below the required strip depth. Excluding this occasion the Tom James cutterhead excavated below the required strip depth for less than 3 minutes on several occasions. The Tom James excavated an average of approximately 0.6 feet and a maximum of approximately 1.9 feet below the required strip depth.

7. Berm widths were not measured as the template has not been filled east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James stripped overburden and sidecast the stripped material within the horizontal limits of the borrow area.

DATE: November 9, 2006 OBSERVATION REPORT NO: 229

2. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that a marsh acceptance survey was conducted with the assistance of an airboat between Station 55+82 and Station 75+18. Tom said that the WMI survey crew removed all beach grade stakes between Station 76+00 and Station 96+00.

3. I spoke with Paul Stewart (WMI) about planned fill operations. Paul stated that WMI is waiting on the redesign of the east end. Paul said that as soon as the redesign is submitted the east end can be prepared to permit marsh creation in the final cell. Paul stated that the final cell of marsh fill should take approximately 2 to 3 days to fill. Paul said that WMI wants to complete this operation as soon as possible as the marsh fill needs to settle for 30 days prior to conducting a marsh acceptance survey on the fill section. Paul stated that this is time critical as he anticipates beach fill operations will be complete in approximately 40 to 50 days.

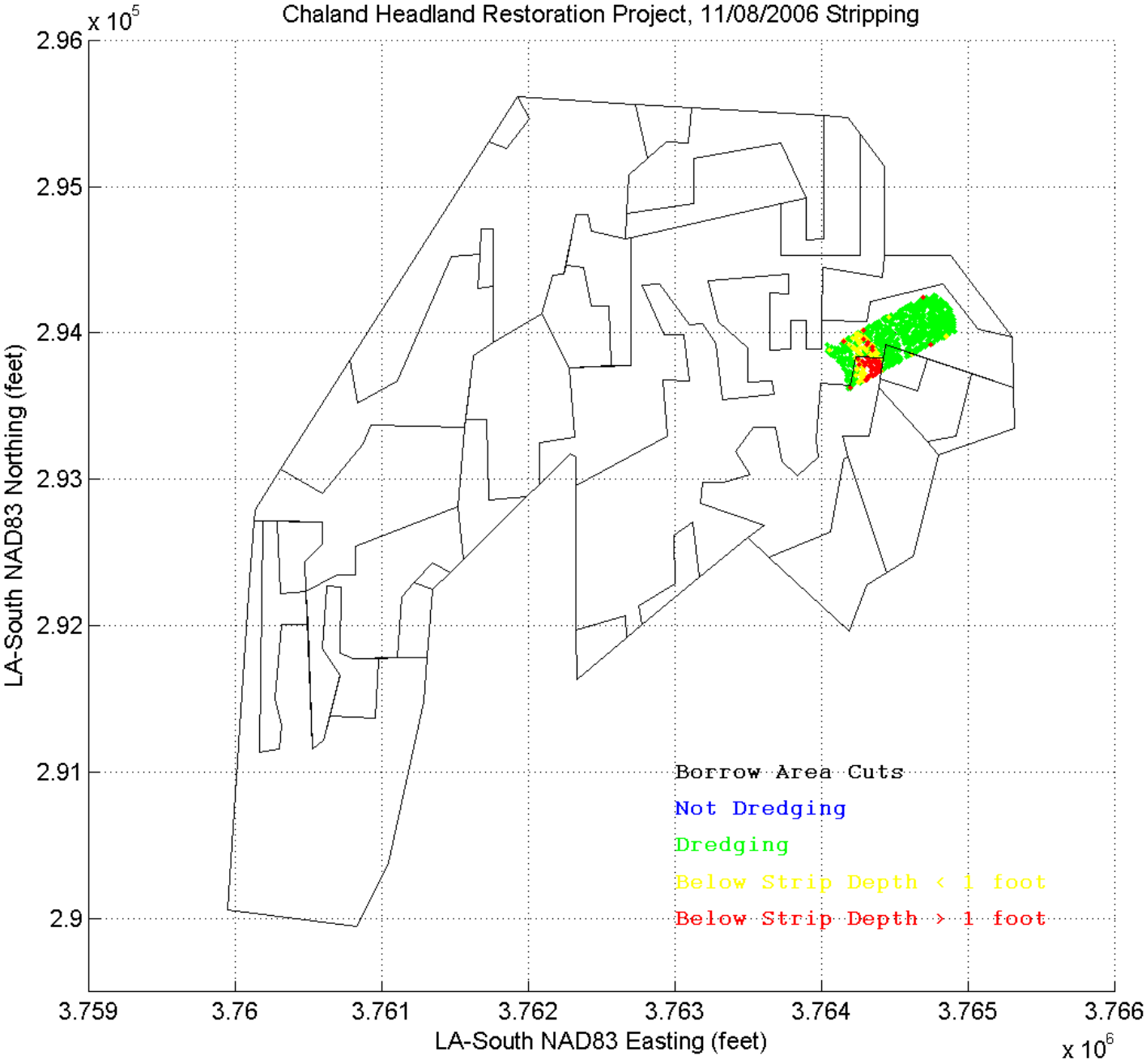
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Bulldozer enhancing the containment dikes around the south outfall near Station 99+70.

Bulldozer grading the north slope of the dune near Station 106+64.

Gulf of Mexico wave conditions near Station 135+68.


Chaland Headland Restoration Project, 11/08/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 10, 2006 | OBSERVATION REPORT NO: 230
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 360
ARRIVAL TIME: 12:15 DEPARTURE TIME: 16:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	SE 5-10 mph
TEMPERATURE:	75°-85° F
CONSTRUCTION ACTIVITY:	Beach Preparation
NORTH OUTFALL LOCATION:	Station 138+80
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 108+25
SOUTH CONTAINMENT DIKE LOCATION:	Station 108+25
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 124+40

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	Yes	
	Location: Near Station 140+51 between the project baseline and Range 1+00.		Observation #2
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Overburden Removal		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	Yes	Observation #5
	Location 1: CH082, Sta. 93+70 Ra. 0+60 (N 29.30977° W 89.75575°) @ 4', 13:12		
	Location 2: CH083, Sta. 93+70 Ra. 0+60 (N 29.30977° W 89.75575°) @ 2', 13:12		
	Location 3: CH084, Sta. 93+70 Ra. 0+60 (N 29.30977° W 89.75575°) @ 0', 13:12		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 10, 2006 OBSERVATION REPORT NO: 230

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	No
	Location:	
25.	Is an acceptance survey for a completed section being conducted today?	No
	Location:	
26.	Are sand fencing operations being conducted?	Yes
	Post location: South - between Station 87+13 and Station 96+04.	
	Post location: North - between Station 84+10 and Station 96+65.	
	Fence location: South - between Station 78+75 and Station 96+04.	
	Fence location: North - between Station 84+10 and Station 96+65.	
27.	Is fencing being installed within 7 days of fill placement acceptance?	Yes

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today?	No
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. See discussion item #1.

2. A bulldozer pushed sand from the existing beach near Station 140+51 Range 2+00 north toward the Tennessee Oil and Gas access canal near Station 140+51 Range 0+00. A marsh buggy used the sand provided by the bulldozer to construct the primary dike that crosses the Tennessee Oil and Gas access canal near Station 140+51. The crest elevation of the primary dike constructed at this location was approximately 4 feet NAVD. See discussion item #2.

3. The Y-Valve located near Station 86+50 Range 1+30 was removed. A single line of shore pipe extended along the northern extent of the dune crest from Station 29+20 to the Y-Valve located near Station 91+30 Range 0+60. The Y-Valve located near Station 91+30 Range 0+60 split the north and south outfalls. The north outfall was located near Station 138+80 Range 0+70 and the south outfall was located near Station 99+70 Range 1+50.

4. A bulldozer increased the crest elevation of the north containment dike near Station 106+64. The crest elevation of the north containment dike was approximately 9 feet NAVD between Station 100+00 and Station 106+64.

5. Sand samples CH082, CH083, and CH084 were taken near Station 93+70 Range 0+60 (N 29.30977° W 89.75575°) at depths of 4 feet, 2 feet, and 0 feet respectively. These sand samples were collected from the toro post auger bit after drilling a hole to facilitate installation of a sand fence post at this location. The Munsell colors of the representative sand samples taken at this location were 5Y-4/1 (Dark Gray), 5Y-4/1 (Dark Gray), and 5Y-5/2 (Olive Gray). All sand samples collected at this location had an approximate grain size of 0.1 mm.

6. a) Operating equipment inconsistencies were observed within the 11/9 WMI Daily Quality Control Report (DQCR). Item #3, equipment data, lists ECS equipment as operable while item #1, work performed, states that ECS was constructing both north and south sand fences.

   b) Formatting issues were observed in the 11/9 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

   c) Formatting issues were observed in the 11/9 WMI Daily Dredge Report (DDR). The text was cut short in the remarks section at the end of the DDR.

DATE: November 10, 2006 OBSERVATION REPORT NO: 230

7. On 11/9 the Tom James cutterhead excavated below the required strip depth for less than 1 minute 6 times. The Tom James excavated an average of approximately 1.4 feet and a maximum of approximately 3.5 feet below the required strip depth.

8. Berm widths were not measured as the template has not been filled east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James stripped overburden and sidecast the stripped material within the horizontal limits of the borrow area.

2. I spoke with Jason Manthey (NOAA) about the primary dike construction near Station 140+51 between the project baseline and Range 1+00. Jason stated that he spoke with Paul Stewart (WMI) about construction of the primary dike at this location. Jason said that he informed Paul that construction of the primary dike at this location is presently outside the scope of work.

3. I spoke with Paul Stewart (WMI) and Tom Newman (WMI) about the beach template proposed revisions submitted to WMI on 11/9. Tom stated that the ranges specified between Station 101+80 and Station 130+84 did not align with the ranges used in the WMI beach template. I spoke with Gordon Thomson (CPE) about the project redesign. Gordon stated that the 11/9 redesign has been proposed for WMI to consider and there has been no confirmation that WMI will accept the changes. Gordon said that the redesign and template changes start at Station 130+84. I informed Paul and Tom that the template ranges specified on the 10/3 slope adjustment will remain unchanged on the project redesign west of Station 130+84.

4. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew checked grade and replaced as necessary on the beach between Station 99+24 and Station 103+00. Tom said that the grade stakes removed from the beach between Station 67+91 and Station 96+96 were brought from the beach to the dumpster on the barge.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Bulldozer moving sand from the beach toward the Tennessee Oil and Gas access canal near Station 140+51.

Marsh buggy extending the primary dike across the Tennessee Oil and Gas access canal near Station 140+51.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

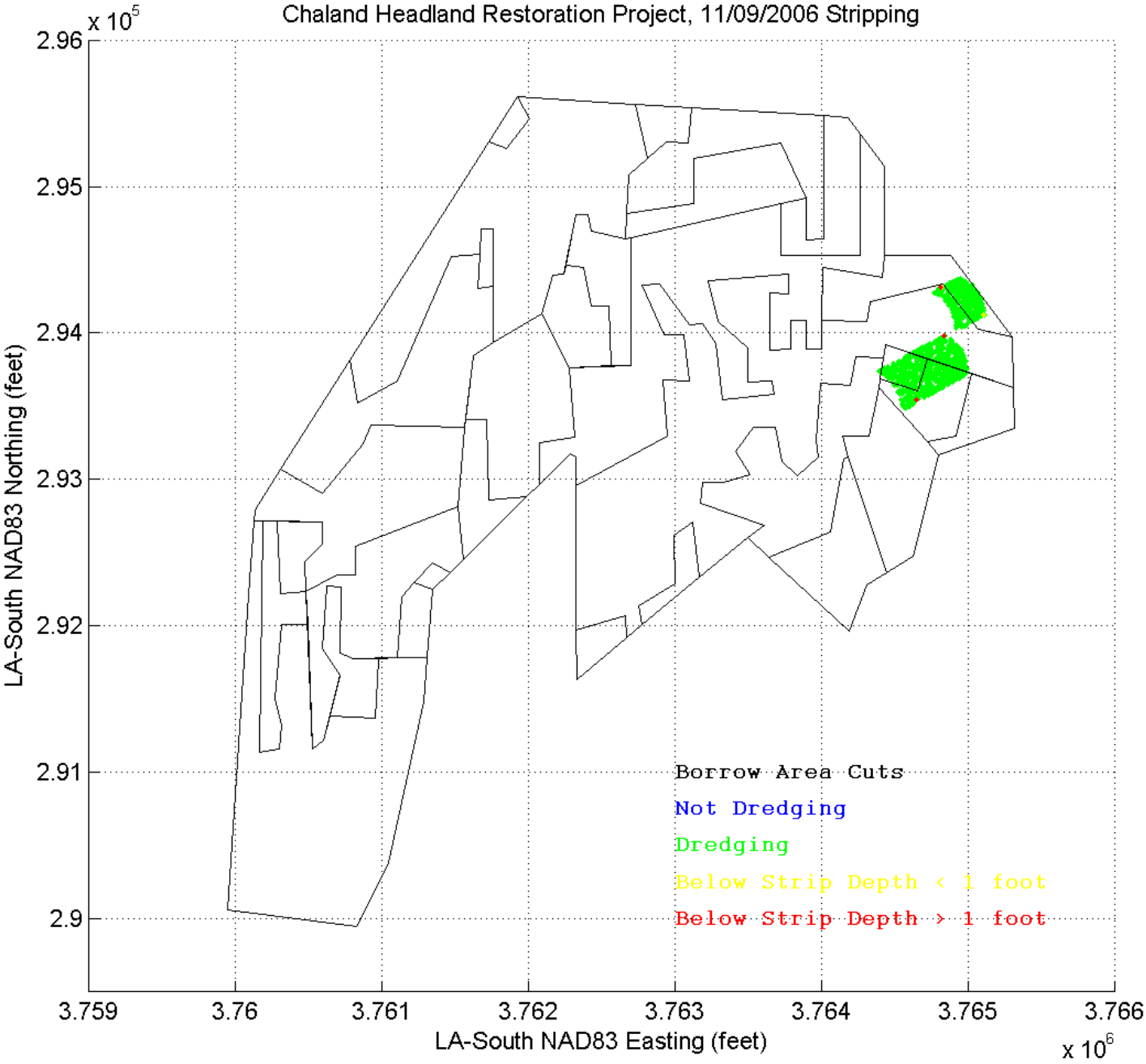
DATE: November 10, 2006 OBSERVATION REPORT NO: 230

Erosion Control Services drilling holes in the beach near Station 91+30 for sand fence post installation.

Erosion Control Services installing sand fence near Station 80+00.

Bulldozer increasing the crest elevation of the north containment dike near Station 106+64.

Gulf of Mexico wave conditions near Station 140+51.


Chaland Headland Restoration Project, 11/09/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 11, 2006 | OBSERVATION REPORT NO: 231
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 361
ARRIVAL TIME: 14:45 DEPARTURE TIME: 17:15

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	N 15-20 mph
TEMPERATURE:	55°-65° F
CONSTRUCTION ACTIVITY:	Marsh Fill (Day), Beach Fill (Night)
NORTH OUTFALL LOCATION:	Station 138+80
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 108+25
SOUTH CONTAINMENT DIKE LOCATION:	Station 108+25
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Observation #2
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach - between Station 108+00 and Station 123+00.		Discussion #4

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Marsh Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	Observation #3
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Discussion #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation #7
	Location:		
20.	Has a discharge sample been collected?	No	Observation #7
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 11, 2006 OBSERVATION REPORT NO: 231

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Overburden was discharged to the marsh creation area through the north outfall. The north outfall was located near Station 138+80 Range 0+70 and pointed northeast. No particular flow direction of the discharge material was observed. The elevation of the marsh fill remained below the design grade but could not be determined as the fill remained below the surface of the water. See discussion item #1.

2. The as-built drawings maintained on the Quarters Barge were incomplete. The navigation sign used to mark the canal closure near Station 57+20 was not included in the as-built drawings. The installed sand fence and settlement plates were not included in the as-built drawings. The canal closures completed between Station 53+40 and Station 58+23 and between Station 124+40 and Station 126+00 were not identified in the as-built drawings. The southern extension of the primary dike along Station 140+51 was not included in the as-built drawings. Additionally, placed beach and marsh fill was not included in the as-built drawings. See discussion item #2.

3. A dredge buoy was observed on the beach near Station 28+00.

4. The geotextile fabric was removed from the marsh creation area near Station 9+84 Range -9+00 and was brought to the barge.

5. a) Operating equipment inconsistencies were observed within the 11/10 WMI Daily Quality Control Report (DQCR). Item #3, equipment data, lists ECS equipment as operable while item #1, work performed, states that ECS was constructing both north and south sand fences.

   b) Formatting issues were observed in the 11/10 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

6. On 11/10 the Tom James cutterhead excavated below the required strip depth for less than 5 minutes on several occasions. The Tom James excavated an average of approximately 1.4 feet and a maximum of approximately 3.8 feet below the required strip depth.

7. Sand and discharge samples were not collected as beach fill operations occurred at night. See discussion item #1.

8. Berm widths were not measured as the template has not been filled east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that overburden will be discharged to the marsh creation area during the day and sand will be discharged to the beach at night. Paul said that this operation will continue until marsh creation is complete.

DATE: November 11, 2006 OBSERVATION REPORT NO: 231

2. I spoke with Paul Stewart (WMI) about the as-built drawings. Paul stated that he spoke with Gary Johnson (WMI) about the as-built drawings. Paul said that he was informed that the placed beach and marsh fill will not be included in the set of as-built drawings but the accepted profile plots will be compiled in a binder to be considered as the as-built drawings for the placed beach and marsh fill. I informed Paul of the additional items missing from the as-built drawings. Paul stated that he would inform Gary about the items missing from the as-built drawings.

3. I spoke with Paul Stewart (WMI) about the 10/19 bi-weekly meeting minutes. Paul stated that he will complete the meeting minutes by the end of the weekend and distribute via email.
.

4. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew checked the beach grade stakes and replaced as necessary between Station 108+00 and Station 123+00. Tom said that marsh grade stakes were removed between Station 38+88 and Station 53+40. Tom stated that the installed sand fence was surveyed between Station 8+00 and Station 16+00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

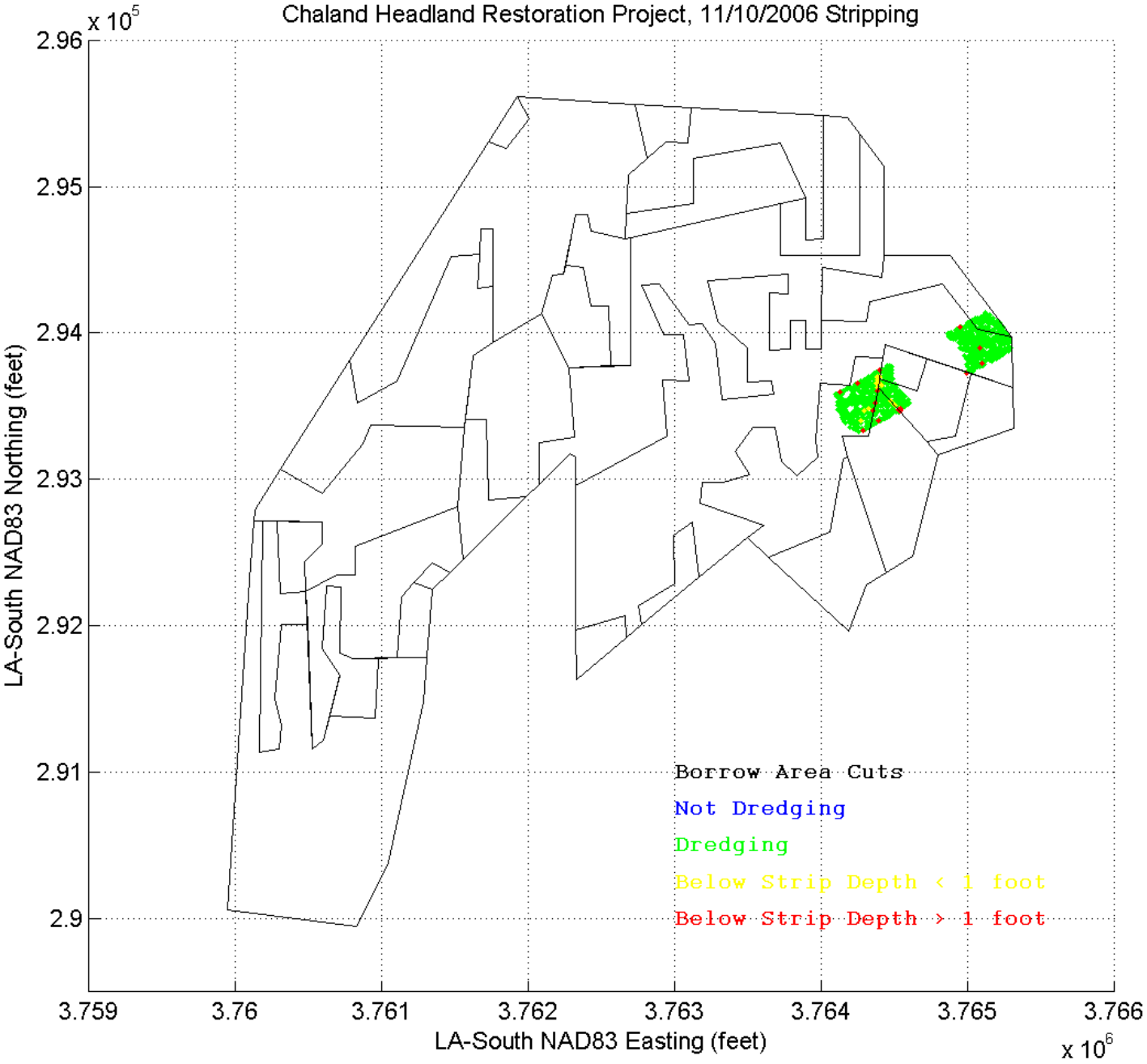
1. No.

Looking west-northwest from Station 138+80 Range 0+70.

Looking northeast from Station 138+80 Range 0+70.

Looking east-northeast from Station 138+80 Range 0+70.

Dredge buoy observed on the beach near Station 28+00.


Chaland Headland Restoration Project, 11/10/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 12, 2006 | OBSERVATION REPORT NO: 232
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 362
ARRIVAL TIME: 14:00 DEPARTURE TIME: 17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	NE 0-5 mph
TEMPERATURE:	55°-65° F
CONSTRUCTION ACTIVITY:	Marsh Fill (Day), Beach Fill (Night)
NORTH OUTFALL LOCATION:	Station 138+80
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 117+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 117+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Observation #8
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #6
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	Observation #11

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach - between Station 120+00 and Station 121+00.		Discussion #3

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #3

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	Observation #9
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #4
	Location: CH085, Sta. 100+10 Ra. 2+30 (N 29.30908° W 89.75382°), 15:30		
20.	Has a discharge sample been collected?	Yes	Observation #5
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #10
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 12, 2006 OBSERVATION REPORT NO: 232

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Discussion #1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the south outfall using a 90° dredge pipe elbow that was pointed upwards. The south outfall was located near Station 99+70 Range 1+50 and pointed east. The slurry from the south outfall flowed east to the end of the south containment dike near Station 117+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of the south containment dike. The north outfall was located in the marsh creation area near Station 138+80 Range 0+70. See discussion item #1.

2. The north containment dike extended along the northern extent of the dune crest between Station 100+00 and Station 117+00 and had a crest elevation of approximately 8 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 99+00 and Station 117+00 and had a crest elevation of approximately 7 feet NAVD.

3. The crest elevation of primary dike located along Station 140+51 was approximately 3 feet NAVD near the project baseline on the north side of the Tennessee Oil and Gas access canal. Sand bags were used to prevent the marsh fill from flowing east into the access canal at this location. See discussion item #2.

4. Sand sample CH085 was taken near Station 100+10 Range 2+30 (N 29.30908° W 89.75382°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

5. A sample of the discharge from the south outfall was taken at 15:25 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1-hour marks. After settling for 15 minutes the air/water interface was near the 1000 mL level, the water/silt interface was near the 900 mL level, and the silt/sand interface was near the 100 mL level. After settling for 1 hour the air/water interface was near the 1000 mL level, the water/silt interface was near the 400 mL level, and the silt/sand interface was near the 100 mL level.

6. a) Operating equipment inconsistencies were observed within the 11/11 WMI Daily Quality Control Report (DQCR). Item #3, equipment data, lists ECS equipment as operable while item #1, work performed, states that ECS was constructing both north and south sand fences.

   b) Formatting issues were observed in the 11/11 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

   c) Formatting issues were observed in the 11/11 WMI Daily Dredge Report (DDR). The text was cut short in the Leverman's log remarks section at the end of the DDR.

   d) The xyz swing data submitted for 11/11 was corrupted between 22:52 and 23:44. The Tom James was down for to engine room work on the #12 cylinder thermal coupling during this interval.

7. On 11/11 the Tom James cutterhead excavated below the required strip depth for less than 3 minutes on several occasions. The Tom James excavated an average of approximately 0.7 feet and a maximum of approximately 5.0 feet below the required strip depth.

8. The as-built drawings maintained on the Quarters Barge were incomplete. The navigation sign used to mark the canal closure near Station 57+20 was not included in the as-built drawings. The installed sand fence and settlement plates were not included in the as-built drawings. The canal closures completed between Station 53+40 and Station 58+23 and between Station 124+40 and Station 126+00 were not identified in the as-built drawings. The southern extension of the primary dike along Station 140+51 was not included in the as-built drawings. Additionally, placed beach and marsh fill was not included in the as-built drawings.

9. A dredge buoy was observed on the beach near Station 28+00.

10. Berm widths were not measured as the template has not been filled east of Station 99+00.

11. Photographs were taken while visiting the project site. After changing the batteries, formatting problems were encountered. The pictures taken were deleted when the camera was reformatted.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that overburden was discharged to the marsh creation area early in the day but was stopped as the material started stacking. Paul said that marsh creation operations need to be conducted in 3 to 6 hour intervals to allow the water to drain and the material to settle. Paul stated that while the marsh creation area dewaters and the fill settles sand will be discharged to the beach. Paul said that this operation will continue until marsh creation is complete.

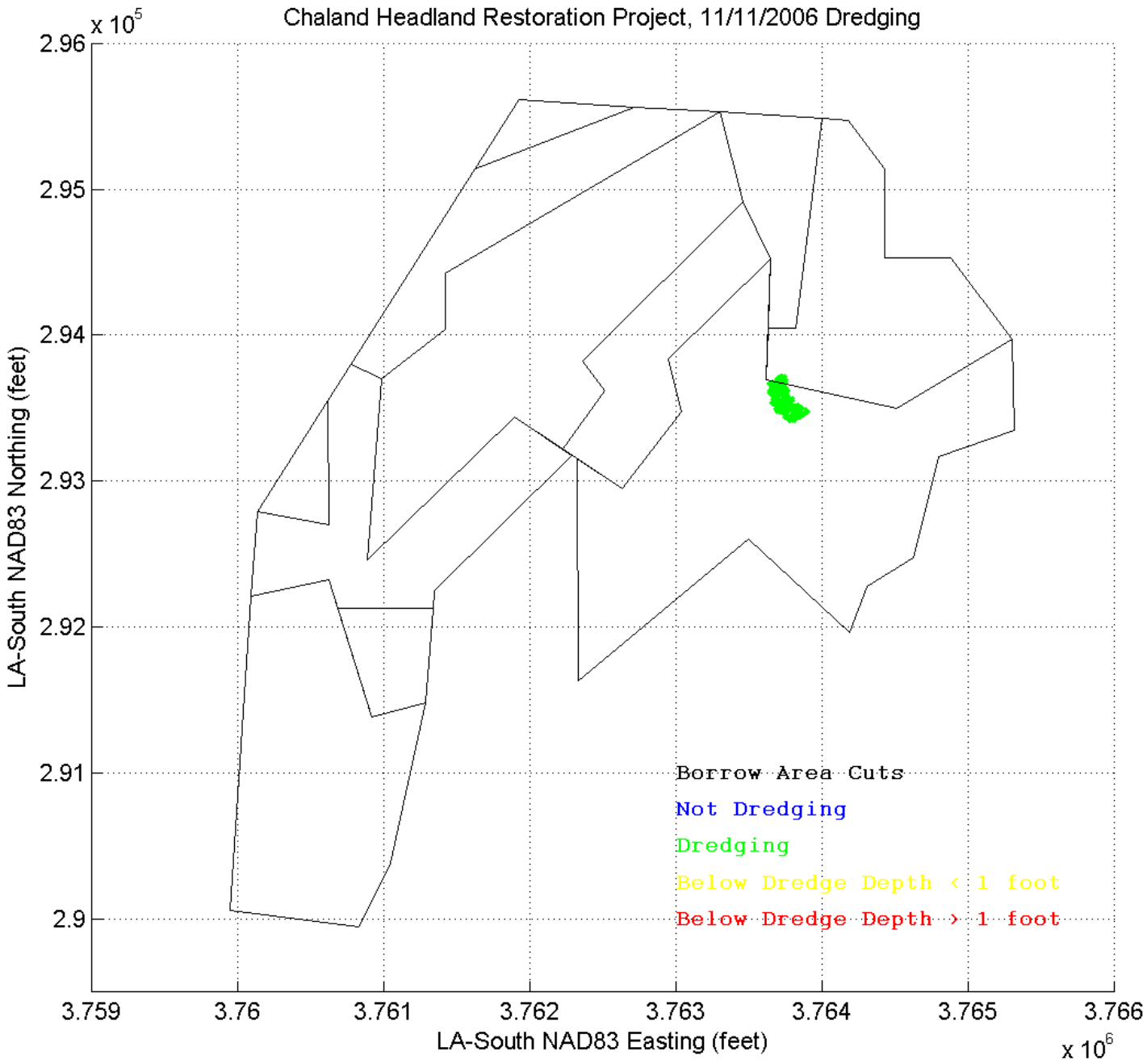
2. I spoke with Paul Stewart (WMI) about the primary dike deficiency along Station 140+51 near the project baseline. Paul stated that he did not want to place heavy equipment over pipelines while constructing the primary dike at this location. Paul said that the primary dike was built from both the north and the south leaving a gap of approximately 20 feet which could not be filled by the equipment. Paul stated that sand bags were used to build up the low elevation of the primary dike to prevent the marsh fill from flowing into the Tennessee Oil and Gas access canal.

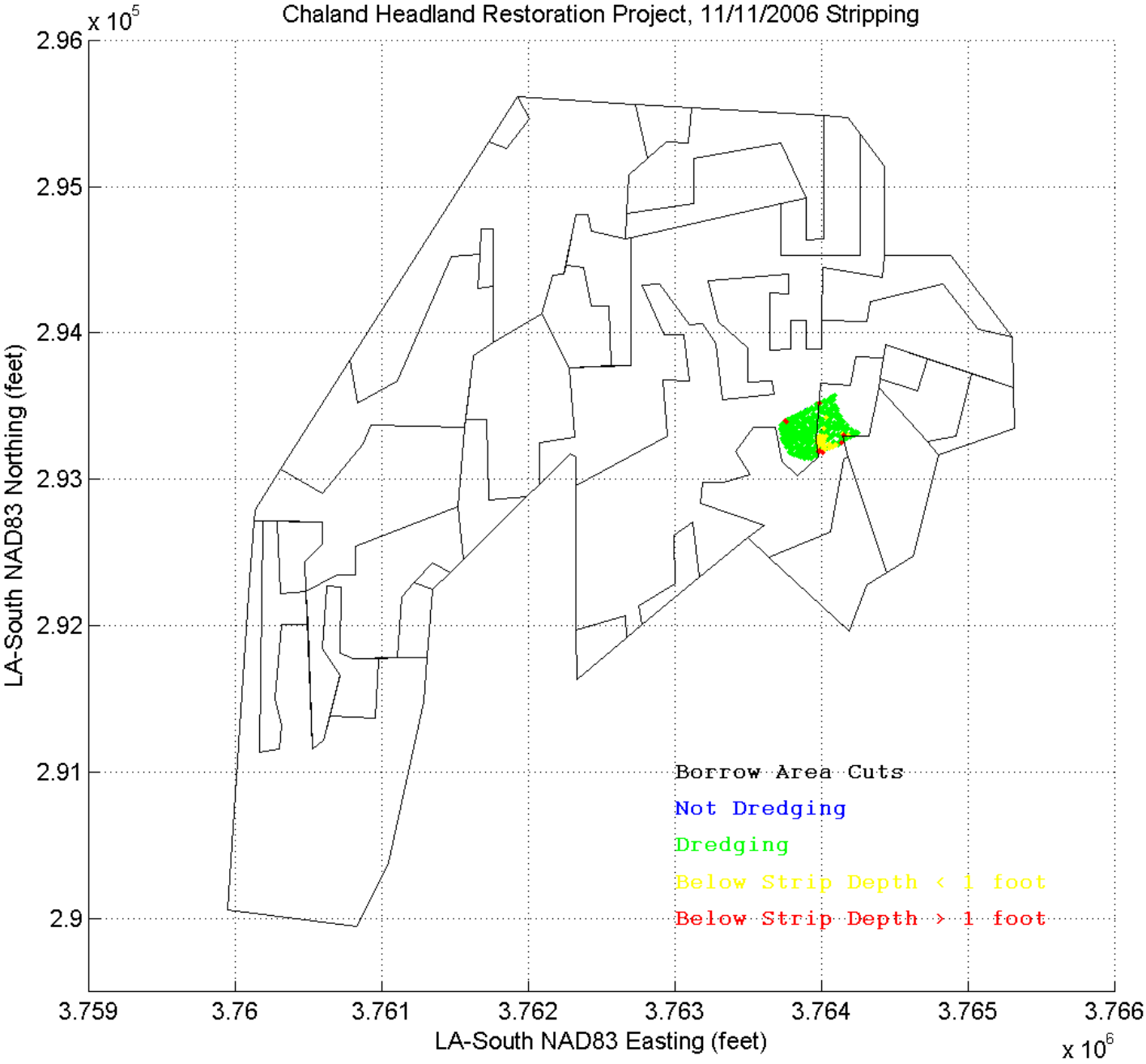
3. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew checked grade on the beach and replaced as necessary between Station 120+00 and Station 121+00. Tom said that check surveys of the placed beach fill were conducted between Station 98+00 and Station 120+00. Tom stated that the installed sand fence was surveyed between Station 67+00 and Station 96+00.

4. I spoke with Paul Stewart (WMI) about the creation of the east end of the island. Paul stated that the beach fill runs for approximately 2000 feet and he feels that it will not be possible to contain the fill to build the beach to the design elevation near Station 140+51 without material entering Chaland Pass. Paul said that he believes similar problems will be experienced on the east end of the project as were experienced on the west end of the project.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.


Chaland Headland Restoration Project, 11/11/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/11/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 13, 2006 | OBSERVATION REPORT NO: 233
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 363
ARRIVAL TIME: 16:45 DEPARTURE TIME: 17:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	NE 0-5 mph
TEMPERATURE:	60°-70° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 99+90
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 123+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 123+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Observation #6
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #4
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	No	Observation #8

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach - between Station 122+00 and Station 128+00.		Discussion #3

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation #3
	Location:		
20.	Has a discharge sample been collected?	No	Observation #3
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 13, 2006 OBSERVATION REPORT NO: 233

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 99+90 Range 0+80 and pointed east. The south outfall was located near Station 99+70 Range 1+50 and pointed east. The slurry from the north and south outfalls flowed east to the end of the south containment dike near Station 123+00 where it entered the Gulf of Mexico. Localized turbidity plumes were not observed as the observation was made near Station 100+00. See discussion item #2.

2. The north containment dike extended along the northern extent of the dune crest between Station 100+00 and Station 123+00 and had a crest elevation of approximately 8 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 99+00 and Station 123+00 and had a crest elevation of approximately 7 feet NAVD. See discussion item #2.

3. Sand and discharge samples were not collected as the observation was conducted at sunset.

4. a) Operating equipment inconsistencies were observed within the 11/12 WMI Daily Quality Control Report (DQCR). Item #3, equipment data, lists ECS equipment as operable while item #1, work performed, states that ECS was constructing both north and south sand fences.

   b) Formatting issues were observed in the 11/12 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

5. On 11/12 the Tom James cutterhead excavated below the required strip depth for less than 10 minutes on several occasions. The Tom James excavated an average of approximately 0.2 feet and a maximum of approximately 1.3 feet below the required strip depth.

6. The as-built drawings maintained on the Quarters Barge were incomplete. The navigation sign used to mark the canal closure near Station 57+20 was not included in the as-built drawings. The installed sand fence and settlement plates were not included in the as-built drawings. The canal closures completed between Station 53+40 and Station 58+23 and between Station 124+40 and Station 126+00 were not identified in the as-built drawings. The southern extension of the primary dike along Station 140+51 was not included in the as-built drawings. Additionally, placed beach and marsh fill was not included in the as-built drawings.

7. Berm widths were not measured as the template has not been filled east of Station 99+00.

8. Photographs were not taken today due to the late time of the observation.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 13, 2006 OBSERVATION REPORT NO: 233

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

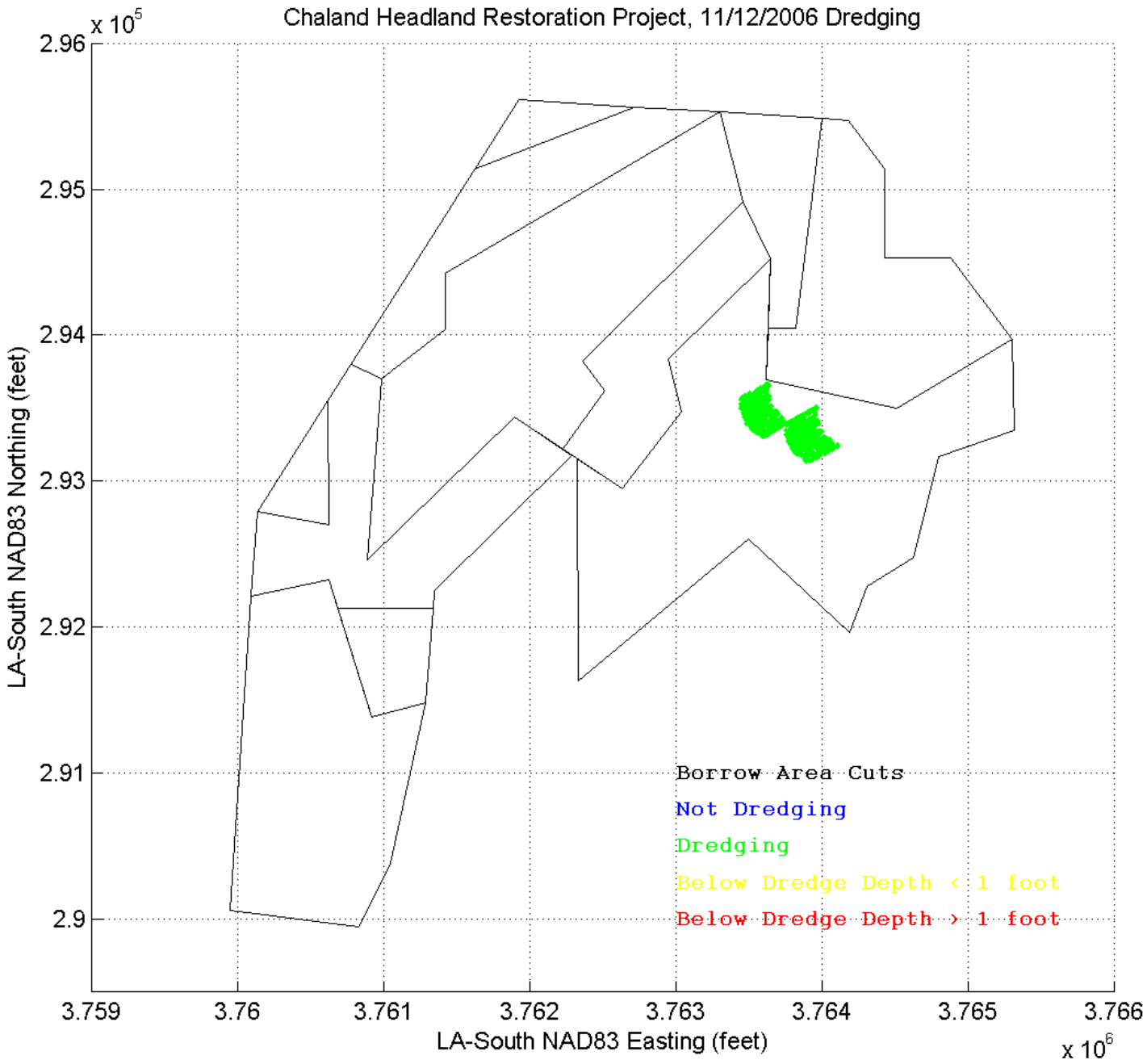
1. I spoke with Paul Stewart (WMI) about the staked beach. Paul provided a list of the staked Stations and Ranges. Differences were observed between the 10/3 slope adjustment template and what was staked. Paul stated that south crest of the dune was staked using a constant offset when the slope adjustment was issued.

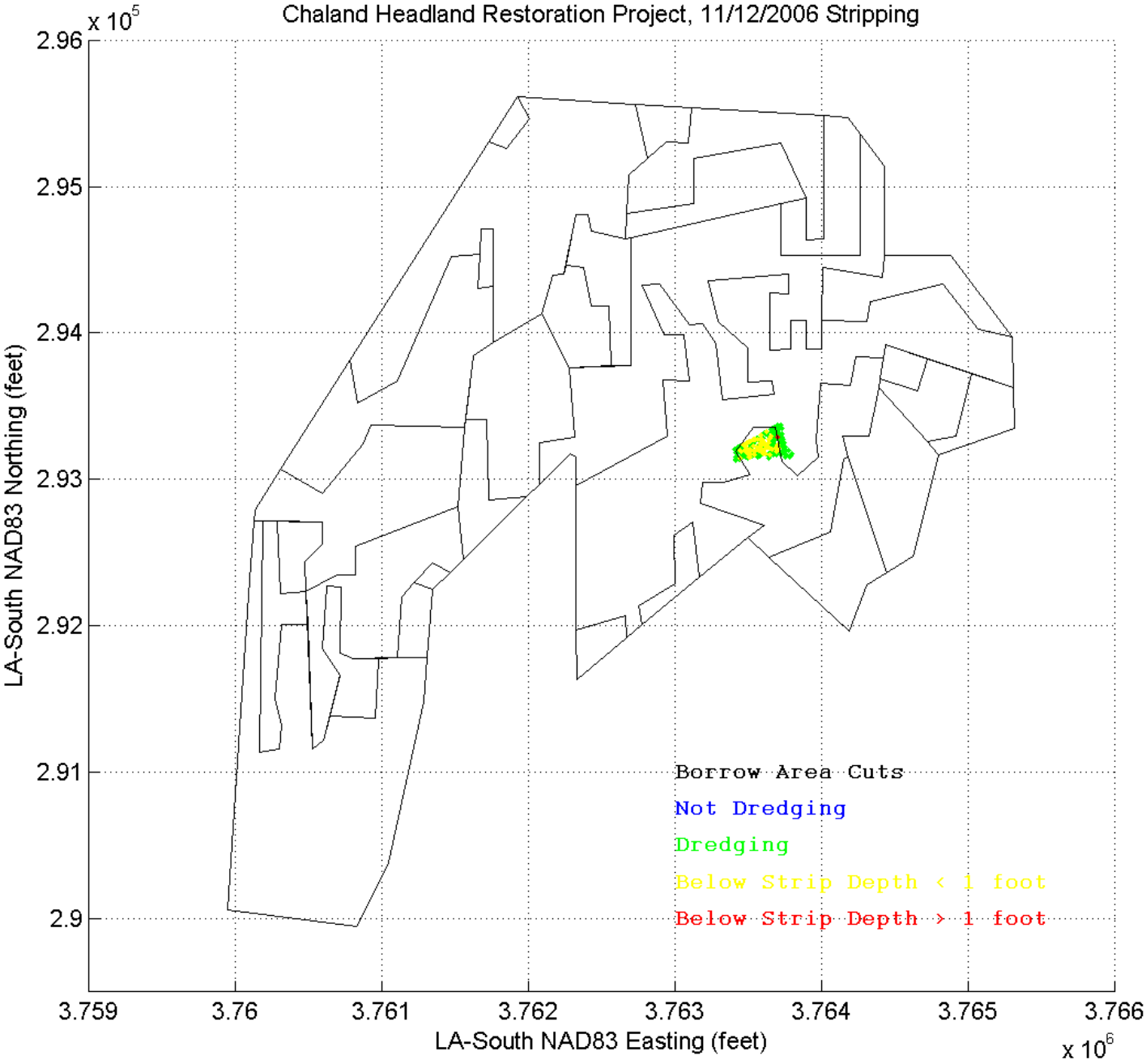
2. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that sand was pumped to the beach all day. Paul said that the containment dikes extend to Station 123+00.

3. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew checked grade on the beach and replaced as necessary between Station 122+00 and Station 128+00. Tom said that check surveys of the placed beach fill were conducted between Station 120+00 and Station 135+68. Tom stated that the sand fence alignment stakes were removed between Station 67+00 and Station 96+00..

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. I spoke with Gordon Thomson (CPE) about the difference between the 10/3 slope adjustment template offsets and what was staked on the beach. Gordon stated that he spoke with Jason Manthey (NOAA) about this item and a non-compliance notice will be issued. See discussion item #1.


Chaland Headland Restoration Project, 11/12/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/12/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 14, 2006 | OBSERVATION REPORT NO: 234
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 364
ARRIVAL TIME: 12:30 | DEPARTURE TIME: 15:00
16:00 | 17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	ENE 15-20 mph
TEMPERATURE:	65°-75° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 99+90
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 99+70
NORTH CONTAINMENT DIKE LOCATION:	Station 128+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 127+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Observation #10
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #4
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	Yes	Observation #1
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	Observation #5
	Location: CH086, Sta. 101+50 Ra. 2+80 (N 29.30888° W 89.75343°), 13:20		
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #9
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 14, 2006 OBSERVATION REPORT NO: 234

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the north and south outfalls using 90° dredge pipe elbows that were pointed upwards. The north outfall was located near Station 99+90 Range 0+80 and pointed east. The south outfall was located near Station 99+70 Range 1+50 and pointed east. The slurry from the north and south outfalls flowed east to the end of the south containment dike near Station 127+00 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of the south containment dike. See discussion item #1.

2. The north containment dike extended along the northern extent of the dune crest between Station 100+00 and Station 128+00 and had a crest elevation of approximately 8 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 99+00 and Station 127+00 and had a crest elevation of approximately 7 feet NAVD.

3. The marsh fill elevation near Station 138+80 could not be verified as the water level in the marsh creation area was above the upper tolerance marsh grade marker. See discussion item #2.

4. The crest elevation of primary dike located along Station 140+51 was approximately 3 feet NAVD near the project baseline on the north side of the Tennessee Oil and Gas access canal. Sand bags were used to prevent the marsh fill from flowing east into the access canal at this location.

5. Sand sample CH086 was taken near Station 101+50 Range 2+80 (N 29.30888° W 89.75343°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the north outfall was taken at 13:10 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1.5-hour marks. After settling for 15 minutes the air/water interface was near the 1000 mL level, the water/silt interface was near the 900 mL level, and the silt/sand interface was near the 300 mL level. After settling for 1.5 hours the air/water interface was near the 1000 mL level, the water/silt interface was near the 700 mL level, and the silt/sand interface was near the 250 mL level.

7. a) Operating equipment inconsistencies were observed within the 11/13 WMI Daily Quality Control Report (DQCR). Item #3, equipment data, lists ECS equipment as operable while item #1, work performed, states that ECS was constructing both north and south sand fences.

   b) Formatting issues were observed in the 11/13 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

8. On 11/13 the Tom James cutterhead excavated below the permitted cut depth for less than 2 minutes on 1 occasion. The Tom James excavated an average of approximately 0.2 feet and a maximum of approximately 0.2 feet below the permitted cut depth.

DATE: November 14, 2006 OBSERVATION REPORT NO: 234

9. Berm widths were not measured as the template has not been filled east of Station 99+00.

10. The as-built drawings maintained on the Quarters Barge were incomplete. The navigation sign used to mark the canal closure near Station 57+20 was not included in the as-built drawings. The installed sand fence and settlement plates were not included in the as-built drawings. The canal closures completed between Station 53+40 and Station 58+23 and between Station 124+40 and Station 126+00 were not identified in the as-built drawings. The southern extension of the primary dike along Station 140+51 was not included in the as-built drawings. Additionally, placed beach and marsh fill was not included in the as-built drawings.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James returned to Grand Isle this afternoon as the wind is switching directions and rough seas are anticipated. Paul said that the Tom James will likely return to the borrow area Thursday afternoon.

2. I spoke with Paul Stewart (WMI) about the fill elevation in the marsh creation area. Paul stated that WMI stopped pumping overburden to the marsh creation area because sand was available near the dredge. Paul said that he did not want to move the dredge to pump additional overburden to the marsh creation area when sand was directly available to pump to the beach.

3. I spoke with Kenneth Mahler (WMI) about the day's survey activities. Kenneth stated that the WMI survey crew worked on paper work and the fill templates in the survey office aboard the Quarters Barge all day.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

North outfall located near Station 99+90 Range 0+80.

South outfall located near Station 99+70 Range 1+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: November 14, 2006 OBSERVATION REPORT NO: 234

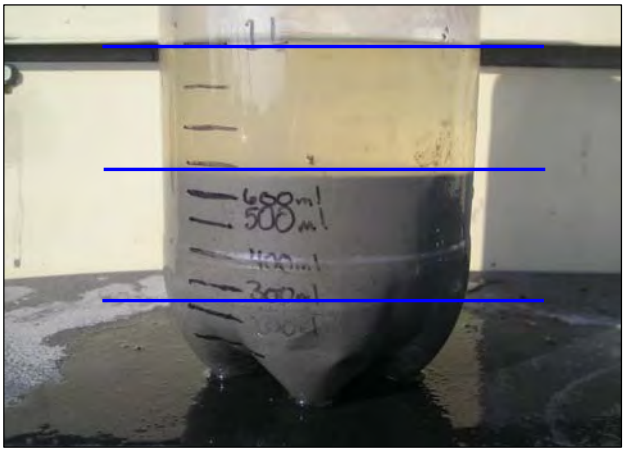
Looking west-northwest from Station 138+80 Range 0+70.

Looking northeast from Station 138+80 Range 0+70.

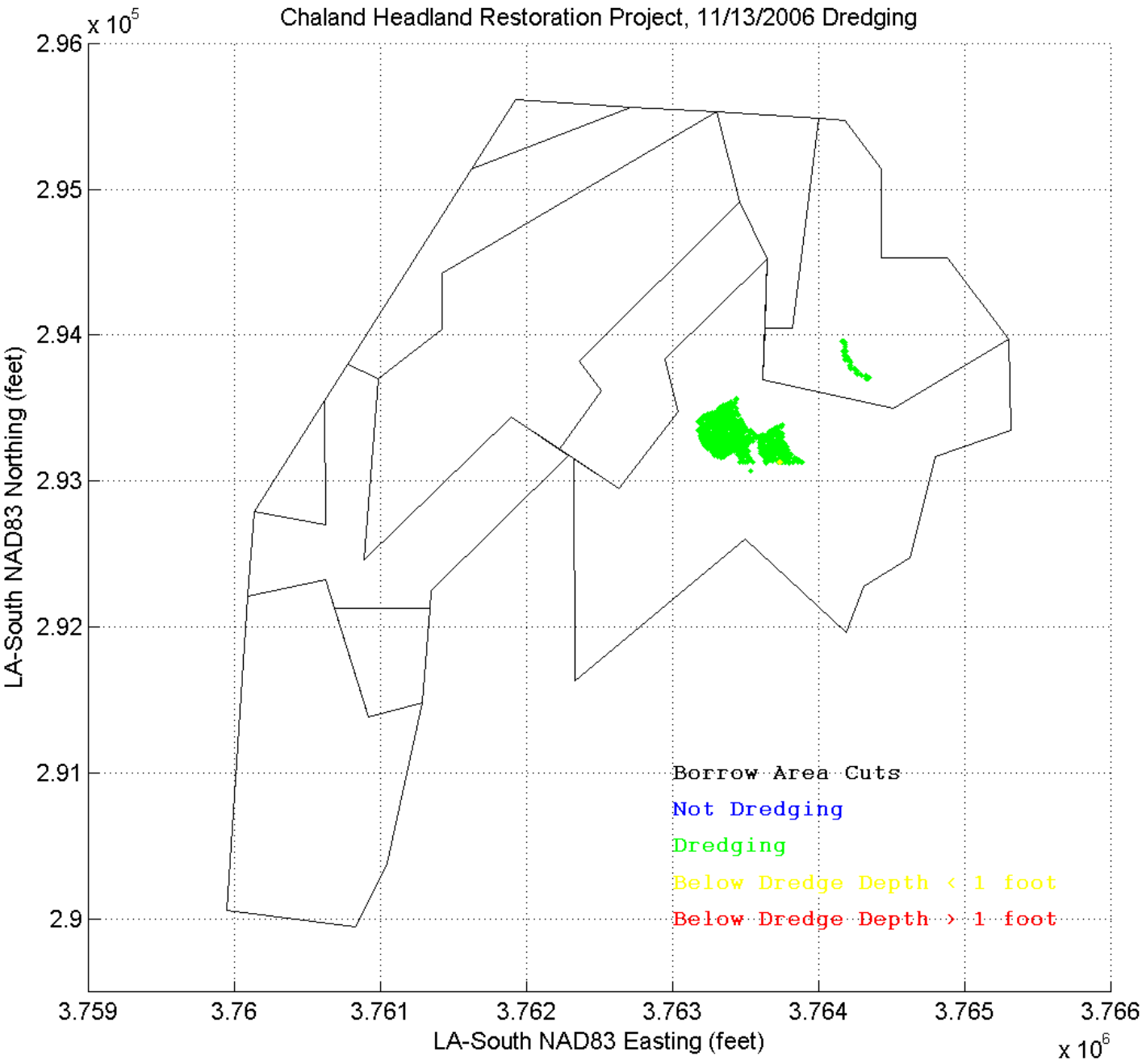
Looking east-northeast from Station 138+80 Range 0+70.

Gulf of Mexico wave conditions near Station 100+00.

Discharge sample after settling for 15 minutes. The blue lines show the air/water, water/silt, and silt/sand interfaces.



Discharge sample after settling for 1.5 hours. The blue lines show the air/water, water/silt, and silt/sand interfaces.


Chaland Headland Restoration Project, 11/13/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 15, 2006 | OBSERVATION REPORT NO: 235
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 365
ARRIVAL TIME: 14:45 DEPARTURE TIME: 16:30

WEATHER CONDITIONS:	Partly Cloudy, Rain
WAVE HEIGHT AND DIRECTION:	S 3'-4'
WIND SPEED AND DIRECTION:	WSW 25-35 mph
TEMPERATURE:	60°-70° F
CONSTRUCTION ACTIVITY:	N/A
NORTH OUTFALL LOCATION:	Station 102+00
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 101+10
NORTH CONTAINMENT DIKE LOCATION:	Station 128+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 127+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Observation #3
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #2
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	N/A	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	Observation #5

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	No	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	N/A	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #4
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 15, 2006 OBSERVATION REPORT NO: 235

25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. The north outfall was located near Station 102+00 Range 1+00 and pointed east. The south outfall was located near Station 101+10 Range 1+80 and pointed east. See discussion item #1.

2. a) Dredging inconsistencies were observed in the 11/14 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that the Tom James was moved to a safe harbor at Grand Isle at 14:45 due to weather, while item #2, result of surveillance, item #6, dredge status, and the 11/14 Daily Dredge Report (DDR) state that the Tom James was moved to a safe harbor at Grand Isle at 14:55 due to weather.

   b) Formatting issues were observed in the 11/14 WMI Daily Quality Control Report (DQCR). The format of item #11, water quality monitoring, was incorrect as the responses to the questions were shifted down one line.

   c) The xyz swing data submitted for 11/14 was corrupted between 19:14 and 19:33, 20:01 and 20:33, 20:45 and 21:34, and 21:49 and 23:58. The Tom James was down due to weather during these intervals.

3. The as-built drawings maintained on the Quarters Barge were incomplete. The navigation sign used to mark the canal closure near Station 57+20 was not included in the as-built drawings. The installed sand fence and settlement plates were not included in the as-built drawings. The canal closures completed between Station 53+40 and Station 58+23 and between Station 124+40 and Station 126+00 were not identified in the as-built drawings. The southern extension of the primary dike along Station 140+51 was not included in the as-built drawings. Additionally, placed beach and marsh fill was not included in the as-built drawings.

4. Berm widths were not measured as the template has not been filled east of Station 99+00.

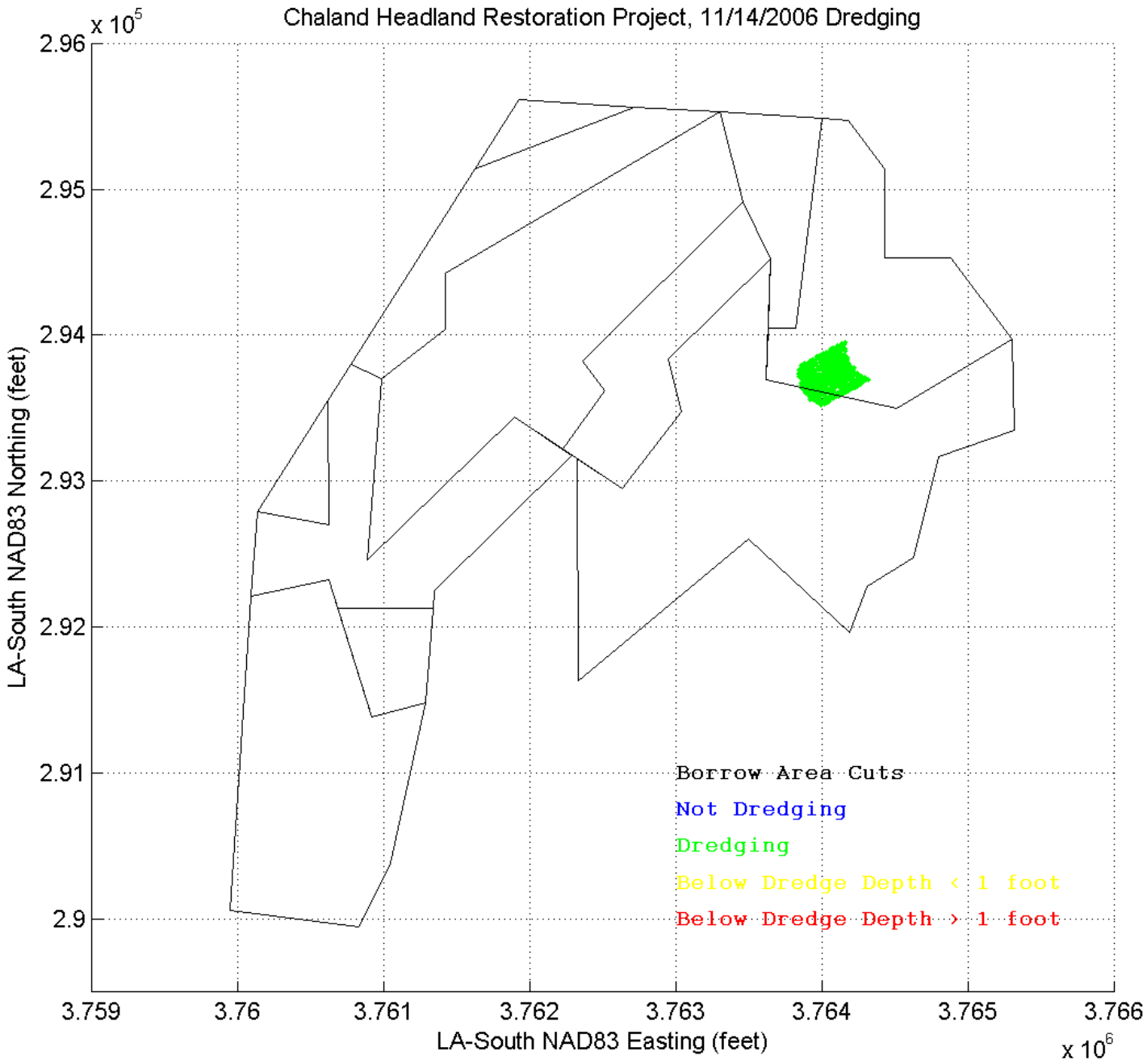
5. Photographs were taken while visiting the project site; however, formatting problems were encountered. The pictures taken were deleted when the camera was reformatted.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James remained in a safe harbor at Grand Isle throughout the day due to weather and rough seas.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.


Chaland Headland Restoration Project, 11/14/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 16, 2006 | OBSERVATION REPORT NO: 236
OBSERVER: Neil Wood | CONTRACT DAY: 366
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 11:30

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: NW 1'-2'
WIND SPEED AND DIRECTION: W 5 -15 mph
TEMPERATURE: 55°-65° F

CONSTRUCTION ACTIVITY: N/A
NORTH OUTFALL LOCATION: Station 102+00
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: Station 101+10
NORTH CONTAINMENT DIKE LOCATION: Station 128+00
SOUTH CONTAINMENT DIKE LOCATION: Station 127+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 135+68
MARSH FILL AREA EXTENT LOCATION: Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Observation #5
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	N/A	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	Observation #1
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #3
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 16, 2006 OBSERVATION REPORT NO: 236

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Project site walk through for plan revision.	Yes	Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. The north outfall was located near Station 102+00 Range 1+00 and pointed east. The south outfall was located near Station 101+10 Range 1+80 and pointed east.

2. Plan revision discussion took place on the beach. Attendees: Neil Wood (CPE), Gordon Thomson (CPE), Andy Wycklendt (CPE), Rachel Sweeney (NOAA), Erik Zobrist (NOAA), Barry Richard (LDNR), Steve Chatry (WMI), Gary Johnson (WMI), Paul Stewart (WMI), Capt. Frank Gill (WMI).

3. Berm widths were not measured as the template has not been filled east of Station 99+00.

4. Neil Wood (CPE), Gordon Thomson (CPE), Andy Wycklendt (CPE), Rachel Sweeney (NOAA), Erik Zobrist (NOAA) and Barry Richard (LDNR) traveled the length of the entire beach fill. East to West on seaward side of sand fence, and back West to East on landward side of sand fence.

5. The as-built drawings maintained on the Quarters Barge were incomplete. The navigation sign used to mark the canal closure near Station 57+20 was not included in the as-built drawings. The installed sand fence and settlement plates were not included in the as-built drawings. The canal closures completed between Station 53+40 and Station 58+23 and between Station 124+40 and Station 126+00 were not identified in the as-built drawings. The southern extension of the primary dike along Station 140+51 was not included in the as-built drawings. Additionally, placed beach and marsh fill was not included in the as-built drawings.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Bi-weekly meeting was held, attendees included; Neil Wood (CPE), Gordon Thomson (CPE), Andy Wycklendt (CPE), Rachel Sweeney (NOAA), Erik Zobrist (NOAA), Barry Richard (LDNR), Steve Chatry (WMI), Gary Johnson (WMI), Paul Stewart (WMI), Capt. Frank Gill (WMI). Items discussed included; Status of revising Daily QC reports and DDRs, Status of work completed to date, Status of post-con surveys and pay volumes for marsh and beach, Review of East end infrastructure, Revised construction drawing for STA 180+84 to 140+51, Review of construction schedule, Status of October 19, 2006 Bi-weekly meeting minutes notes, Status of As-Built drawings and date of next meeting November 30, 2006. Details concerning the topics discussed are included in the meeting minutes.

2 Gary Johnson said the Tom Jones would be back on site and pumping around 18:00.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 Yes. Discussions about the modified fill plan layout for an additional 93,000 cubic yards above the bid quantity.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 16, 2006 OBSERVATION REPORT NO: 236

Wave conditions

Bulldozer not operating

Left to right; Gordon Thomson (CPE), Steve Chatry (WMI), Gary Johnson (WMI), Paul Stewart (WMI), Capt. Frank Gill (WMI), Rachel Sweeney (NOAA), Erik Zobrist (NOAA).

No discharge at time of observation.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 17, 2006 | OBSERVATION REPORT NO: 237
OBSERVER: Neil Wood | CONTRACT DAY: 367
ARRIVAL TIME: 12:30 | DEPARTURE TIME: 15:30

WEATHER CONDITIONS: Sunny
WAVE HEIGHT AND DIRECTION: E 0 - 1'
WIND SPEED AND DIRECTION: NNE 0 - 5 mph
TEMPERATURE: 55°-65° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 102+00
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: Station 101+10
NORTH CONTAINMENT DIKE LOCATION: Station 128+00
SOUTH CONTAINMENT DIKE LOCATION: Station 127+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 135+68
MARSH FILL AREA EXTENT LOCATION: Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	No	Observation #8
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	
	Location: Beach - checking, placing and replacing grade stakes between Station 101+00 and Station 121+16.		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill.		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH087, Sta. 102+80 Ra. 1+00 (N 29.30873° W 89.75302°), 13:45		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #4
21.	Does the material appear to meet technical requirements?	No	Observation #5

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 17, 2006 OBSERVATION REPORT NO: 237

22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	Observation #2
	Description: As-built survey on sand fence.		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the beach today. The north outfall was located near Station 102+00 Range 1+00 and pointed east. The south outfall was located near Station 101+10 Range 1+80 and pointed east.

2. As-built survey was conducted on North and South sand fencing between Station 5+00 and Station 96+96.

3. Vegetation planting occurred along seaward side of sand fence from Station 77+00 to Station 96+96.

4. Silt/sand interface of discharge sample could not be identified after 1 hour of settling time.

5. Sand sample CH087 was taken near Station 102+80 Range 1+00 (N 29.30873° W 89.75302°). The Munsell color of the representative sand sample taken at this location was 2.5Y-2.5/1 (Black) and had an approximate grain size less than 0.1 mm.

6. Maintenance on temporary dike from STA 101+10 to STA 106+00.

7. Berm widths were not measured as the template has not been graded east of Station 99+00.

8. The as-built drawings maintained on the Quarters Barge were incomplete. The navigation sign used to mark the canal closure near Station 57+20 was not included in the as-built drawings. The installed sand fence and settlement plates were not included in the as-built drawings. The canal closures completed between Station 53+40 and Station 58+23 and between Station 124+40 and Station 126+00 were not identified in the as-built drawings. The southern extension of the primary dike along Station 140+51 was not included in the as-built drawings. Additionally, placed beach and marsh fill was not included in the as-built drawings.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. The dump shack foreman Joseph Martin (WMI) said that they had to shut the dredge down to clean the cutterhead.

DATE: November 17, 2006 OBSERVATION REPORT NO: 237

2. Dump Shack Foreman Joseph Martin said he was not able to construct any new dike because he did not know where to construct it.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

Wave conditions

Surveyors going to survey sand fence.

Bulldozer operating on existing dike.

S. discharge immediately after dike maintenance.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: November 17, 2006 OBSERVATION REPORT NO: 237

North discharge outfall.

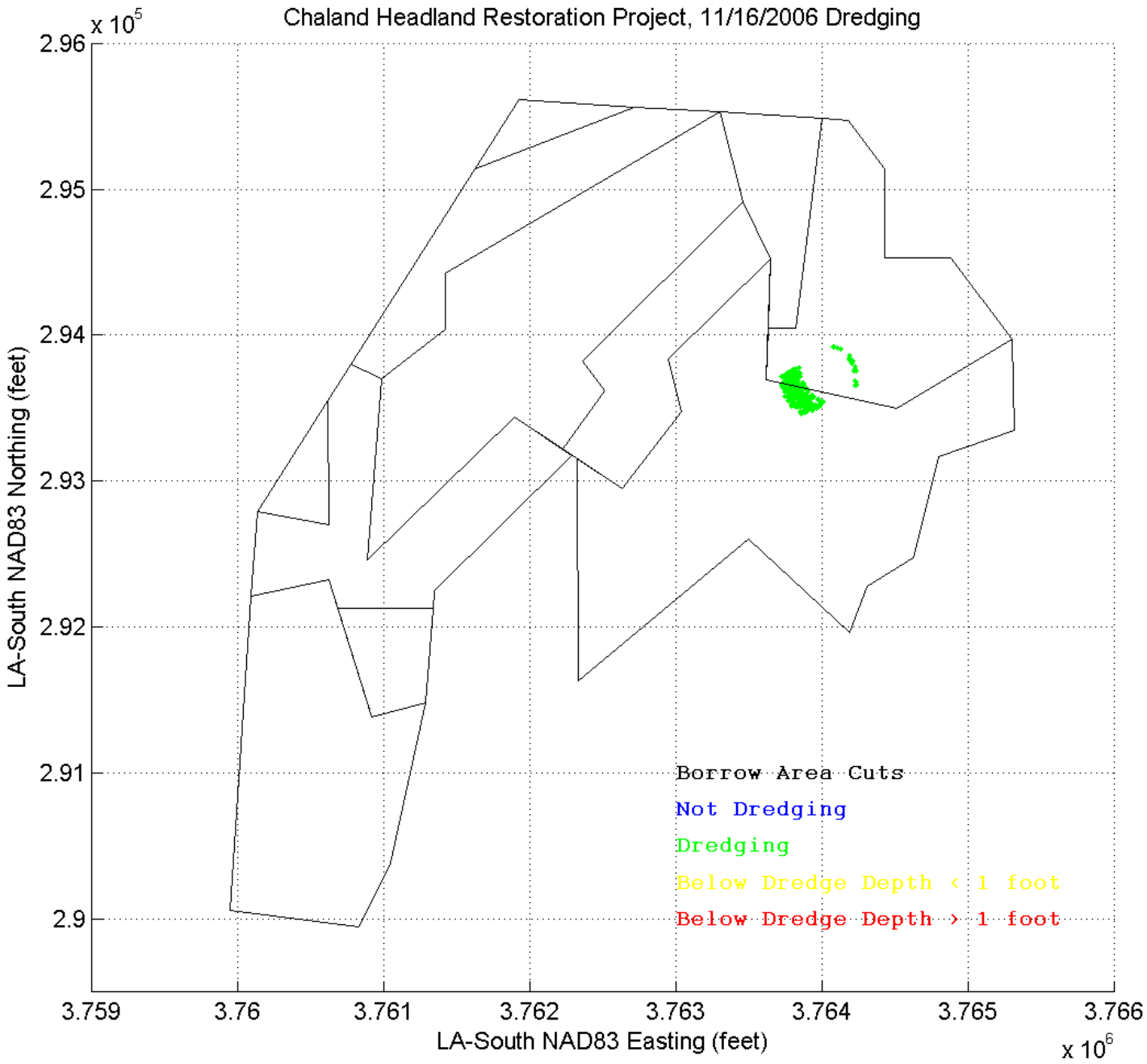
Dike maintenance, looking East from Station 102+80.

Discharge sample after 15 minutes, 14:10.

After 1 hour, 14:45, no visible silt/sand interface.

Vegetation plating.

Vegetation planting exterior row of plants..


Chaland Headland Restoration Project, 11/16/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 18, 2006 | OBSERVATION REPORT NO: 238
OBSERVER: Neil Wood | CONTRACT DAY: 368
ARRIVAL TIME: 13:15 | DEPARTURE TIME: 15:05

WEATHER CONDITIONS: Sunny
WAVE HEIGHT AND DIRECTION: SE < 1'
WIND SPEED AND DIRECTION: NE 0 - 5 mph
TEMPERATURE: 68° F

CONSTRUCTION ACTIVITY: Beach Fill
NORTH OUTFALL LOCATION: Station 102+00
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: Station 101+10
NORTH CONTAINMENT DIKE LOCATION: Station 128+00
SOUTH CONTAINMENT DIKE LOCATION: Station 127+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 135+68
MARSH FILL AREA EXTENT LOCATION: Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. Are the construction plans and specifications located at the project site? — Yes
2. Is the contractor maintaining an accurate set of as-built drawings and specifications? — Yes
3. Has the contractor provided the daily quality control report for the previous day? — Yes
   DQCR Comments:
4. Has the contractor provided the daily safety report for the previous day? — Yes

Project Site

5. Is the contractor maintaining operations within authorized areas? — Yes
6. Are there any safety concerns at present? — No
7. Were any photographs taken? — Yes

Site Preparation

8. Was any clearing and grubbing or debris removal performed today? — No
9. Was any staking and layout performed today? — Yes
   Location: Beach - Placing grade stakes between Station 130+00 and Station 140+00.

Primary Dikes

10. Was work performed on construction/maintenance of primary dikes? — No
    Location:
11. Were previously constructed dikes observed? — Yes
12. Were any deficiencies noted (i.e., slumping, settling below grade, leaks)? — No

Borrow Area

13. Are dredging and discharge operations being conducted at this time? — Yes
    Type: Beach Fill. — Observation #1
14. Are the borrow area buoys in place and working properly? — Yes
15. Was dredging occurring outside of the borrow area limits yesterday? — No

Beach Fill

16. Are sand dredging and discharge operations being conducted at this time? — Yes — Observation #1
17. Are grade stakes in place for the fill location? — Yes
18. Has debris been removed prior to placement of fill? — Yes
19. Has a representative sand sample been collected? — No
    Location:
20. Has a discharge sample been collected? — No
21. Does the material appear to meet technical requirements? — N/A
22. Were the constructed berms measured? — No — Observation #5
    Measurement:
23. Are escarpments being leveled? — N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 18, 2006 OBSERVATION REPORT NO: 238

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the beach today. The North outfall was located near Station 102+00 Range 1+00 and pointed east. The South outfall was located near Station 101+10 Range 1+80 and pointed east.

2. Bulldozers were observed maintaining the temporary dike from Station 101+10 to Station 115+00. No new dike was constructed East of Station 120+00.

3. The mechanic was observed changing the oil for the dump shack generator. The oil was transported in an open oil container, and though there was no oil spillage observed, an oil/gas type plume was observed in the sand near the dump shack. The plume was not visible in the photo taken. A bulldozer operator was overheard saying, "just dump that there oil out next to the dump shack". While it appears as though he was joking, Capt. Kevin Gormley (Corken Boat Rentals) responded to him that this was inappropriate.

4. After the last high tide, approximately 0.5' of water has ponded on the beach from Station 18+00 to Station 19+52.

5. Berm widths were not measured as the template was not graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Scott Mahler (WMI) stated that the submittal detailing the northern dune crest range at Station 135+00 contained an error. The northern dune crest range was stated to be 3+08.6. Per Gordon Thomson's request, verbal direction was given at 10:00 to Scott Mahler (WMI) to change the northern dune crest range from 3+08.6 to 2+41.5.

2. The dump shack foreman Joseph Martin said that they had to shut the outfalls down to move the Tom James. He stated the outfalls would be pumping in about two hours (15:00), they both came back on in approximately 20 minutes (13:50).

3. Dump Shack Foreman Joseph Martin said he was not able to construct any new dike because he did not know where to construct it.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 18, 2006 OBSERVATION REPORT NO: 238

Wave conditions in vicinity of the dump shack, Station 101+10.

The dump shack and bull dozers, picture taken from same location as wave condition picture, but looking landward.

South outfall not discharging, 13:15.

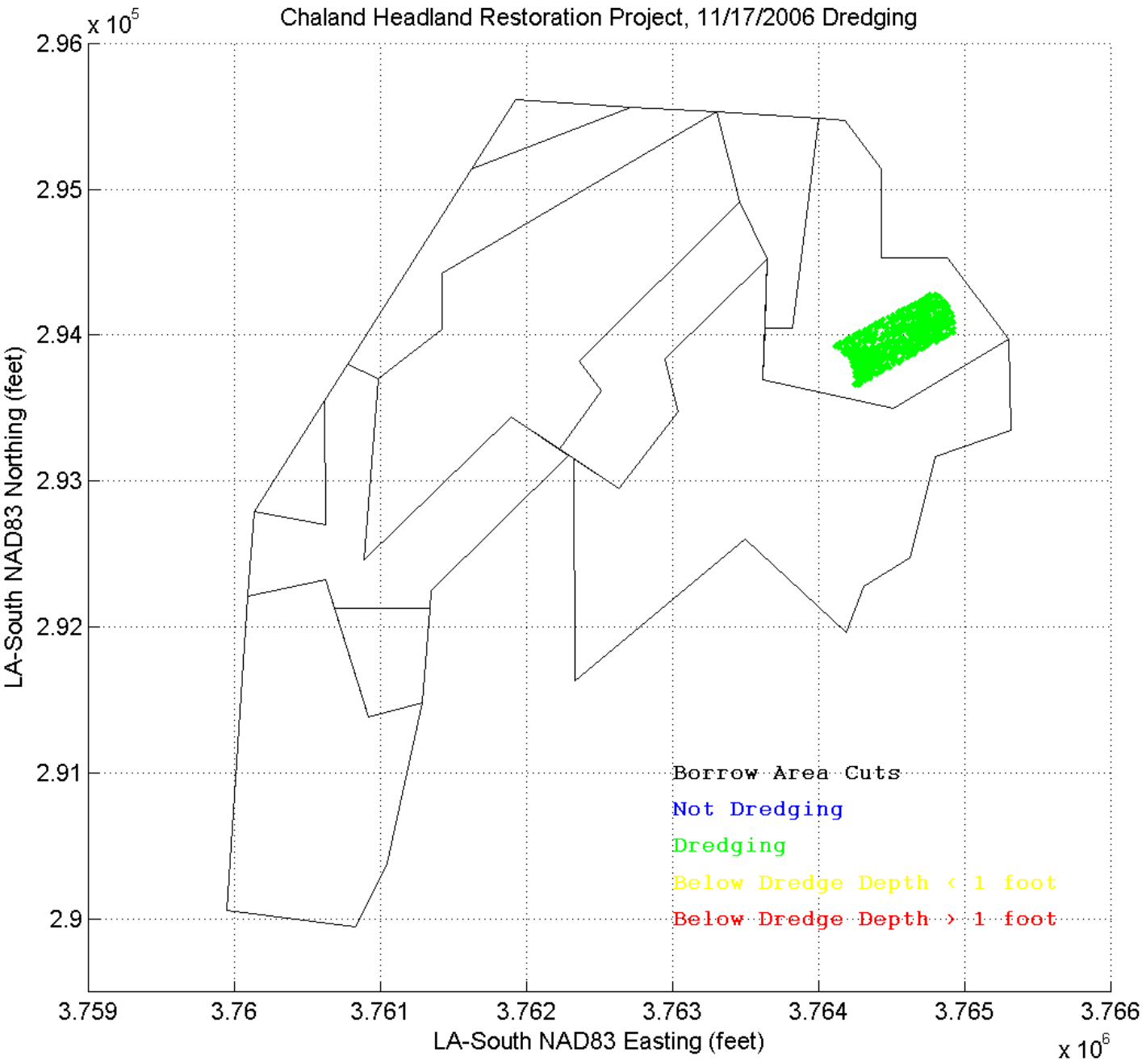
North outfall not discharging, 13:16.

South outfall discharging, 13:35.

North outfall discharging, 13:36.

DATE: November 18, 2006 OBSERVATION REPORT NO: 238

Water pooling on beach, Station 19+52.


Chaland Headland Restoration Project, 11/17/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 19, 2006 | OBSERVATION REPORT NO: 239
OBSERVER: Neil Wood | CONTRACT DAY: 369
ARRIVAL TIME: 10:50 | DEPARTURE TIME: 12:15
16:40 | 17:10

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	Flat
WIND SPEED AND DIRECTION:	N 15 - 20 mph
TEMPERATURE:	50° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 102+00
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 101+10
NORTH CONTAINMENT DIKE LOCATION:	Station 128+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 127+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	Yes	Observation #1
	Location: Beach - Northern dune crest between Station 130+00 and Station 141+51.		
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill.		Observation #2
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #2
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH088, Sta. 120+00 Ra. 0+80 (N 29.30874° W 89.74759°)		Observation #8
20.	Has a discharge sample been collected?	Yes	Observation #5
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 19, 2006 OBSERVATION REPORT NO: 239

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No N/A	
33.	Has required coordination with utility operators occurred?	Yes	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Southern temporary fill containment dike extended.	Yes	Observation #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The survey crew was setting grade stakes for northern dune crest, working East to West from Station 140+51 to Station 130+00.

2. Material was discharged to the beach today. The North outfall was located near Station 102+00 Range 1+00 and pointed east. The South outfall was located near Station 101+10 Range 1+80 and pointed east.

3. The southern temporary fill containment dike was extended from Station 120+00 to approximately 126+00.

4. Water/silt runoff was observed scarping and eroding existing material. Large sections of material were observed falling into runout and becoming more scarped around Station 123+00.

5. The discharge material sample container could not be found at the dump shack and a new one had to be made. A representative discharge sample was collected from the N. outfall at 16:50, but could not be photographed due to camera reformatting issues. The sample was set aside and a note was left not to disturb the sample, a picture will be taken upon arrival on 11-20-06 to record quality of the discharged material.

6. On 11/18 the Tom James cutterhead excavated approximately 30 feet outside the horizontal limits of the borrow area for less than 2 minutes 5 times between 9:48 and 11:54.

7. Berm widths were not measured as the template was not graded east of Station 99+00.

8. Sand sample CH088 was taken near Station 120+00 Range 0+80 (N 29.30874° W 89.74759°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Scott Mahler (WMI) asked if the redesign would change the sand fencing locations, I told him I would check on it and inform him at a later time.

2. I spoke with Paul Stewart (WMI) after my first observation about the northern dune crests for the redesign and informed him the survey crew seemed confused about this area. They asked some questions about the redesign and went in for lunch (11:00).

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 19, 2006 OBSERVATION REPORT NO: 239

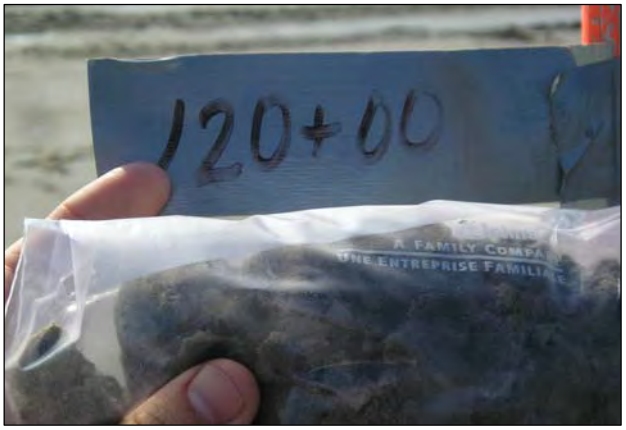
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 Yes. Possible change in the sand fence location for the redesign.

Surveyors setting grade stakes at Station 130+00.

Northern dune crest grade stakes looking East from Station 130+00.

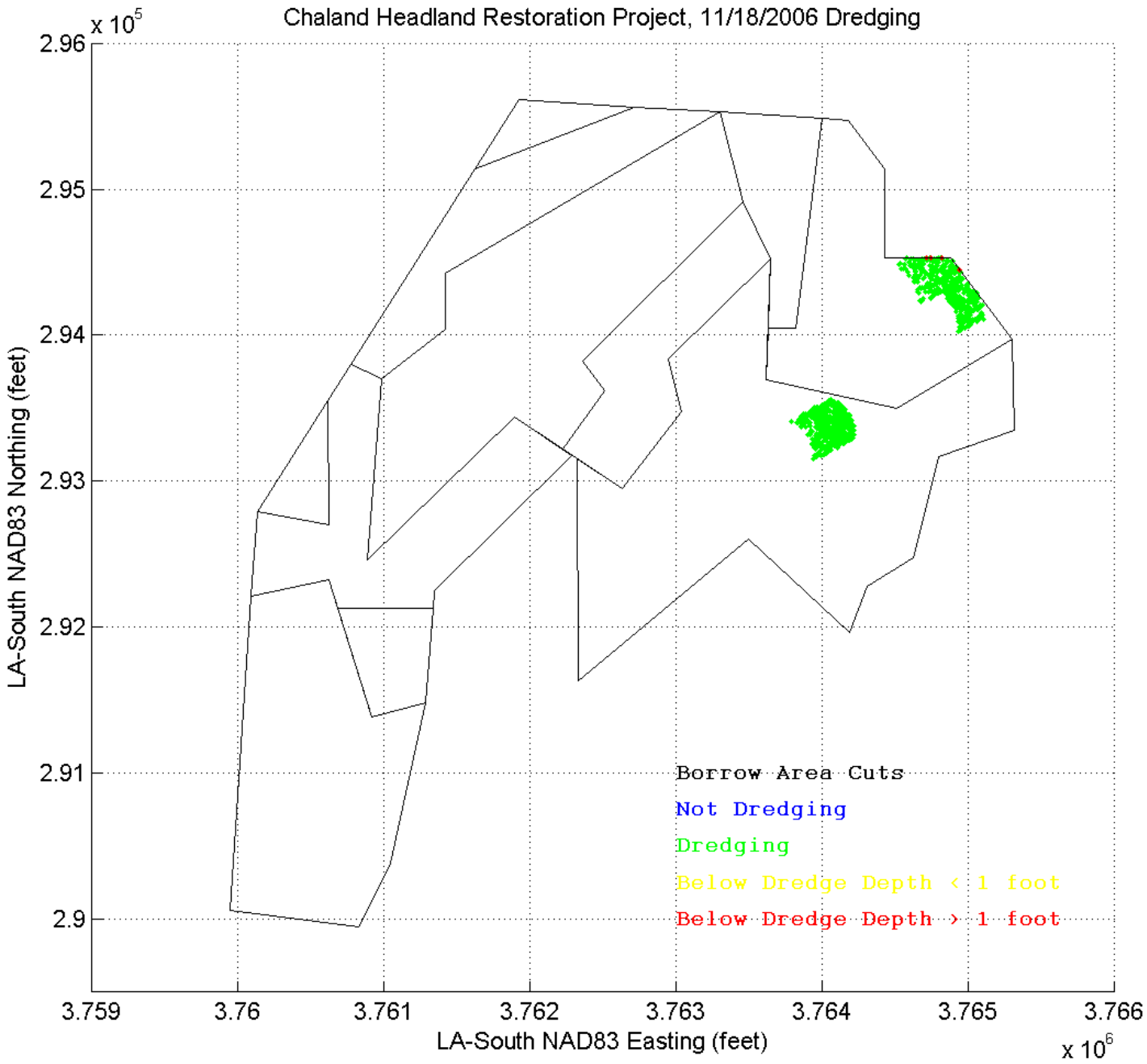
Wave conditions.



Dry sand sample collected at Station 120+00 Range 0+82.3.

South outfall discharging, 16:40.

North outfall discharging, 16:41.


Chaland Headland Restoration Project, 11/18/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 20, 2006 | OBSERVATION REPORT NO: 240
OBSERVER: Neil Wood | CONTRACT DAY: 370
ARRIVAL TIME: 12:15 | DEPARTURE TIME: 3:30

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	Flat
WIND SPEED AND DIRECTION:	N 20 - 30 mph
TEMPERATURE:	40° F
CONSTRUCTION ACTIVITY:	Marsh fill preparation.
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 100+60
NORTH CONTAINMENT DIKE LOCATION:	Station 128+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 127+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Stripping overburden from borrow area site.		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH089, Sta. 101+80 Ra. 0+50 (N 29.30950° W 89.75323°)		Observation #6
20.	Has a discharge sample been collected?	N/A	Observation #3
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #5
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 20, 2006 OBSERVATION REPORT NO: 240

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Marsh acceptance survey.	Yes	Observation #1
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The survey crew was performing an acceptance survey for the marsh between Station 77+60 and Station 94+00.

2. The shore crew added a Y-valve at Station 99+00 and redirected the pipe on the beach from the Y-valve toward the marsh. The plastic pipe was added over the marsh area. See discussion item #1.

3. Yesterdays discharge sample was examined after 19 hours of settling time. The water/material ratio was approximately 50/50. The water and silty material was poured out and approximately half the fill material remained in the container. This analysis suggests that roughly 1/4 to 1/3 of the discharge sample was sand.

4. A mechanic working on one of the bulldozers today stated the bulldozer was operating and only needed minor maintenance. He said bulldozer #50 was down for repairs and remained at the site landing.

5. Berm widths were not measured as the template was not graded east of Station 99+00.

6. Sand sample CH089 was taken near Station 101+80 Range 0+50 (N 29.30950° W 89.75323°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the marsh fill preparation. He stated pumping to the marsh would start tomorrow morning after sunrise.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 20, 2006 OBSERVATION REPORT NO: 240

Scott Mahler (WMI) performing acceptance survey for marsh area.

Wave conditions.

Yesterday's discharge sample after 19 hours of settling time.

Amount of sand remaining after water/silt was poured out.

South discharge pipe Station 100+60.

Mechanic and bulldozer operator working on bulldozer track.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

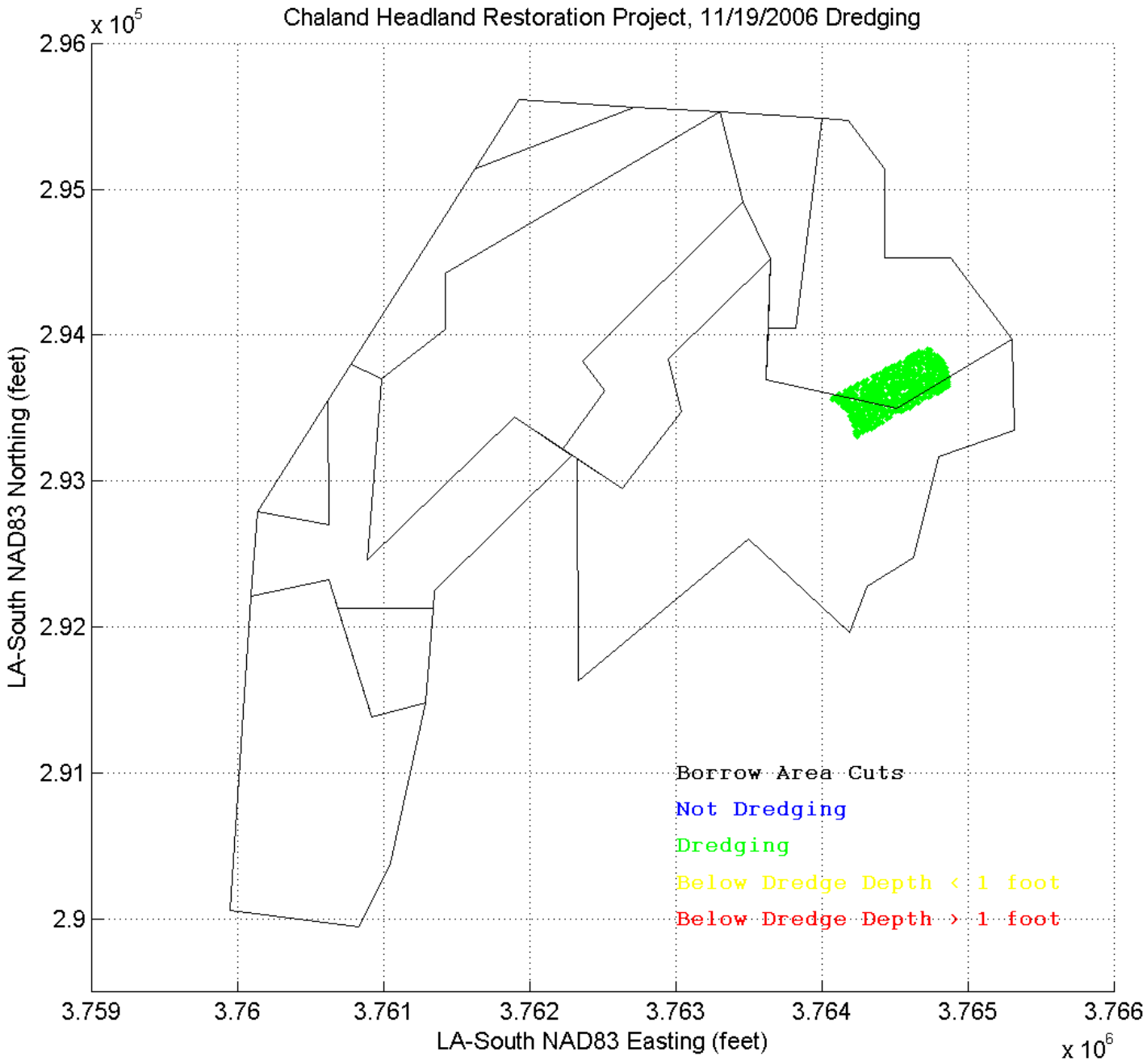
DATE: November 20, 2006 OBSERVATION REPORT NO: 240

The shore crew changing pipe.

The shore crew added a Y-valve at Station 99+00.

A bulldozer operator adding pipe toward marsh.

Pipes for marsh discharge.


Chaland Headland Restoration Project, 11/19/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 21, 2006 | OBSERVATION REPORT NO: 241
OBSERVER: Neil Wood | CONTRACT DAY: 371
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:00
14:15 | 15:00

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	Flat
WIND SPEED AND DIRECTION:	N 10 - 20 mph
TEMPERATURE:	47° F
CONSTRUCTION ACTIVITY:	Marsh fill.
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	Station 130+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 132+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Marsh fill.		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #5
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 21, 2006 OBSERVATION REPORT NO: 241

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	Yes	Observation #1
29.	Is the discharge pipe being moved?	No	
30.	Does any fill appear to be stacking above the fill template?	No	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Repairs to Mule ATV.	Yes	Discussion #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. The plastic discharge pipe was located in the marsh at Station 134+00. The marsh was being pumped during the day. See discussion item #1.

2. A few minor leaks were observed in steel pipe around Station 124+00.

3. Maintenance on both the southern and northern temporary dikes was performed in preparation for tonight's beach fill.

4. On 11/20 the Tom James cutterhead excavated below the required strip depth between 9:15 and 10:39. During this interval the Tom James excavated an average of approximately 0.9 feet and a maximum of approximately 6.2 feet below the required strip depth. Excluding this occasion the Tom James cutterhead excavated below the required strip depth for less than 7 minutes on several occasions. The Tom James excavated an average of approximately 1.8 feet and a maximum of approximately 8.7 feet below the required strip depth.

5. Berm widths were not measured as the template was not graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the marsh fill. He stated the water levels were getting high and pumping would be changed to beach fill during the night.

2. A mechanic working on the Mule (ATV) said it needed major work performed on it. The mechanic was scheduled to leave today and said someone else would have to continue the repairs.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 21, 2006 OBSERVATION REPORT NO: 241

Discharge pipe for marsh fill was located at Station 134+00.

Leak in pipe at Station 124+00.

The southern temporary containment dike looking East from Station 123+00.

Looking West toward dump shack location from Station 123+00.

Wave conditions were flat.

Bulldozer operator working on southern temporary dike.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

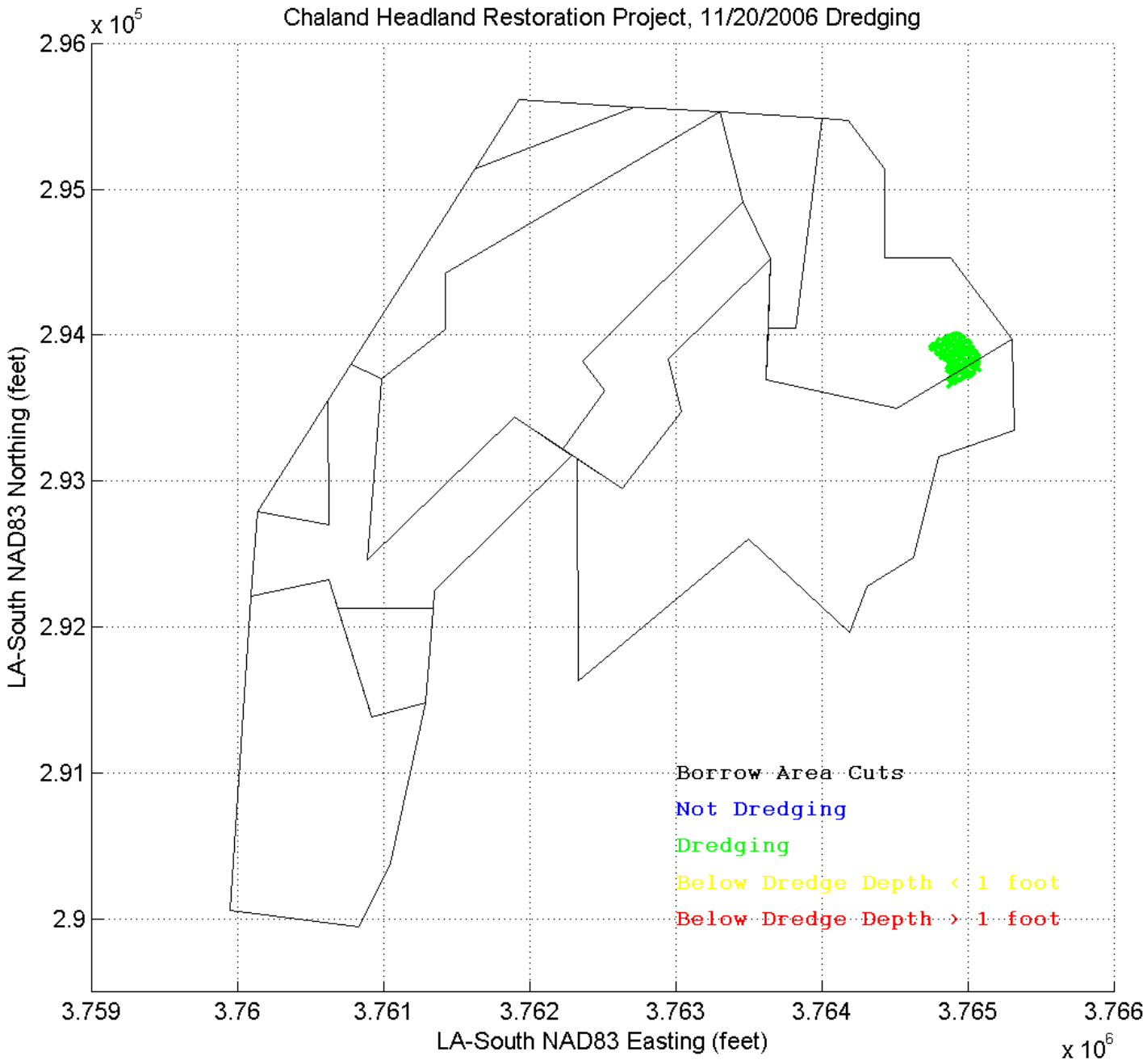
DATE: November 21, 2006 OBSERVATION REPORT NO: 241

The southern temporary fill containment dike.

Garbage on beach near the dump shack.

Marsh still being pumped at 15:00.

Gary Johnson (WMI) and Spike (WMI) walking back to boat after marsh fill observation.


Chaland Headland Restoration Project, 11/20/2006 Dredging
x 10^5
2.96
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LA-South NAD83 Northing (feet)
3.759
3.76
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3.762
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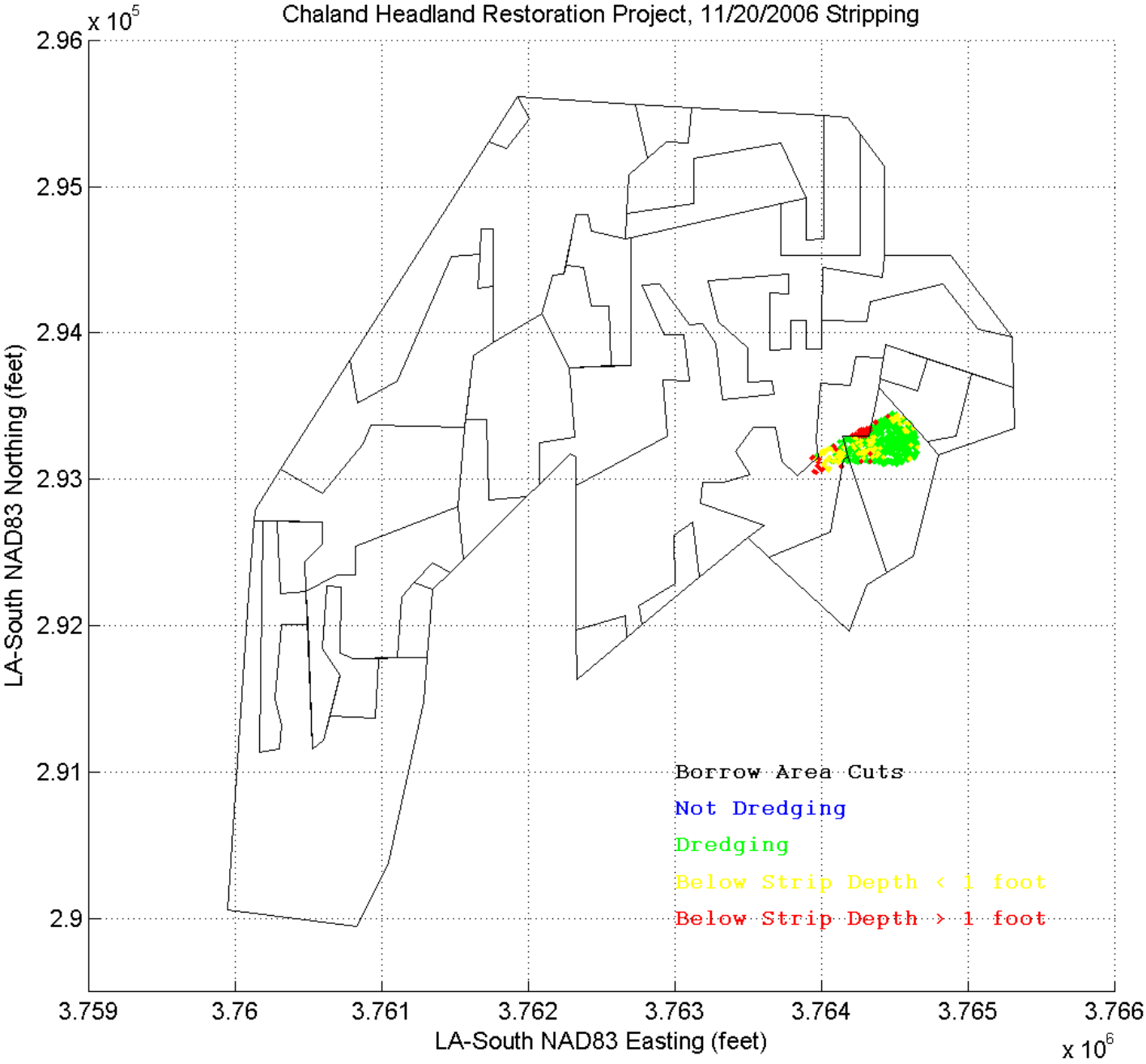
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/20/2006 Stripping
x 10^5
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LA-South NAD83 Northing (feet)
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3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 22, 2006 | OBSERVATION REPORT NO: 242
OBSERVER: Neil Wood | CONTRACT DAY: 372
ARRIVAL TIME: 13:10 | DEPARTURE TIME: 16:30

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	0 - 1/2'
WIND SPEED AND DIRECTION:	N 10 - 15 mph
TEMPERATURE:	51° F
CONSTRUCTION ACTIVITY:	Beach fill.
NORTH OUTFALL LOCATION:	Station 102+80 Range 1+00
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 101+10 Range 1+80
NORTH CONTAINMENT DIKE LOCATION:	Station 130+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 132+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach fill.		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	No	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH090, Sta. 110+60 Ra. 1+90 (N 29.30879° W 89.75056°)		Observation #6
20.	Has a discharge sample been collected?	Yes	
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 22, 2006 OBSERVATION REPORT NO: 242

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Repairs to steel pipe.		Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the beach today. The north outfall was located near Station 102+80 Range 1+00 and pointed east. The south outfall was located near Station 101+10 Range 1+80 and pointed east.

2. The welder was making repairs/welds to four of the steel pipes. He stated the ends of a few of them needed to be cut, but his torch was out of oxygen.

3. One of the swamp buggies had a broken hydraulic line. The marsh was scheduled to be filled today, but the discharge pipe could not be moved due to the broken hydraulic line. See discussion item #1.

4. Both the northern and southern temporary containment dikes had maintenance performed to them. Both appeared to be in good condition.

5. The 11/21 WMI DQCR listed the Mule (ATV) and all three of the Marsh Buggies as operable/idle, while the Mule is out of order and one of the Marsh Buggies is down as well.

6. Sand sample CH090 was taken near Station 110+60 Range 1+90 (N 29.30879° W 89.75056°). The Munsell color of the representative sand sample taken at this location was 2.5Y-3/1 (Very Dark Gray) and had an approximate grain size of 0.1 mm.

7. On 11/21 the Tom James cutterhead excavated below the required strip depth between 2:59 and 6:09. During this interval the Tom James excavated an average of approximately 0.4 feet and a maximum of approximately 1.3 feet below the required strip depth. Excluding this occasion the Tom James cutterhead excavated below the required strip depth for less than 10 minutes on several occasions. The Tom James excavated an average of approximately 0.9 feet and a maximum of approximately 7.0 feet below the required strip depth.

8. Berm widths were not measured as the template was not graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the marsh buggy with the broken hydraulic line, he stated another line would be taken off something else and used on the marsh buggy.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 22, 2006 OBSERVATION REPORT NO: 242

North discharge outfall Station 102+80 Range 1+00.

South discharge outfall Station 110+10 Range 1+80.

Welding machine and welded steel pipes.

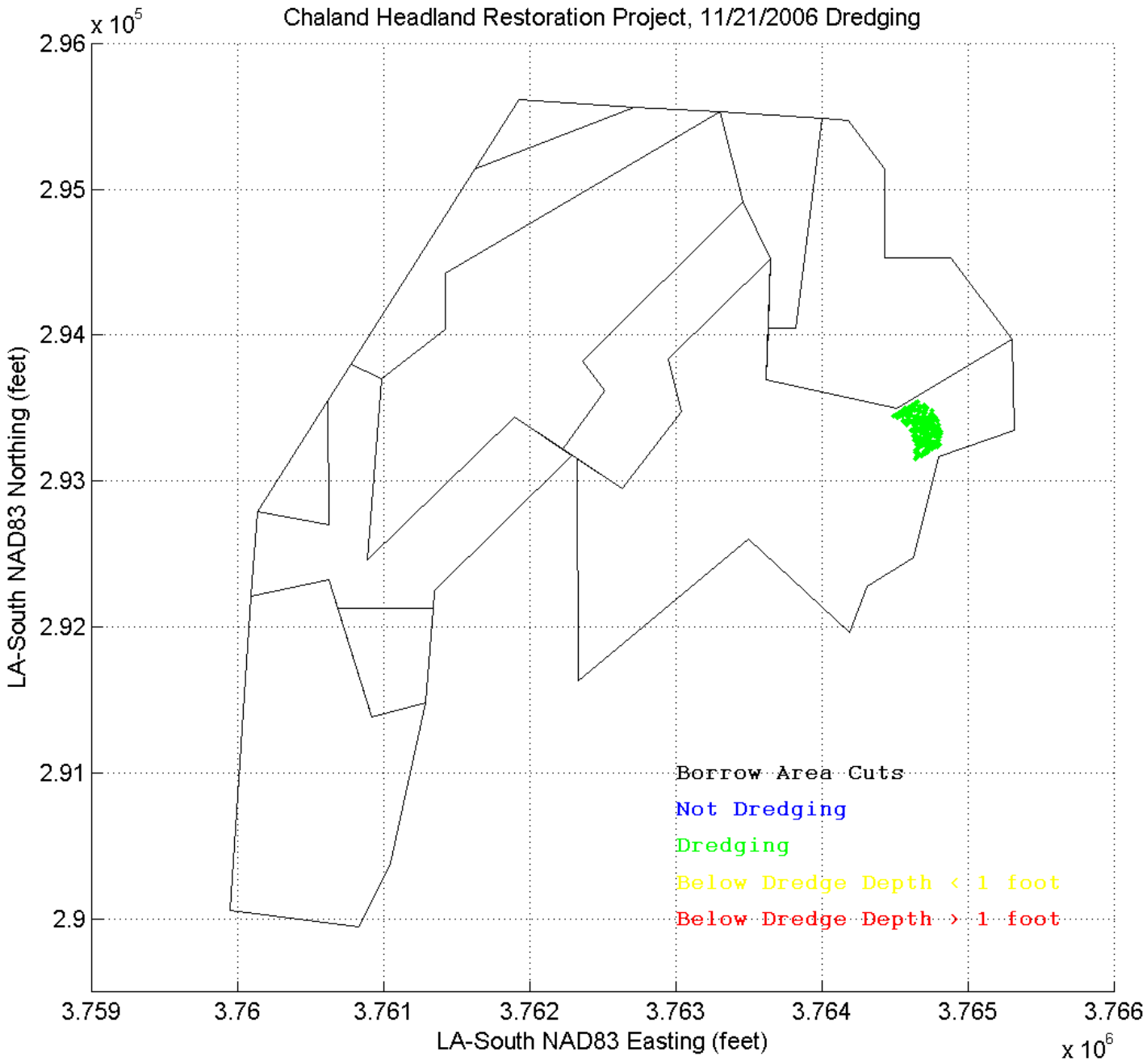
One of the welds made to a steel pipe.

The Marsh Buggy with the broken hydraulic line.

Looking East along marsh discharge pipeline from Station 108+00.

DATE: November 22, 2006 OBSERVATION REPORT NO: 242

Wave conditions were less then 1/2'.


Chaland Headland Restoration Project, 11/21/2006 Dredging
x 10^5
2.96
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LA-South NAD83 Northing (feet)
3.759
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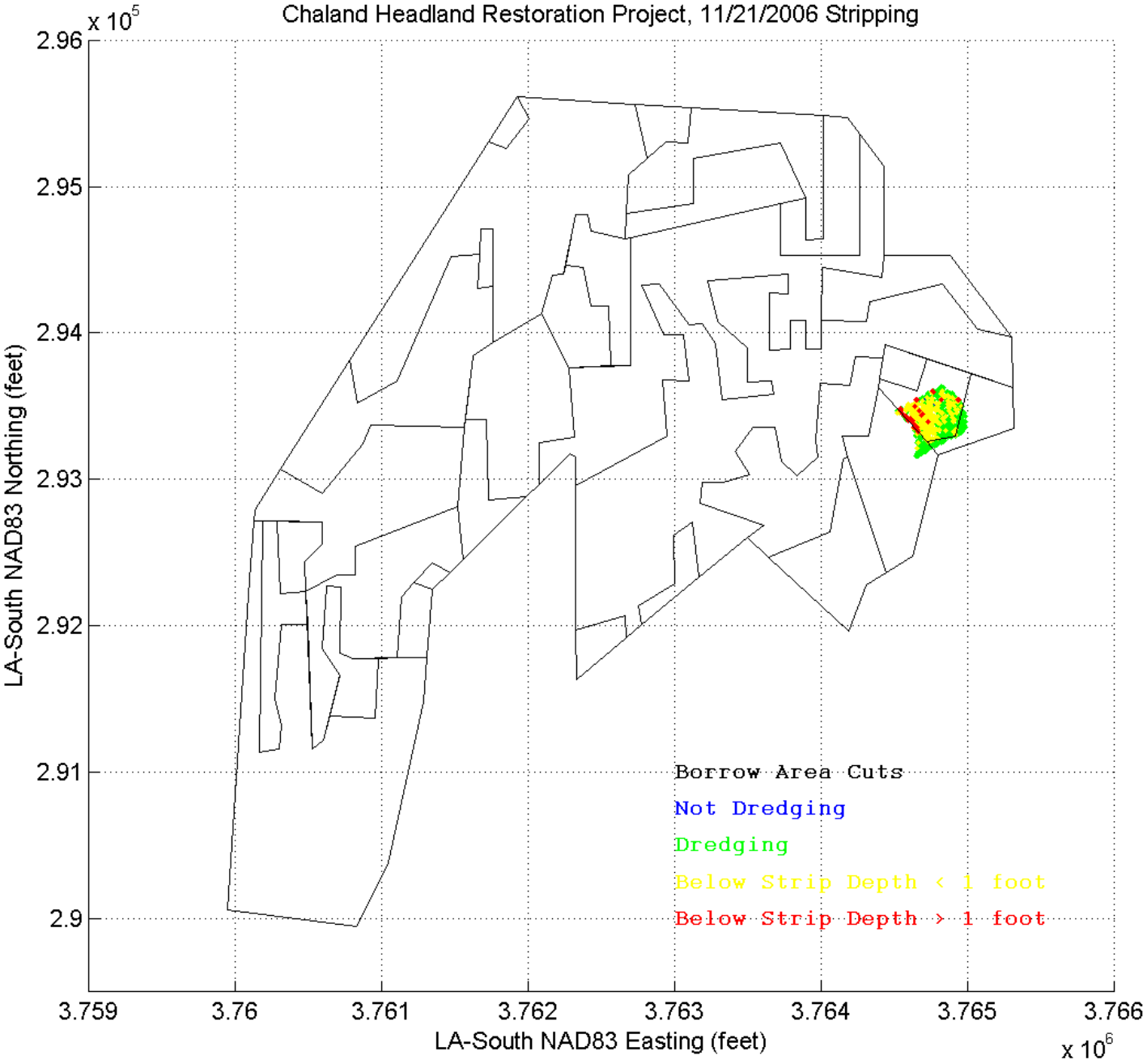
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/21/2006 Stripping
x 10^5
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LA-South NAD83 Northing (feet)
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3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 23, 2006 | OBSERVATION REPORT NO: 243
OBSERVER: Neil Wood | CONTRACT DAY: 373
ARRIVAL TIME: 10:10 DEPARTURE TIME: 15:00

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	0 - 1/2'
WIND SPEED AND DIRECTION:	0 - 5 mph, North
TEMPERATURE:	60° F
CONSTRUCTION ACTIVITY:	Beach fill.
NORTH OUTFALL LOCATION:	Station 103+80 Range 1+00
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 103+00 Range 1+80
NORTH CONTAINMENT DIKE LOCATION:	Station 130+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 132+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #3b
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach fill.		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #7
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	No	
19.	Has a representative sand sample been collected?	No	Observation #6
	Location:		
20.	Has a discharge sample been collected?	Yes	Observation #5
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 23, 2006 OBSERVATION REPORT NO: 243

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	Observation #4
	Location:		
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Transportation of broken equipment.		Observation #3a
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the beach today. The north outfall was located near Station 103+80 Range 1+00 and pointed east. The south outfall was located near Station 103+00 Range 1+80 and pointed east. The beach elevation is close to the design template elevation through Station 106+00. The beach elevation is approximately +5' NAVD at Station 110+00.

2. Another welder came out to the project site to cut the ends off the uncut steel pipes from yesterday. The welder was unable to cut any pipe because there wasn't any oxygen for the torch. He remained on the beach for entire time I was on site. It appears that a lack of coordination has occurred between the contractor and the welder. See discussion item #1.

3. a) The Mule (ATV), one of the Marsh Buggies and Bulldozer #50, were all transported off site to have major repairs made to them.

   b) The WMI QC reports still labeled the Marsh Buggy and Mule as operable/idle as of 11-22-06 even though the Mule has been down since 11-20-06 and the Marsh Buggy at the landing hasn't moved since I arrived on 11-16-06.

4. The northern temporary dike has been maintained through Station 128+00 and the southern temporary containment dike has been maintained through Station 131+00. Dressing and grading have not been performed.

5. The new discharge sample container does not represent the quality of the samples accurately. The pictures taken appeared biased and are not included in this report. A 1000 mL graduated cylinder has become available and will be used for future analyses.

6. A new sand sample was not collected today. The discharge locations are still in the same general vicinity as yesterday.

7. On 11/22 the Tom James cutterhead excavated below the required strip depth between 4:30 and 7:02. During this interval the Tom James excavated an average of approximately 7.4 feet and a maximum of approximately 10.6 feet below the required strip depth. Excluding this occasion the Tom James cutterhead excavated below the required strip depth for less than 3 minutes on several occasions. The Tom James excavated an average of approximately 0.5 feet and a maximum of approximately 2.3 feet below the required strip depth.

8. Berm widths were not measured as the template was not graded east of Station 99+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 23, 2006 OBSERVATION REPORT NO: 243

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the empty oxygen bottles. He stated four empty bottles were brought back to Grand Isle to be exchanged for four full ones and the crewmen exchanging the bottles picked up four empty ones instead. A second trip had to be made to Grand Isle to correct the matter.

2. I spoke with Spike (WMI) about the trip back to Grand Isle, he stated the Bayou Princess broke down and had to remain in Grand Isle for the night.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

The Mule (ATV), one of the Marsh Buggies and Bulldozer #50 waiting to be transported off site.

Wave conditions were flat.

The North discharge outfall Station 103+80 Range 1+00.

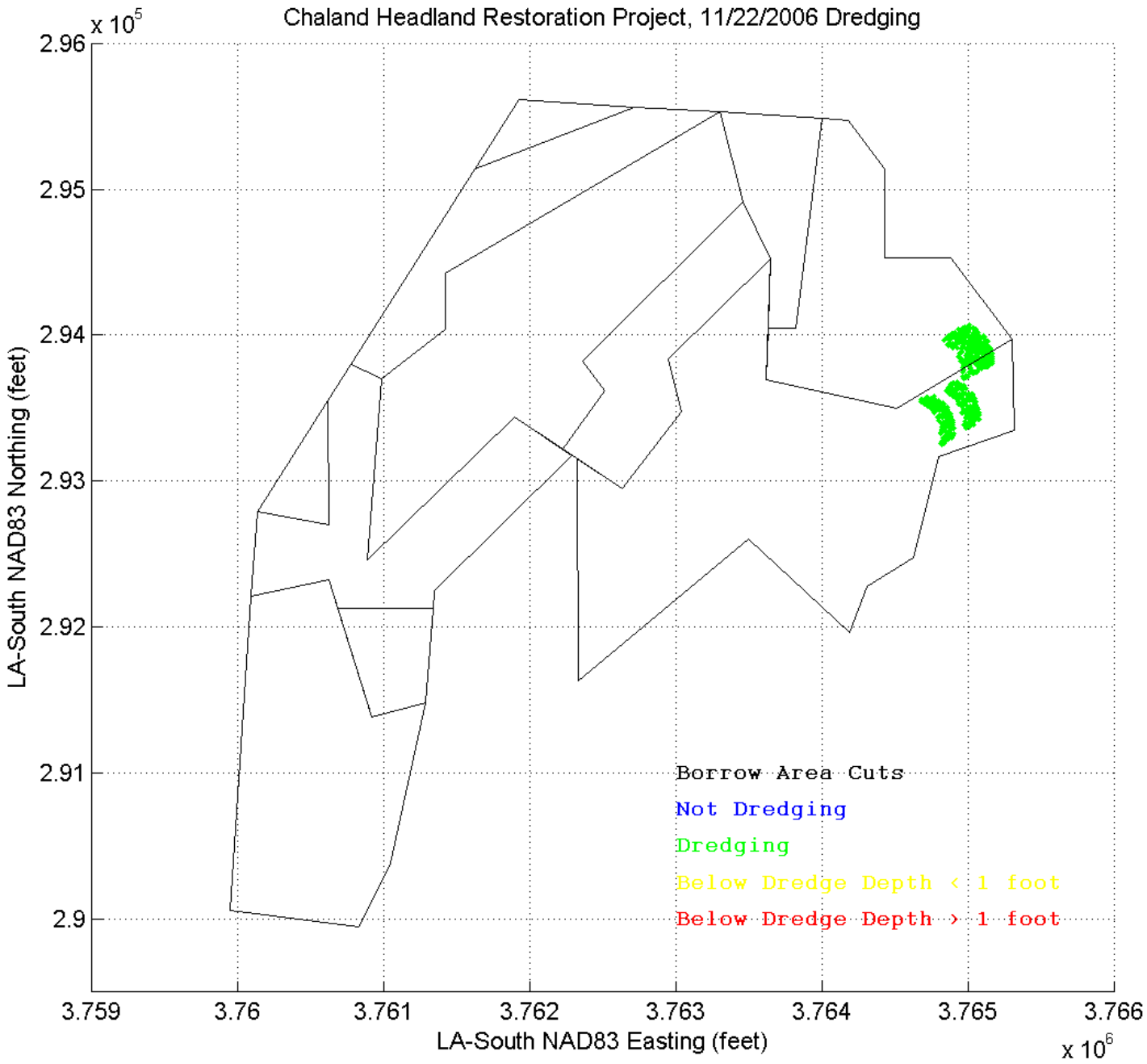
The South discharge outfall Station 103+00 Range 1+80

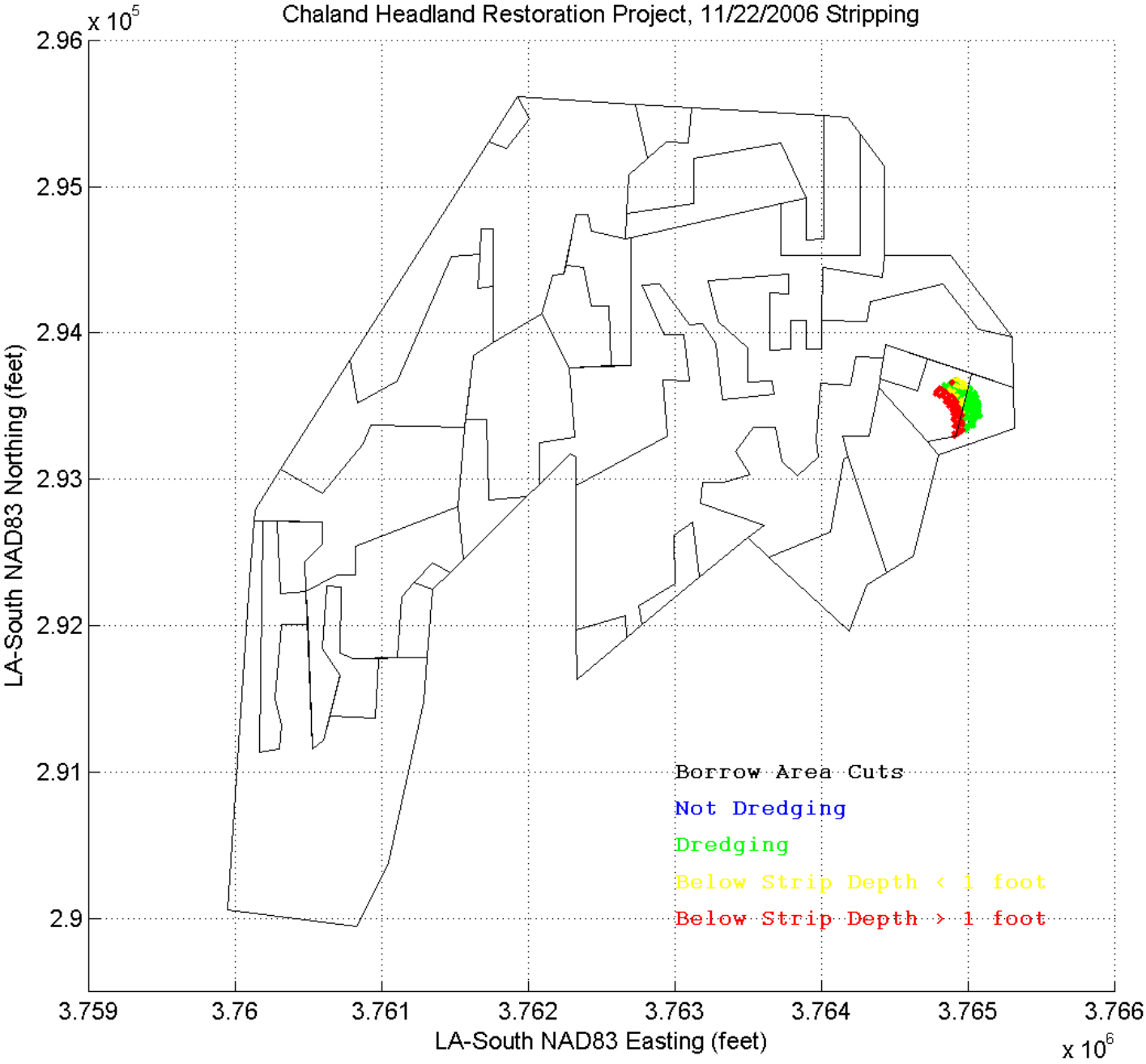
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: November 23, 2006 OBSERVATION REPORT NO: 243

Looking West from the North discharge outfall.

Looking East from Station 101+80.


Chaland Headland Restoration Project, 11/22/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/22/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
x 10^6
LA-South NAD83 Easting (feet)
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 24, 2006 | OBSERVATION REPORT NO: 244
OBSERVER: Neil Wood | CONTRACT DAY: 374
ARRIVAL TIME: 13:30 DEPARTURE TIME: 15:30

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	0 - 1/2'
WIND SPEED AND DIRECTION:	0 - 5 mph, North
TEMPERATURE:	65° F
CONSTRUCTION ACTIVITY:	Temporary dike maintenance.
NORTH OUTFALL LOCATION:	Station 103+40 Range 1+00
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 103+00 Range 1+80
NORTH CONTAINMENT DIKE LOCATION:	Station 130+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 132+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Stripping overburden.		Observation #2
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	Observation #1
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH091, Sta. 103+00 Ra. 1+80 (N 29.30910° W 89.75291°)		Observation #3
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #6
	Measurement:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 24, 2006 OBSERVATION REPORT NO: 244

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach today. The north outfall was located near Station 103+40 Range 1+00 and pointed east. The south outfall was located near Station 103+00 Range 1+80 and pointed east.

2. The Tom James is stripping overburden in the borrow area. See discussion item #1.

3. Sand sample CH091 was taken near Station 103+00 Range 1+80 (N 29.30910° W 89.75291°). The Munsell color of the representative sand sample taken at this location was 2.5Y-3/1 (Very Dark Gray) and had an approximate grain size of 0.1 mm.

4. On 11/23 the Tom James cutterhead excavated below the newly permitted cut depth for less than one minute 1 time. The Tom James excavated an average of approximately 2.0 feet and a maximum of approximately 2.0 feet below the newly permitted cut depth.

5. The bulldozer operators performed maintenance on the northern and southern temporary containment dikes, and filled in previously formed runout gullies.

6. Berm widths were not measured as the template was not graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the overburden stripping. He stated the Tom James would continue to strip overburden until sometime on Sunday, November 26, 2006.

2. I spoke with Gary Johnson (WMI) and the beach fill schedule. He stated beach fill operations should resume on November 27, 2006.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 24, 2006 OBSERVATION REPORT NO: 244

The North discharge outfall not pumping.

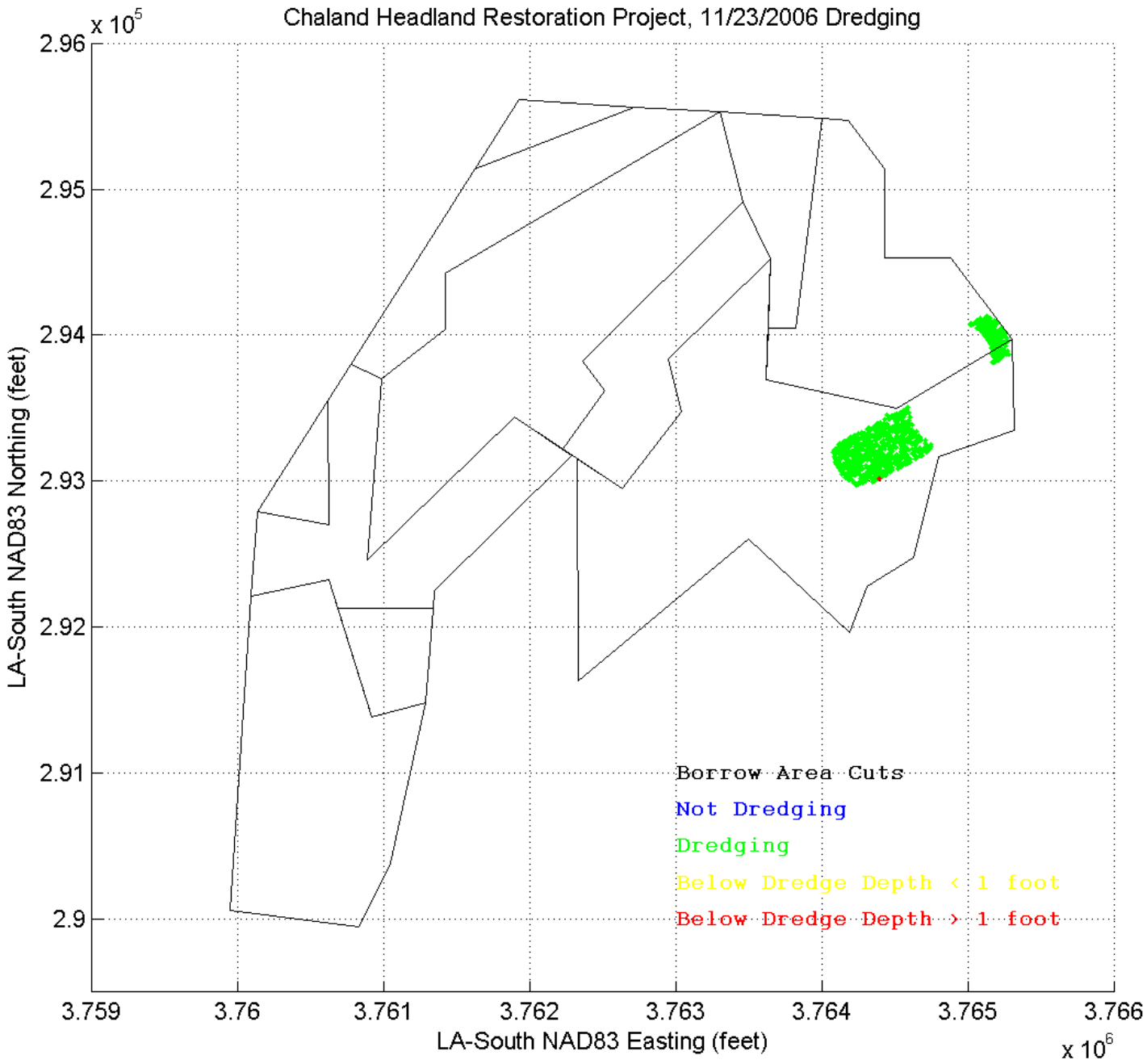
The South discharge outfall not pumping.

Looking East from Station 103+40 Range1+40, between the North and South discharge outfalls.

Wave conditions were 0 - 1/2' and calm.

A bulldozer operator filling-in a previously formed runout gully at Station 125+00.

Another bulldozer operator performing maintenance on the northern containment dike at Station 125+00.


Chaland Headland Restoration Project, 11/23/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 25, 2006 | OBSERVATION REPORT NO: 245
OBSERVER: Neil Wood | CONTRACT DAY: 375
ARRIVAL TIME: 11:50 DEPARTURE TIME: 15:00

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	0 - 1/2'
WIND SPEED AND DIRECTION:	0 - 5 mph, NE
TEMPERATURE:	68° F
CONSTRUCTION ACTIVITY:	Temporary dike maintenance and preliminary grading.
NORTH OUTFALL LOCATION:	Station 103+80 Range 1+00
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	Station 103+00 Range 1+80
NORTH CONTAINMENT DIKE LOCATION:	Station 130+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 132+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications			
1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	
Project Site			
5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	
Site Preparation			
8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		
Primary Dikes			
10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	
Borrow Area			
13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Stripping overburden.		Observation #2
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #4
Beach Fill			
16.	Are sand dredging and discharge operations being conducted at this time?	No	Observation #1
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH092, Sta. 104+00 Ra. 1+10 (N 29.30926° W 89.75257°)		Observation #3
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 25, 2006 OBSERVATION REPORT NO: 245

23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach today. The north outfall was located near Station 103+80 Range 1+00 and pointed east. The south outfall was located near Station 103+00 Range 1+80 and pointed east.

2. The Tom James is stripping overburden in the borrow area today. The Tom James moved to the Northwest corner of the borrow area yesterday and has remained there since.

3. Sand sample CH092 was taken near Station 104+00 Range 1+10 (N 29.30926° W 89.75257°). The Munsell color of the representative sand sample taken at this location was 5Y-3/1 (Very Dark Gray) and had an approximate grain size of 0.1 mm.

4. On 11/24 the Tom James cutterhead excavated below the required strip depth between 8:26 and 9:13 and between 11:07 and 12:09. Between 8:26 and 9:13 the Tom James excavated an average of approximately 0.3 feet and a maximum of approximately 0.4 feet below the required strip depth. Between 11:07 and 12:09 the Tom James excavated an average of approximately 0.3 feet and a maximum of approximately 1.7 feet below the required strip depth. Excluding these occasions the Tom James cutterhead excavated below the required strip depth for less than 10 minutes on several occasions. The Tom James excavated an average of approximately 0.3 feet and a maximum of approximately 2.8 feet below the required strip depth.

5. The WMI DQCR states the Bayou Princess was operable/idle yesterday, while it remained in Grand Isle for repairs and had to be lifted out of the water for shaft work.

6. The bulldozer operators performed maintenance on the northern and southern temporary containment dikes. They also performed preliminary grading from Station 120+00 to Station 130+00 between the northern dune crest and the runout trench. Preliminary grading was also performed in the vicinity of the discharge outfalls, Station 100+00 to Station 103+40, between the pipeline corridors and seaward of the southern corridor.

7. Berm widths were not measured as the template was not graded east of Station 99+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 25, 2006 OBSERVATION REPORT NO: 245

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson about going out to the Tom James on November 26, 2006. He said they would be stripping overburden all day and it would be a good day to go.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

The North discharge outfall not pumping.

The South discharge outfall not pumping.

A bulldozer operator and one of the shore crew transporting a fuel container to the beach.

Bulldozer operator grading the landing.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: November 25, 2006 OBSERVATION REPORT NO: 245

No discharging to the marsh today.

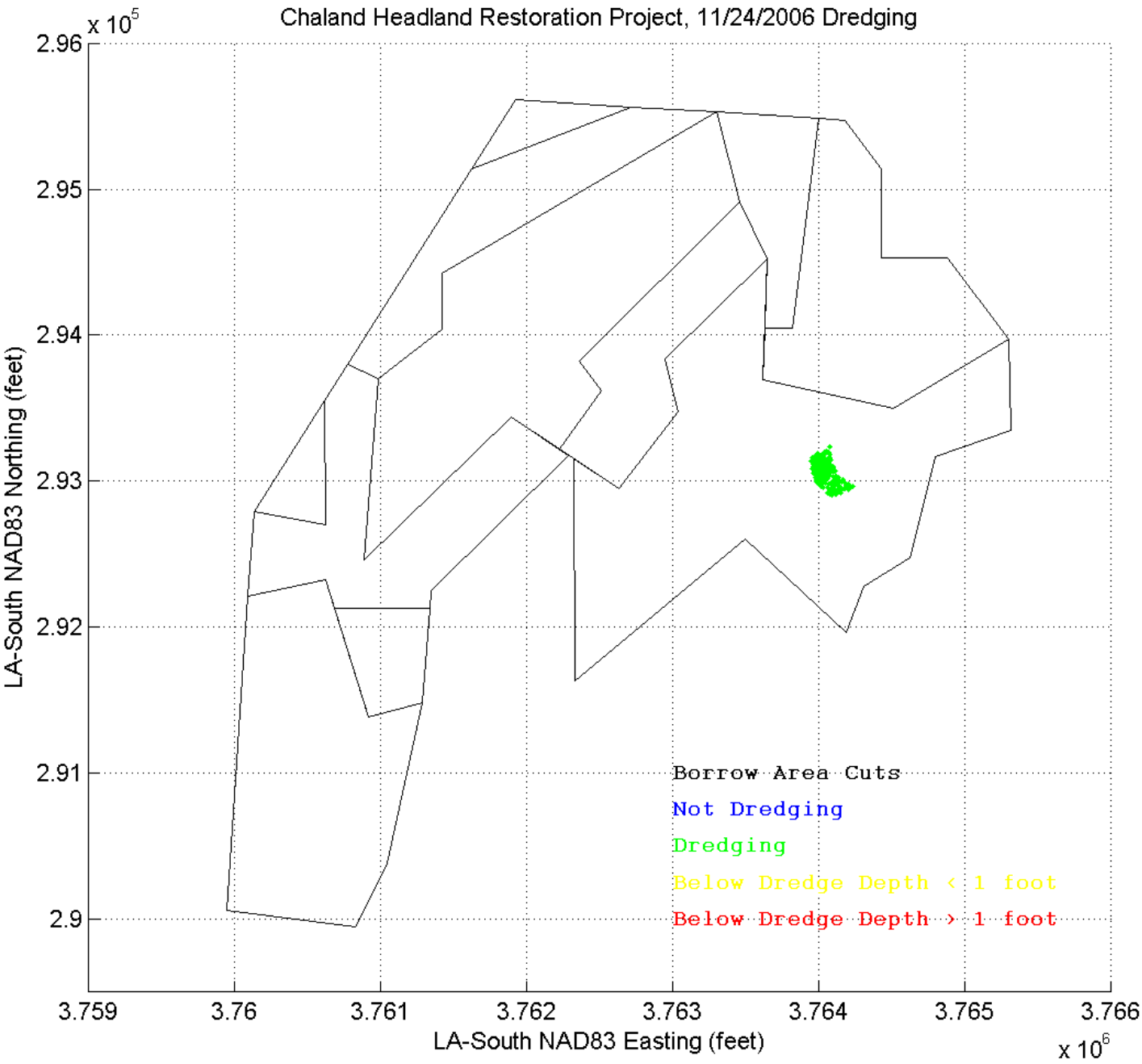
The wave conditions were 0 - 1/2'.

Preliminary grading, Station 125+00 looking East, between the northern dune crest and the runout trench.

A can of soda discarded to the beach by a bulldozer operator.

Looking West from Station 125+00. The line of grade stakes represent the northern dune crest location, 1-2' below grade.

Preliminary grading between the northern and southern pipeline corridors.


Chaland Headland Restoration Project, 11/24/2006 Dredging
x 10^5
2.96
2.95
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LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
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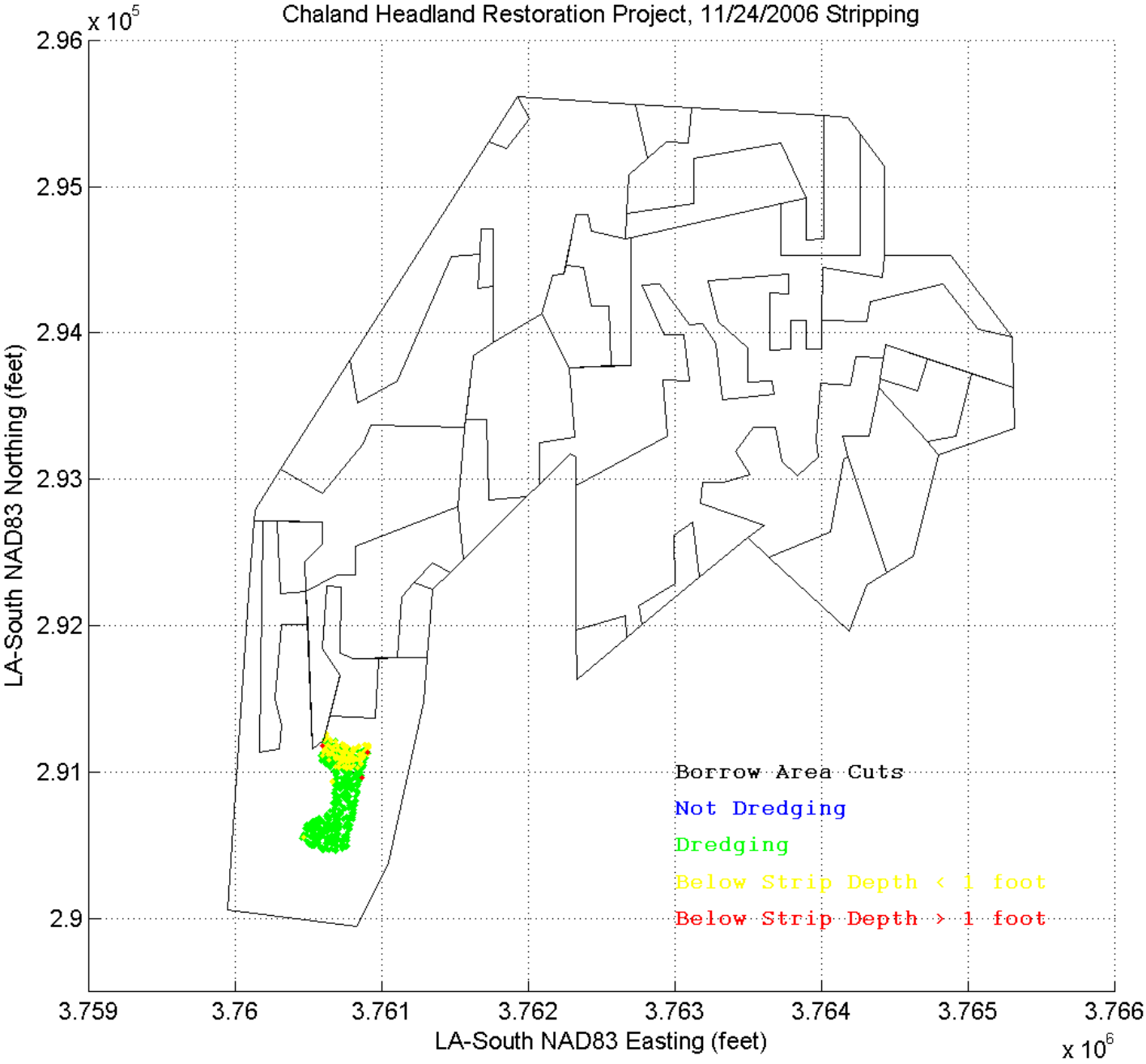
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/24/2006 Stripping
x 10^5
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LA-South NAD83 Northing (feet)
3.759
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3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 26, 2006 | OBSERVATION REPORT NO: 246
OBSERVER: Neil Wood | CONTRACT DAY: 376
ARRIVAL TIME: 12:30 | DEPARTURE TIME: 14:30
15:30 | 16:00

WEATHER CONDITIONS:	Sunny
WAVE HEIGHT AND DIRECTION:	0 - 2'
WIND SPEED AND DIRECTION:	0 - 5 mph, NNE
TEMPERATURE:	70° F
CONSTRUCTION ACTIVITY:	Temporary dike maintenance and preliminary grading.
NORTH OUTFALL LOCATION:	Station 103+80 Range 1+00
SOUTH OUTFALL LOCATION:	Station 103+00 Range 1+80
NORTH CONTAINMENT DIKE LOCATION:	Station 130+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 132+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Borrow area buoy inconsistency.		Observation #4
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Stripping overburden.		Observation #2
14.	Are the borrow area buoys in place and working properly?	No	Observation #4
15.	Was dredging occurring outside of the borrow area limits yesterday?	Yes	Observation #3

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #5
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 26, 2006 OBSERVATION REPORT NO: 246

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach today. The north outfall was located near Station 103+80 Range 1+00 and pointed east. The south outfall was located near Station 103+00 Range 1+80 and pointed east.

2. The Tom James is stripping overburden in the borrow area today. During a visit to the dredge, no borrow area buoys were observed around the perimeter of the borrow area. Per Technical Provision 23, lighted buoys shall be maintained throughout the duration of the project .

3. a) The Tom James cutterhead excavated approximately 30 feet outside the horizontal limits of the borrow area for less than 2 minutes 7 times between 16:55 and 23:08.

   b) The Tom James cutterhead excavated below the required strip depth for less than 1 minute 3 times. The Tom James excavated an average of approximately 1.0 feet and a maximum of approximately 1.7 feet below the required strip depth.

4. The WMI DQCR stated the borrow area buoys were in place and operating. The visit to the borrow area location proved otherwise. See discussion item #1.

5. Berm widths were not measured as the template was not graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Captain Frank Gill (WMI) onboard the Tom James about the borrow area buoys. He said to go ask the surveyor where they are. Jason Settle (WMI), the surveyor onboard the Tom James, stated the borrow area buoys have probably all drifted out of place because all the storms. The two of us went outside and looked 360° around the dredge. No borrow area buoys were present.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 Yes. The borrow area buoys not being present. See observation #4.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 26, 2006 OBSERVATION REPORT NO: 246

The North discharge outfall not pumping.

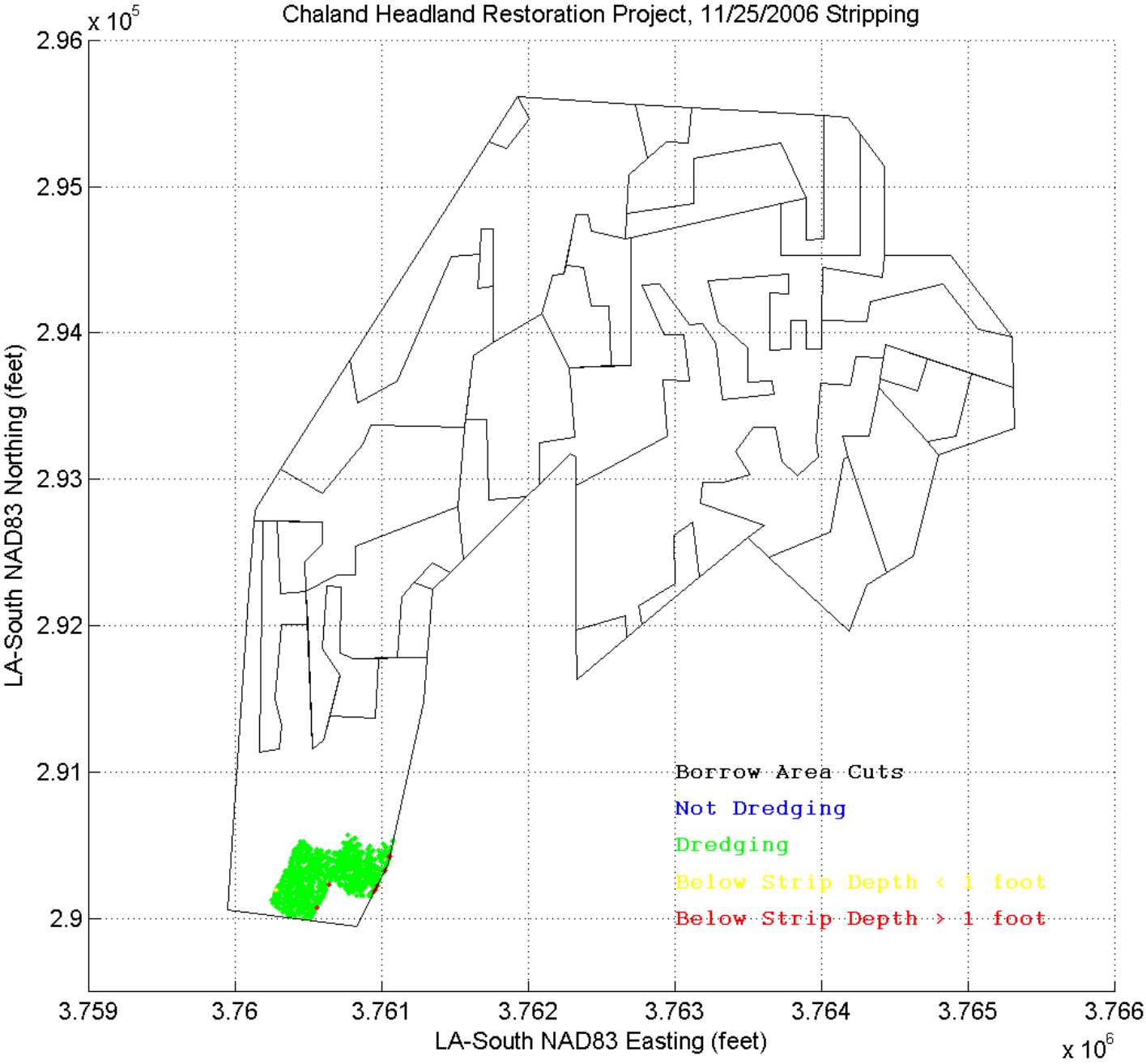
The South discharge outfall not pumping.

The Tom James stripping overburden in 8A.

The overburden discharge pipeline extending approximately 2,000' from the stern of the Tom James.

The wave conditions were 1 - 2' at sea. This picture was taken looking South just off the starboard side of the Tom James.

The wave conditions were 0 - 1' on the beach.


Chaland Headland Restoration Project, 11/25/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
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2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 27, 2006 | OBSERVATION REPORT NO: 247
OBSERVER: Neil Wood | CONTRACT DAY: 377
ARRIVAL TIME: 13:30 DEPARTURE TIME: 16:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: 1 - 2'
WIND SPEED AND DIRECTION: 0 - 5 mph, NE
TEMPERATURE: 65° F

CONSTRUCTION ACTIVITY: Beach fill.
NORTH OUTFALL LOCATION: Station 103+80 Range 1+00
SOUTH OUTFALL LOCATION: Station 103+00 Range 1+80
NORTH CONTAINMENT DIKE LOCATION: Station 130+00
SOUTH CONTAINMENT DIKE LOCATION: Station 132+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 135+68
MARSH FILL AREA EXTENT LOCATION: Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach fill.		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	Yes	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH093, Sta. 103+80 Ra. 0+90 (N 29.30932° W 89.75263°)		Observation #2
20.	Has a discharge sample been collected?	Yes	Observation #3
21.	Does the material appear to meet technical requirements?	No	Observation #1
22.	Were the constructed berms measured?	No	Observation #5
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 27, 2006 OBSERVATION REPORT NO: 247

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Placement of borrow area buoys.	Yes	Discussion #1
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	No	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the beach today. The north outfall was located near Station 103+80 Range 1+00 and pointed east. The south outfall was located near Station 103+00 Range 1+80 and pointed east. The beach fill discharge appeared to have a higher percentage of silt than previous days. The fill material appeared to be thicker than normal and flowed more slowly than during previous observations. See discussion item #3.

2. Sand sample CH093 was taken near Station 103+80 Range 0+90 (N 29.30932° W 89.75263°). The Munsell color of the representative sand sample taken at this location was 2.5Y-2.5/1(Black) and had an approximate grain size less than 0.1 mm.

3. A discharge sample was collected and brought back to the quarters barge for further analysis. The sample was collected from the North discharge at 14:30. After 16 hours of settling time the sample has a 1/4" layer of water on top of it. The sample remains in a 1000mL graduated cylinder for future monitoring. The sand/silt interface was not visible.

4. a) The Tom James cutterhead excavated approximately 30 feet outside the horizontal limits of the borrow area for less than 2 minutes 13 times between 00:07 and 06:33.

   b) The Tom James cutterhead excavated below the required strip depth for less than 4 minutes on several occasions. The Tom James excavated an average of approximately 1.6 feet and a maximum of approximately 3.1 feet below the required strip depth.

5. Berm widths were not measured as the template was not graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the missing borrow area buoys. He stated there were extras onboard the Tom James and they would be placed around the perimeter of the borrow area.

2. I spoke with Paul Stewart (WMI) about the location of the dredge. He stated the Tom James remained in cut #8A all day today.

3. I spoke with Gordon Thomson (CPE) about the quality of the discharged beach fill material and that it did not appear consistent with the material discharged on previous days.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 27, 2006 OBSERVATION REPORT NO: 247

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

The North discharge outfall pumping.

The South discharge outfall pumping.

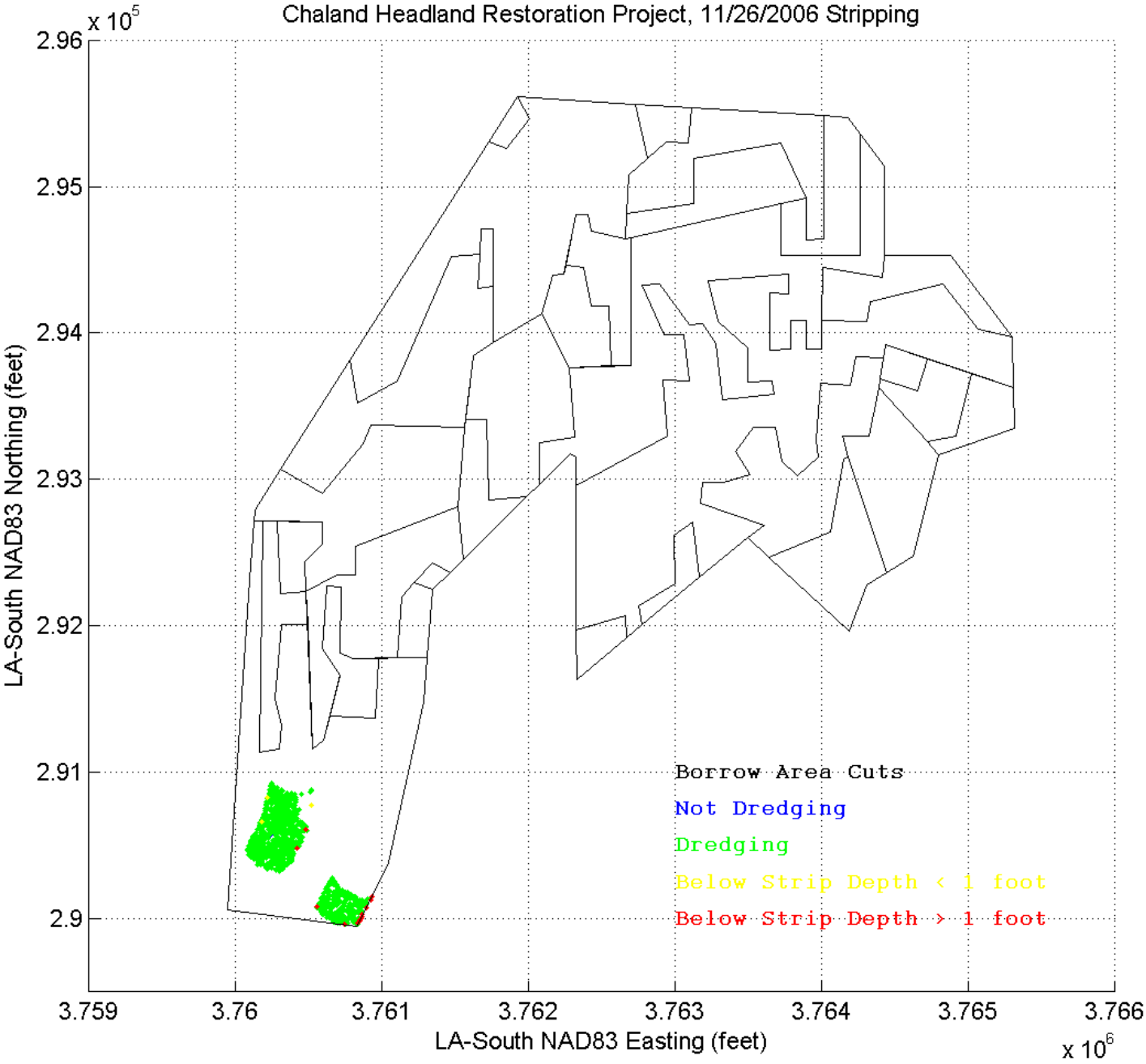
Close up view of the North discharge outfall material.

Looking East at the beach fill from Station 103+80 Range 0+90.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 27, 2006 OBSERVATION REPORT NO: 247

The weather conditions were 1 - 2' seas and choppy with partly cloudy skies.


Chaland Headland Restoration Project, 11/26/2006 Stripping
x 10^5
2.96
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2.93
2.92
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LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 28, 2006 | OBSERVATION REPORT NO: 248
OBSERVER: Neil Wood | CONTRACT DAY: 378
ARRIVAL TIME: 13:00 DEPARTURE TIME: 16:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: 1 - 2'
WIND SPEED AND DIRECTION: 5 - 10 mph, N
TEMPERATURE: 67° F

CONSTRUCTION ACTIVITY: Beach fill.
NORTH OUTFALL LOCATION: Station 103+80 Range 1+00
SOUTH OUTFALL LOCATION: Station 103+00 Range 1+80
NORTH CONTAINMENT DIKE LOCATION: Station 130+00
SOUTH CONTAINMENT DIKE LOCATION: Station 132+00
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 135+68
MARSH FILL AREA EXTENT LOCATION: Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #2
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach fill.		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	
	Location:		
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	No	Observation #1
22.	Were the constructed berms measured?	No	Observation #5
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 28, 2006 OBSERVATION REPORT NO: 248

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Mechanics worked on bulldozers #8833 & #8827	Yes	Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the beach today. The north outfall was located near Station 103+80 Range 1+00 and pointed east. The south outfall was located near Station 103+00 Range 1+80 and pointed east. The beach fill discharge material appeared to have a higher silt content and was representative of "mud".

2. Two mechanics came out to the project site to perform repairs to bulldozers #8833 & #8827. While one of the bulldozers remained operable, the other one was not. The WMI DQCR states that all bulldozers on the project site are operable. This conflicts with what was observed at the landing.

3. The southern temporary containment dike overflowed around Station 108+50. The beach fill material seemed resistant to flow and accumulated in the area between the discharge outfalls and the overflowed area at Station 108+50. Several pictures of this area are included on the next page.

4. On 11/27 the Tom James cutterhead excavated below the required strip depth for less than 3 minutes on several occasions. The Tom James excavated an average of approximately 0.5 feet and a maximum of approximately 1.6 feet below the required strip depth.

5. Berm widths were not measured as the template was not graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. None.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 28, 2006 OBSERVATION REPORT NO: 248

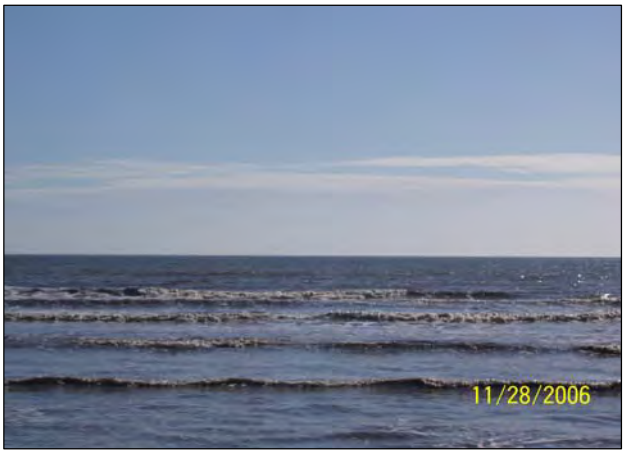
The North discharge outfall pumping.

The South discharge outfall pumping.

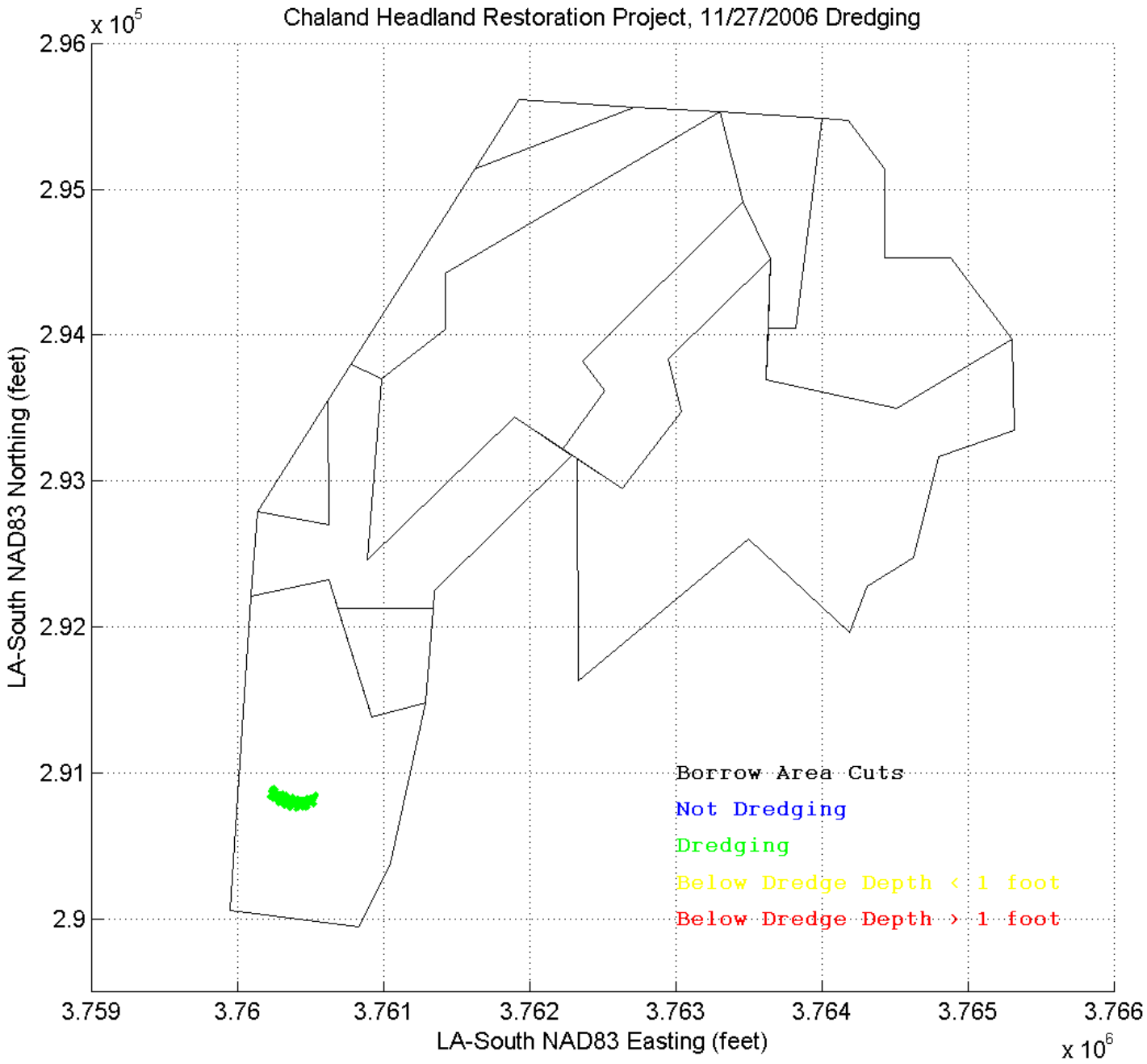
The southern containment dike overflow area at Station 108+50.

Looking West at the overflowed area from Station 108+50.

The seaward view from the same location as the previous two pictures.



Wave conditions were approximately 1 - 2'.


Chaland Headland Restoration Project, 11/27/2006 Dredging
x 10^5
2.96
2.95
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2.93
2.92
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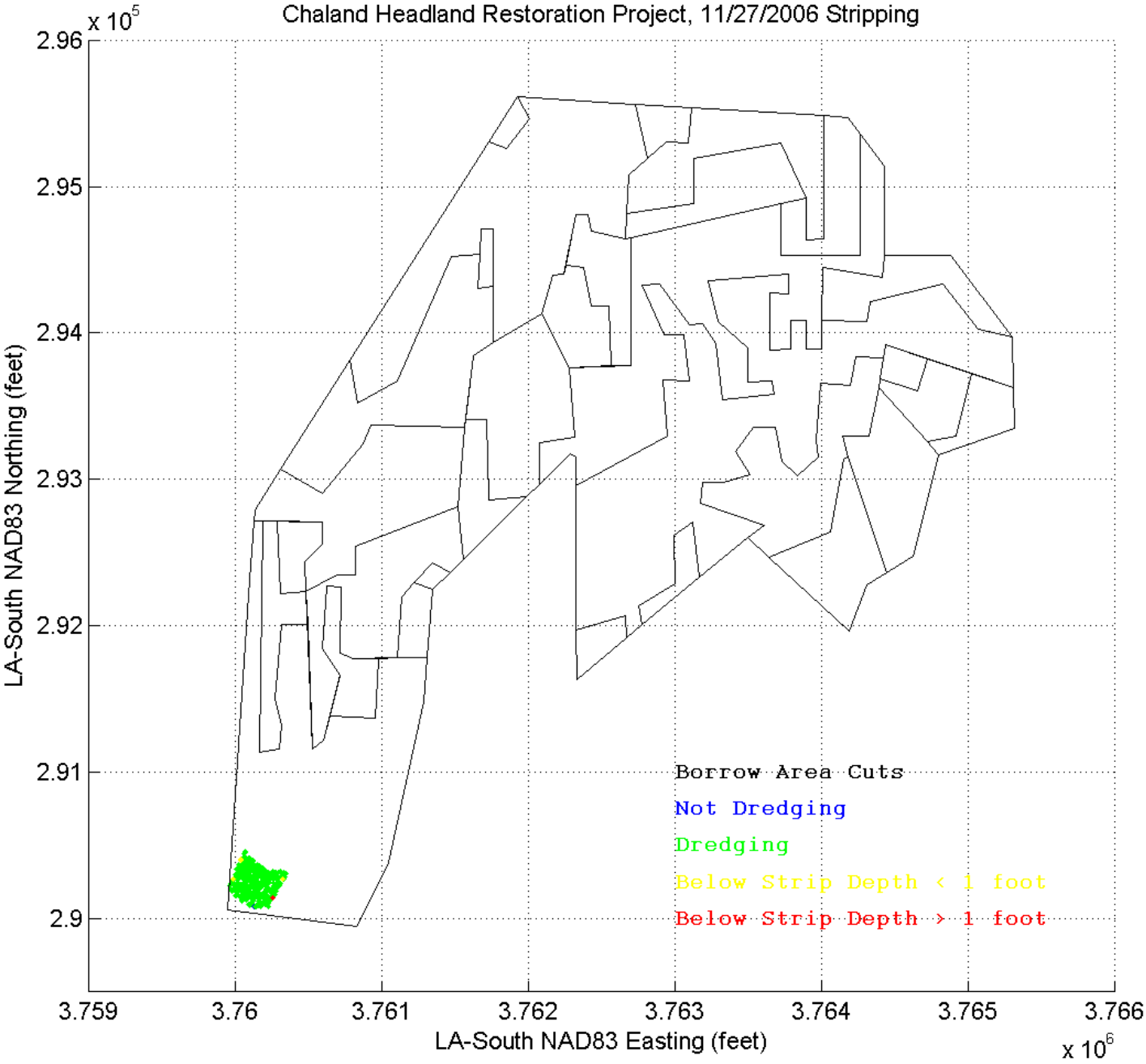
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 11/27/2006 Stripping
x 10^5
2.96
2.95
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2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 29, 2006 | OBSERVATION REPORT NO: 249
OBSERVER: Neil Wood | CONTRACT DAY: 379
ARRIVAL TIME: 12:15 | DEPARTURE TIME: 13:00
16:00 | 16:45

WEATHER CONDITIONS:	Cloudy
WAVE HEIGHT AND DIRECTION:	0 - 1'
WIND SPEED AND DIRECTION:	0 - 5 mph, ENE
TEMPERATURE:	70° F
CONSTRUCTION ACTIVITY:	Beach fill.
NORTH OUTFALL LOCATION:	Station 103+80 Range 1+00
SOUTH OUTFALL LOCATION:	Station 103+00 Range 1+80
NORTH CONTAINMENT DIKE LOCATION:	Station 130+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 132+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Operating equipment inconsistencies within the WMI DQCR.		Observation #2
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach fill.		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH094, Sta. 104+00 Ra. 0+90 (N 29.30931° W 89.75256°)		Observation #3
20.	Has a discharge sample been collected?	No	
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #4
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 29, 2006 OBSERVATION REPORT NO: 249

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Mechanics worked on bulldozers #8833 & #8827	Yes	Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was discharged to the beach today. The north outfall was located near Station 103+80 Range 1+00 and pointed east. The south outfall was located near Station 103+00 Range 1+80 and pointed east. The quality of the beach fill discharge material appeared to be better than the material pumped yesterday.

2. Two mechanics came out to the project site to perform repairs to bulldozers #8833 & #8827. While one of the bulldozers remained operable, the other one was not. The WMI DQCR states that all bulldozers on the project site are operable. This is inconsistent with the WMI DQCR.

3. Sand sample CH094 was taken near Station 104+00 Range 0+90 (N 29.30931° W 89.75256°). The Munsell color of the representative sand sample taken at this location was 2.5Y-3/1 (Very Dark Gray) and had an approximate grain size less than 0.1 mm.

4. Berm widths were not measured as the template was not graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the sand fencing on the as-built drawings. He stated the drawings depict the sand fencing for the original design and asked how they should be updated to accommodate the redesign. I told him I would ask Gordon Thomson (CPE) about the matter or we could discuss it at the Bi-weekly meeting tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 Yes. A field adjustment report for the sand fence location.

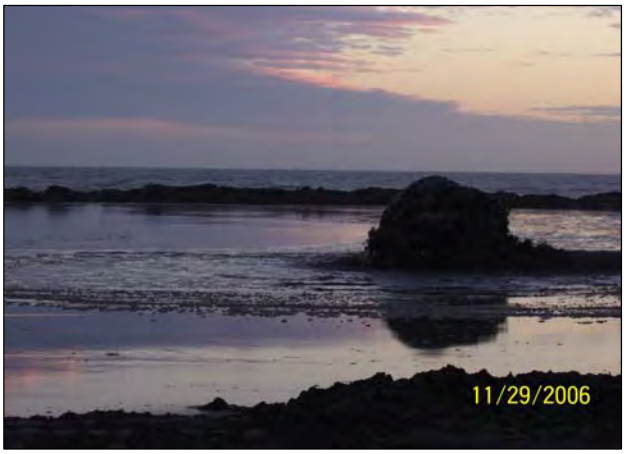
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: November 29, 2006 OBSERVATION REPORT NO: 249

The North discharge outfall pumping.

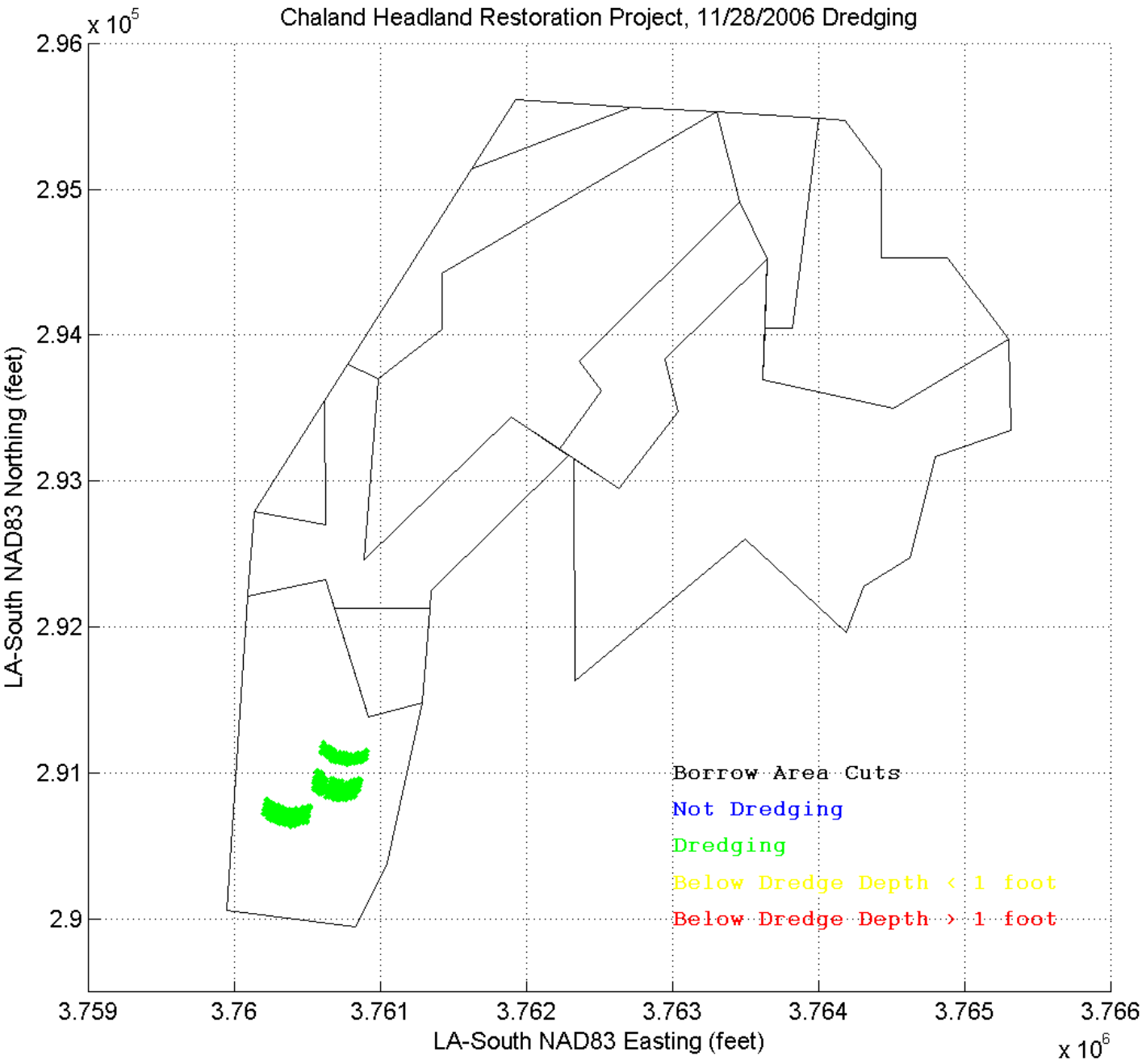
The South discharge outfall pumping.

Mechanics working on one of the bulldozers. This particular bulldozer has remained at the landing since 11-26-06.



Looking at the North discharge outfall from the northern dune crest. The material was flowing a little better than yesterday.

The wave conditions were 0 - 1'.


Chaland Headland Restoration Project, 11/28/2006 Dredging
x 10^5
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LA-South NAD83 Northing (feet)
3.759
3.76
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3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: November 30, 2006 | OBSERVATION REPORT NO: 250
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 380
ARRIVAL TIME: 8:45 | DEPARTURE TIME: 11:15
12:00 | 14:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 1'-2'
WIND SPEED AND DIRECTION:	SSE 10-15 mph
TEMPERATURE:	65°-70° F
CONSTRUCTION ACTIVITY:	Beach Preparation
NORTH OUTFALL LOCATION:	Station 103+80
SOUTH OUTFALL LOCATION:	Station 103+00
NORTH CONTAINMENT DIKE LOCATION:	Station 130+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 132+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #2
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: November 30, 2006 OBSERVATION REPORT NO: 250

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	N/A
25.	Is an acceptance survey for a completed section being conducted today? Location:	No
26.	Are sand fencing operations being conducted? Post location: Fence location:	No
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Jason Manthey (NOAA), Rachel Sweeney (NOAA), Gordon Thomson (CPE), Brian Kendrick (KE), Neil Wood (CPE), and I visited the project site prior to the bi-weekly meeting. Ted Jackson (Time Picayune) was also on site taking photographs of the project.

2. Material was not discharged to the beach or the marsh creation area. See discussion item #1.

3. An orange silt curtain remains in the marsh creation area near Station 106+64 Range -2+00. See discussion item #2.

4. Grade stakes remained in the marsh creation area between Station 53+40 and Station 72+75. See discussion item #3.

5. Capped PVC marsh pipes were located in the marsh creation area near Station 53+40.

6. The pipe barge located near Station 58+23 Range -12+00 was surrounded by a diaper sausage boom. Dark material was observed on the diaper sausage boom near the interface between the marsh creation area and the canal. See discussion item #4.

7. Dredging inconsistencies were observed in the 11/29 WMI Daily Quality Control Repot (DQCR). The DQCR summary states that the marsh discharge was active while the item #1, work performed, and the Daily Dredge Report (DDR) did not state that material was pumped to the marsh creation area.

8. Berm widths were not measured as the template has not been graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James stopped pumping and returned to a safe harbor at Grand Isle around 08:00 due to anticipated rough weather. Paul said that the conditions will be checked tomorrow morning to determine whether the dredge can return to the borrow area to continue pumping sand to the beach in the afternoon.

2. I spoke with Paul Stewart (WMI) about the orange silt curtain observed in the marsh creation area near Station 106+64 Range -2+00. Paul stated that he will have the debris removed tomorrow.

DATE: November 30, 2006 OBSERVATION REPORT NO: 250

3. I spoke with Paul Stewart (WMI) about the grade stakes in the marsh creation area between Station 53+40 and Station 72+75. Paul stated that the WMI survey crew attempted to remove all marsh grade stakes in accepted marsh sections. Paul said that the remaining grade stakes could not be accessed by the airboat or by survey crew as the material was too dry for the airboat and too soft for walking. Paul stated that another attempt will be made to pull these grade stakes after the material further dewaters.

4. I spoke with Paul Stewart (WMI) about the diaper sausage boom around the pipe barge located near Station 58+23 Range -12+00. Paul stated that one of the Hunt Petroleum pipelines was leaking in this area and Hunt installed the boom to contain the leak. Rachel Sweeney (NOAA) said that she was going to follow up on this with Hunt Petroleum.

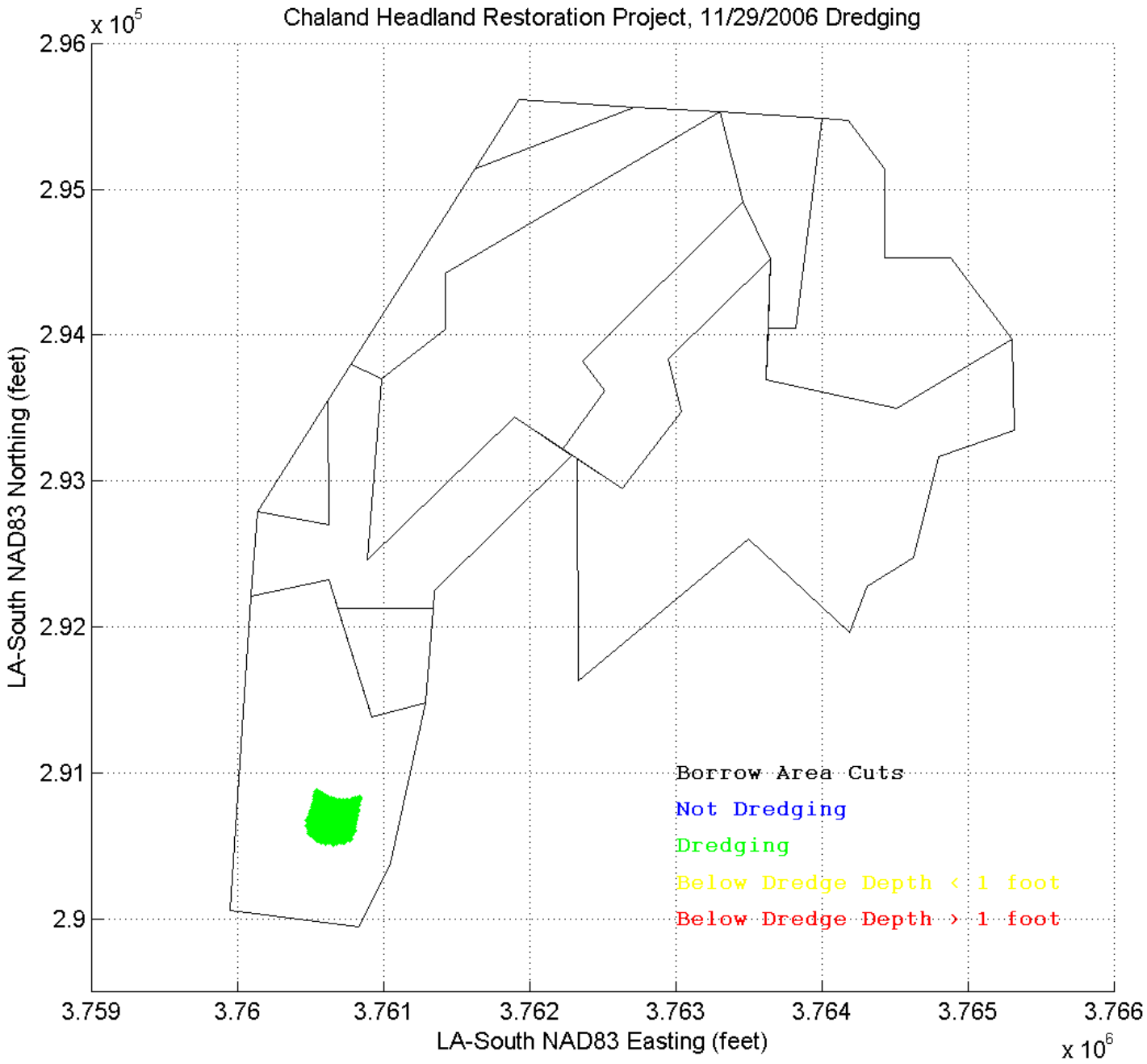
5. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew attempted to conduct check surveys between Station 120+00 and Station 130+00 but was unsuccessful as the material was too soft to survey. Tom said that check surveys were conducted between Station 130+00 and Station 138+75.

6. Jason Manthey (NOAA), Rachel Sweeney (NOAA), Gordon Thomson (CPE), Brian Kendrick (KE), Neil Wood (CPE), and Paul Stewart (WMI) participated in the bi-weekly meeting. Items discussed included: the missing DDR for 10/14, the work completed to date, post-construction pay surveys and pay volumes for the beach and marsh, the construction schedule, the as-built drawings, and project completion options.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

Pictures were taken today but the cord used to download the pictures from the camera to the computer could not be found. After the pictures taken have been downloaded a revised observation report will be submitted.


Chaland Headland Restoration Project, 11/29/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 1, 2006 | OBSERVATION REPORT NO: 251
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 381
ARRIVAL TIME: 13:00 | DEPARTURE TIME: 15:00
16:00 | 17:00

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	SSW 0'-1'
WIND SPEED AND DIRECTION:	NNW 5-10 mph
TEMPERATURE:	45°-55° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 103+80
SOUTH OUTFALL LOCATION:	Station 103+00
NORTH CONTAINMENT DIKE LOCATION:	Station 130+00
SOUTH CONTAINMENT DIKE LOCATION:	Station 132+00
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Discussion #4
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	No	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	Discussion #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	Discussion #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation #3
	Location:		
20.	Has a discharge sample been collected?	No	Observation #3
21.	Does the material appear to meet technical requirements?	N/A	Observation #3
22.	Were the constructed berms measured?	No	Observation #4
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 1, 2006 OBSERVATION REPORT NO: 251

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Marsh acceptance survey.	Yes	Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	Observation #3

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not pumped to the beach or the marsh creation area. See discussion item #1.

2. Marsh acceptance surveys were conducted with the assistance of an airboat along profile lines 121+16 and 124+40. I observed these surveys from the airboat with the WMI survey crew and the observer from Fenstermaker & Associates, Matt Babineaux (CHF). See discussion item #2.

3. A sand sample and discharge sample were not collected today as beach fill operations started after sunset.

4. Berm widths were not measured as the template has not been graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that the Tom James attempted to return to the borrow area early in the day but was unable to return due to the wave conditions in the Pass. Paul said that the Tom James returned to the borrow area and began pumping material to the beach around 17:00.

2. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that marsh acceptance surveys were conducted between Station 96+96 and Station 124+40.

3. I spoke with Paul Stewart (WMI) about the completion of the project. Paul stated that WMI submitted a letter to the Government today stating that they will exhaust the Quatre Bayou borrow area and place at a minimum an additional volume of 33,419 cubic yards of sand on the beach to fulfill the contract. Paul said the base bid sand volume was 1,792,200 cubic yards of which 1,250,313 cubic yards were to be placed to fill the beach template west of Station 96+96. Paul stated that the beach has been accepted to Station 96+96 with 1,199,391 cubic yards of sand in place. Paul said that given the accepted beach fill and the initial bid volume 33,419 cubic yards of sand needs to be placed on the beach east of Station 96+96 to fulfill the contract. Paul stated that WMI will attempt to remove all available material from the borrow area before stopping beach fill operations. Paul anticipates that the borrow area, which presently has approximately 155,000 gross cubic yards of beach fill material available, will be exhausted around 12/9.

DATE: December 1, 2006 OBSERVATION REPORT NO: 251

4. I spoke with Paul Stewart (WMI) about the WMI Daily Quality Control Report (DQCR). Paul stated that the computer in the WMI field office used for email communication crashed. Paul said that he will attempt to connect his personal laptop to the Telular system to facilitate email communication.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1 No.

WMI conducting a marsh acceptance survey with the assistance of an airboat along Station 121+16.

WMI conducting a marsh acceptance survey with the assistance of an airboat along Station 124+40.

North outfall near Station 103+80 Range 1+00.

Gulf of Mexico wave conditions near Station 103+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 2, 2006 | OBSERVATION REPORT NO: 252
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 382
ARRIVAL TIME: 14:45 DEPARTURE TIME: 15:15

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	SSE 0'-1'
WIND SPEED AND DIRECTION:	NE 5-10 mph
TEMPERATURE:	45°-55° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 133+80
CENTER OUTFALL LOCATION:	Station 104+40
SOUTH OUTFALL LOCATION:	Station 103+70
NORTH CONTAINMENT DIKE LOCATION:	Station 128+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 134+50
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the 11/30 and 12/1 WMI DQCRs.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #6

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH095, Sta. 105+40 Ra. 2+90 (N 29.30872° W 89.75222°), 16:21		Observation #4
20.	Has a discharge sample been collected?	No	Observation #7
21.	Does the material appear to meet technical requirements?	No	Observation #4
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 2, 2006 OBSERVATION REPORT NO: 252

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south outfalls using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near Station 104+40 Range 1+10 and pointed east. The south outfall was located near Station 103+70 Range 2+20 and pointed east. The slurry from the center and south outfalls flowed east to the end of the south containment dike near Station 134+50 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of the south containment dike. See discussion item #1.

2. The north containment dike extended along the northern extent of the dune crest between Station 104+00 and Station 128+50 and had a crest elevation of approximately 8 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 103+00 and Station 134+50 and had a crest elevation of approximately 7 feet NAVD.

3. The north outfall was located in the marsh creation area near Station 133+80 Range -3+00. Material was not discharged to the marsh creation area.

4. Sand sample CH095 was taken near Station 105+40 Range 2+90 (N 29.30872° W 89.75222°). The Munsell color of the representative sand sample taken at this location was 5Y-3/1 (Very Dark Gray) and had an approximate grain size less than 0.1 mm. The sand sample appeared to have a silt content greater than 15% limit. See discussion item #1.

5. a) Dredge operating time inconsistencies were observed in the 11/30 WMI Daily Quality Control Report (DQCR). Item #2, result of surveillance, states that dredging stopped at 2:50 due to rough seas while the Daily Dredge Report (DDR) states that dredging stopped around 5:00 due to rough seas.

   b) Dredge operating inconsistencies were observed in the 11/30 WMI Daily Quality Control Report (DQCR). Item #6, dredge status, states that the Tom James was operating under normal conditions while item #2, result of surveillance, and the Daily Dredge Report (DDR) state that the Tom James returned to a safe harbor due to rough seas.

   c) The 11/30 cutterhead xyz data submitted was corrupted between 23:35 and 23:54. According to the 11/30 Daily Dredge Report (DDR) the Tom James was in a safe harbor during this interval.

   d) Dredge operating time inconsistencies were observed in the 12/1 WMI Daily Quality Control Report (DQCR). Item #2, result of surveillance, states that the Tom James returned from a safe harbor and resumed dredging operations at 3:15 while the Daily Dredge Report (DDR) states that the Tom James returned from a safe harbor and resumed dredging operations at 16:00.

   e) Dredge operating inconsistencies were observed in the 12/1 WMI Daily Quality Control Report (DQCR). Item #6, dredge status, states that the Tom James was operating under normal conditions while item #2, result of surveillance, and the Daily Dredge Report (DDR) state that the Tom James returned from a safe harbor.

DATE: December 2, 2006 OBSERVATION REPORT NO: 252

f) The 12/1 cutterhead xyz data submitted was corrupted between 0:51 and 2:43, 3:33 and 4:01, and 7:46 and 11:54. According to the 12/1 Daily Dredge Report (DDR) the Tom James was in a safe harbor during these intervals.

6. On 12/1 the Tom James cutterhead excavated below the newly permitted cut depth for less than 1 minute on 1 occasion. The Tom James excavated an average of approximately 0.7 feet and a maximum of approximately 0.7 feet below the newly permitted cut depth.

7. A discharge sample was not taken today as the graduated cylinder used to collect and analyze the sample needed to be replaced.

8. Berm widths were not measured as the template has not been graded east of Station 99+00.

9. Paul Stewart (WMI) left the Quarters Barge around 16:00. See discussion item #3.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about dredging operations. Paul stated that sand dredging in cut 7A was abandoned as the material pumped to the beach was of poor quality and made cuts in the existing beach that was taking the good material away. Paul said that the Tom James was moved to cut 6A to search for better material to pump to the beach.

2. I spoke with Eric Adaline (WMI) about the day's survey activities. Eric stated that the WMI survey crew cleaned debris at the boat landing and hauled unused conduit from the boat landing to the Quarters Barge.

3. I spoke with Paul Stewart (WMI) about his leave. Paul stated that he needed to leave the Quarters Barge immediately due to a personal emergency. Paul said that Robert Savoy (WMI), a superintendent on the original list submitted to the Government, will be the acting superintendent until Gary Johnson (WMI) returns on either 12/5 or 12/6. Paul stated that Robert will arrive on the Quarters Barge tomorrow morning.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Center outfall near Station 104+40 Range 1+10.

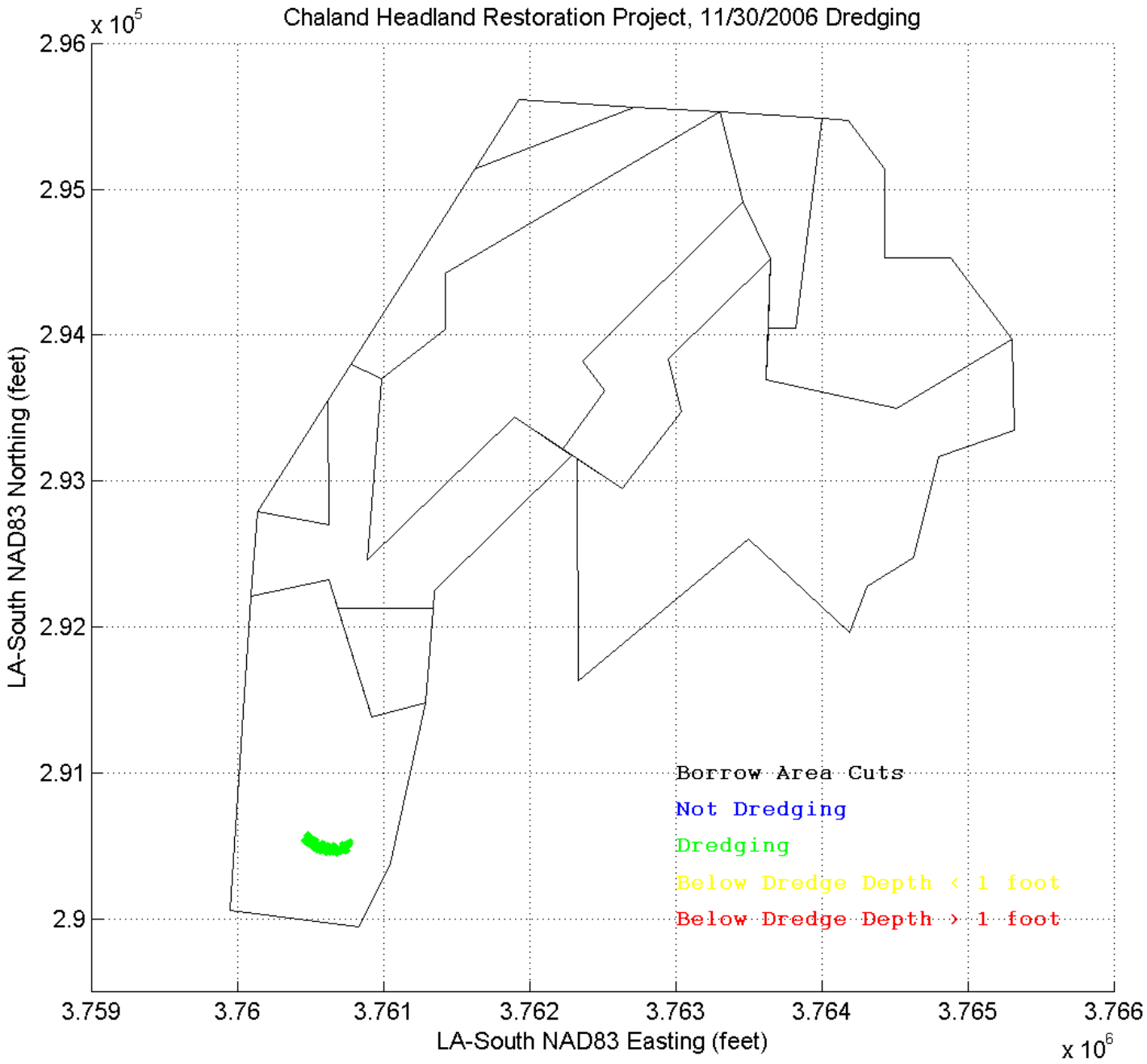
South outfall near Station 103+70 Range 2+20.

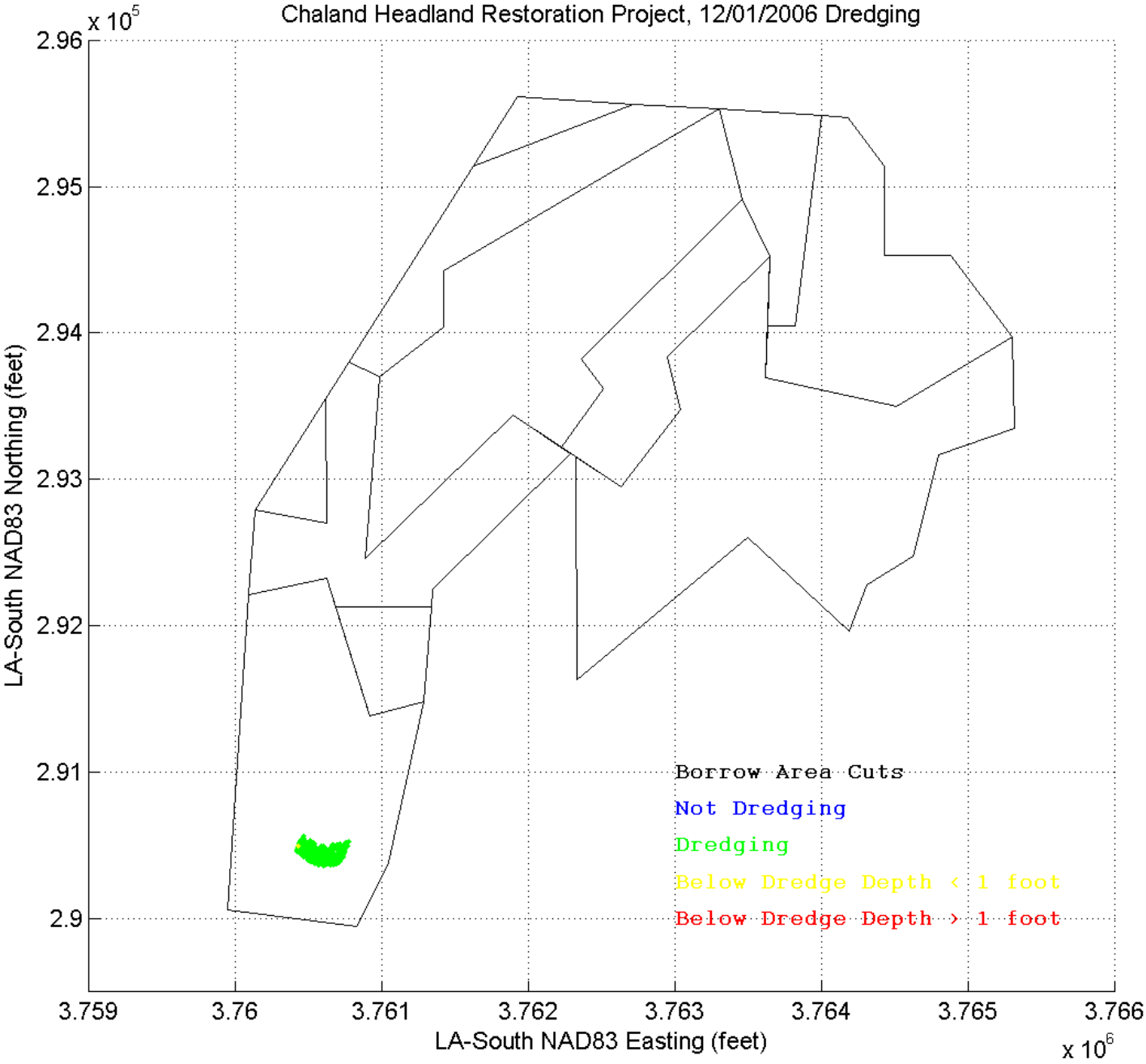
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: December 2, 2006 OBSERVATION REPORT NO: 252

Cut in existing beach fill caused by the slurry flow.

Gulf of Mexico wave conditions near Station 104+00.


Chaland Headland Restoration Project, 11/30/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 12/01/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 3, 2006 | OBSERVATION REPORT NO: 253
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 383
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 12:30
15:30 | 17:15

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	SW 0'-1'
WIND SPEED AND DIRECTION:	NW 5-10 mph
TEMPERATURE:	45°-55° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 133+80
CENTER OUTFALL LOCATION:	Station 104+70
SOUTH OUTFALL LOCATION:	Station 103+70
NORTH CONTAINMENT DIKE LOCATION:	Station 128+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 134+50
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH096, Sta. 107+00 Ra. 3+00 (N 29.30863° W 89.75172°), 10:58		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #9
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 3, 2006 OBSERVATION REPORT NO: 253

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south outfalls using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near Station 104+70 Range 1+20 and pointed east. The south outfall was located near Station 103+70 Range 2+20 and pointed east. The slurry from the center and south outfalls flowed east to the end of the south containment dike near Station 134+50 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of the south containment dike. See discussion item #1.

2. The north containment dike extended along the northern extent of the dune crest between Station 104+00 and Station 128+50 and had a crest elevation of approximately 8 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 103+00 and Station 134+50 and had a crest elevation of approximately 7 feet NAVD.

3. The north outfall was located in the marsh creation area near Station 133+80 Range -3+00. Material was not discharged to the marsh creation area.

4. Two bulldozers pushed the top layer of sediment between the north and south containment dikes near Station 107+00 into the slurry flow channel. See discussion item #2.

5. Sand sample CH096 was taken near Station 107+00 Range 3+00 (N 29.30863° W 89.75172°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the center outfall was taken at 10:45 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1-hour marks. After settling for 15 minutes the air/water interface was near the 1000 mL level, the water/silt interface was near the 600 mL level, and the silt/sand interface was near the 100 mL level. After settling for 1 hour the air/water interface was near the 1000 mL level, the water/silt interface was near the 500 mL level, and the silt/sand interface was near the 150 mL level.

7. a) Discharge location inconsistencies were observed in the 12/2 WMI Daily Quality Control Report (DQCR). The DQCR summary states that the beach discharge was located at Station 103+75 while the Daily Dredge Report (DDR) states that the beach discharge was located at Station 104+50.

   b) The 12/2 cutterhead xyz data submitted was corrupted between 0:26 and 0:34. According to the 12/2 Daily Dredge Report (DDR) the Tom James was operating during this interval.

8. On 12/2 the Tom James cutterhead excavated approximately 30 feet outside the horizontal limits of the borrow area for less than 1 minute 9 times.

DATE: December 3, 2006 OBSERVATION REPORT NO: 253

9. Berm widths were not measured as the template has not been graded east of Station 99+00.

10. Robert Savoy (WMI) arrived on the Quarters Barge around 9:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Robert Savoy (WMI) about dredging operations. Robert stated that sand dredging in cut 6A was abandoned as the material pumped to the beach was of poor quality. Robert said that the dredge moved to cut 9A and began stripping operations to uncover the sand in this cut. Robert stated that the dredge will begin pumping sand to the beach from cut 9A tomorrow.

2. I spoke with Robert Savoy (WMI) about the bulldozer operations. Robert stated that the bulldozers moved the surface layer of silt from the fill area to the slurry flow channel so that when material is pumped to the beach the silt will wash out.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Center outfall near Station 104+40 Range 1+10.

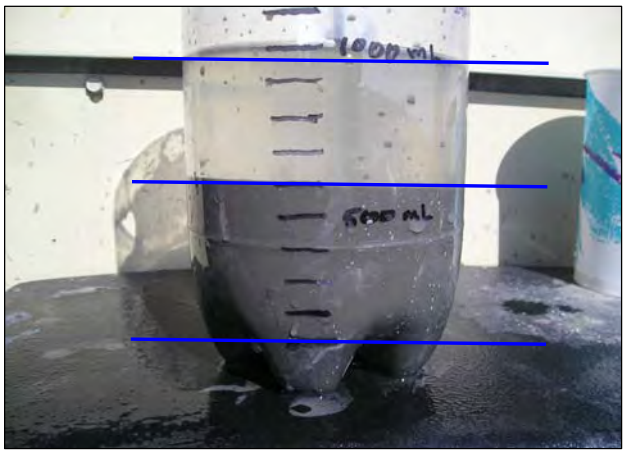
South outfall near Station 103+70 Range 2+20.

Bulldozer pushing the top layer of sediment into the slurry flow channel near Station 107+00.

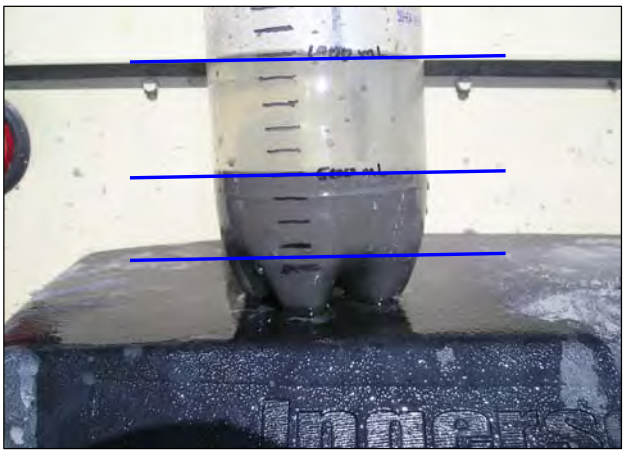
Gulf of Mexico wave conditions near Station 104+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

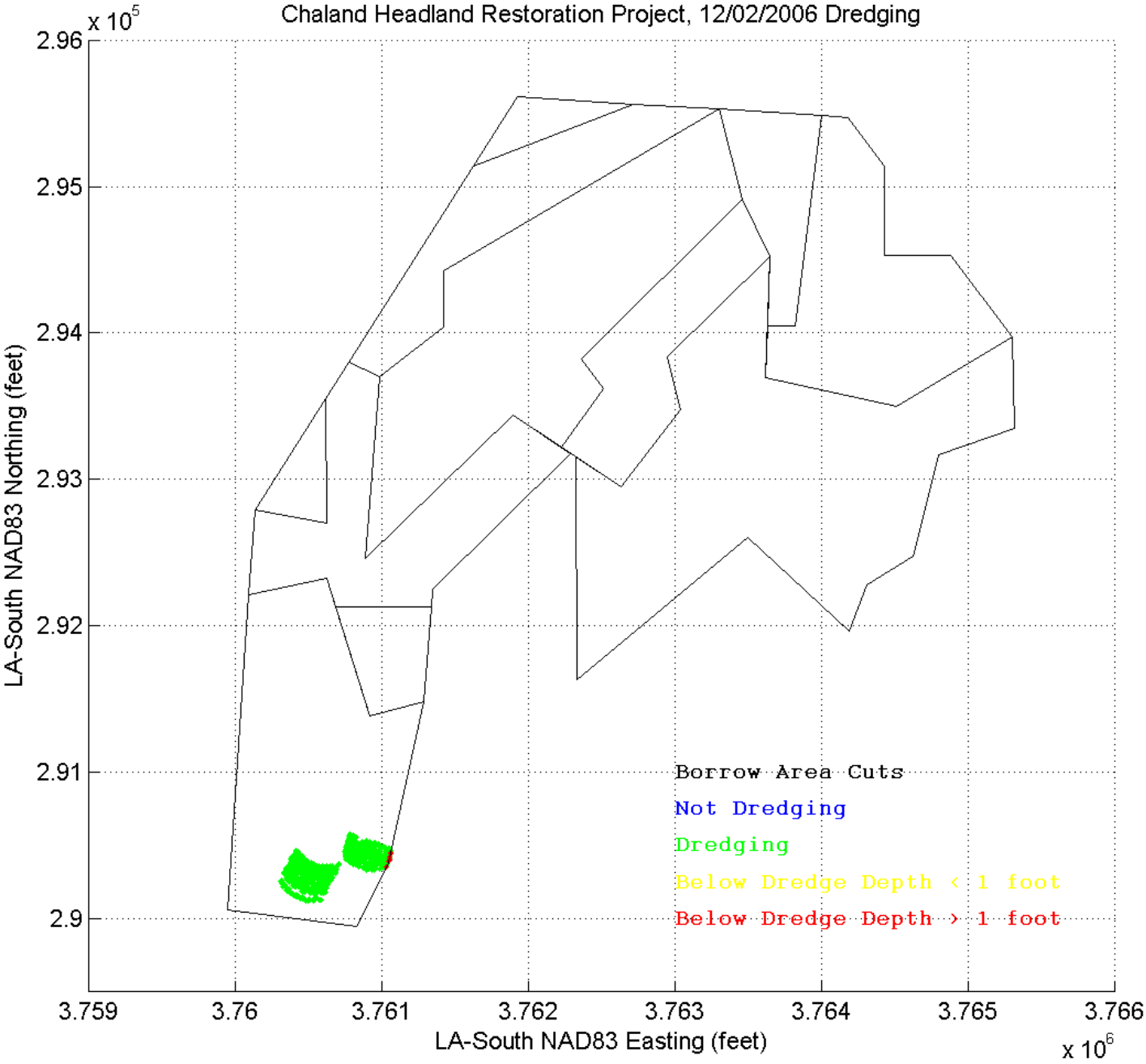
DATE: December 3, 2006 OBSERVATION REPORT NO: 253



Discharge sample after settling for 15 minutes. The blue lines show the air/water, water/silt, and silt/sand interfaces.



Discharge sample after settling for 1 hour. The blue lines show the air/water, water/silt, and silt/sand interfaces.


Chaland Headland Restoration Project, 12/02/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 4, 2006 | OBSERVATION REPORT NO: 254
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 384
ARRIVAL TIME: 14:15 | DEPARTURE TIME: 15:30
16:15 | 17:00

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: N 10-15 mph
TEMPERATURE: 45°-55° F

CONSTRUCTION ACTIVITY: Overburden Removal
NORTH OUTFALL LOCATION: Station 133+80
CENTER OUTFALL LOCATION: Station 104+70
SOUTH OUTFALL LOCATION: Station 103+70
NORTH CONTAINMENT DIKE LOCATION: Station 128+50
SOUTH CONTAINMENT DIKE LOCATION: Station 134+50
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 135+68
MARSH FILL AREA EXTENT LOCATION: Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Corrupted xyz dredge data.		Observation #3
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Overburden Removal		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #4

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Discussion #1
17.	Are grade stakes in place for the fill location?	Yes	Discussion #2
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	No	Observation #2
	Location:		
20.	Has a discharge sample been collected?	No	Observation #2
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #5
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 4, 2006 OBSERVATION REPORT NO: 254

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	Discussion #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area. See discussion item #1.

2. A sand sample and a discharge sample were not collected today as beach fill operations started after sunset. See discussion item #1.

3. The 12/3 cutterhead xyz data submitted was corrupted between 2:00 and 2:12. According to the 12/3 Daily Dredge Report (DDR) the Tom James was not operating during this interval.

4. a) On 12/3 the Tom James cutterhead excavated approximately 30 feet outside the horizontal limits of the borrow area for less than 2 minutes 27 times.

   b) On 12/3 the Tom James cutterhead excavated below the required strip depth between 23:24 and 23:55. The Tom James excavated an average of approximately 0.2 feet and a maximum of approximately 0.7 feet below the required strip depth.

   c) On 12/3 the Tom James cutterhead excavated below the required strip depth for less than 2 minutes on several occasions. Excluding the interval previously described the Tom James excavated an average of approximately 0.3 feet and a maximum of approximately 0.7 feet below the required strip depth.

5. Berm widths were not measured as the template has not been graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Robert Savoy (WMI) about dredging operations. Robert stated that stripping operations stopped around 16:00 and the Tom James began pumping material to the beach around 17:00.

2. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the survey crew checked grade and replaced as necessary. Tom said that check surveys of the placed beach fill will be conducted tomorrow.

3. I spoke with Robert Savoy (WMI) about the project oversight. Robert stated that Gary Johnson (WMI) will return to the project site on Wednesday or Thursday of this week.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

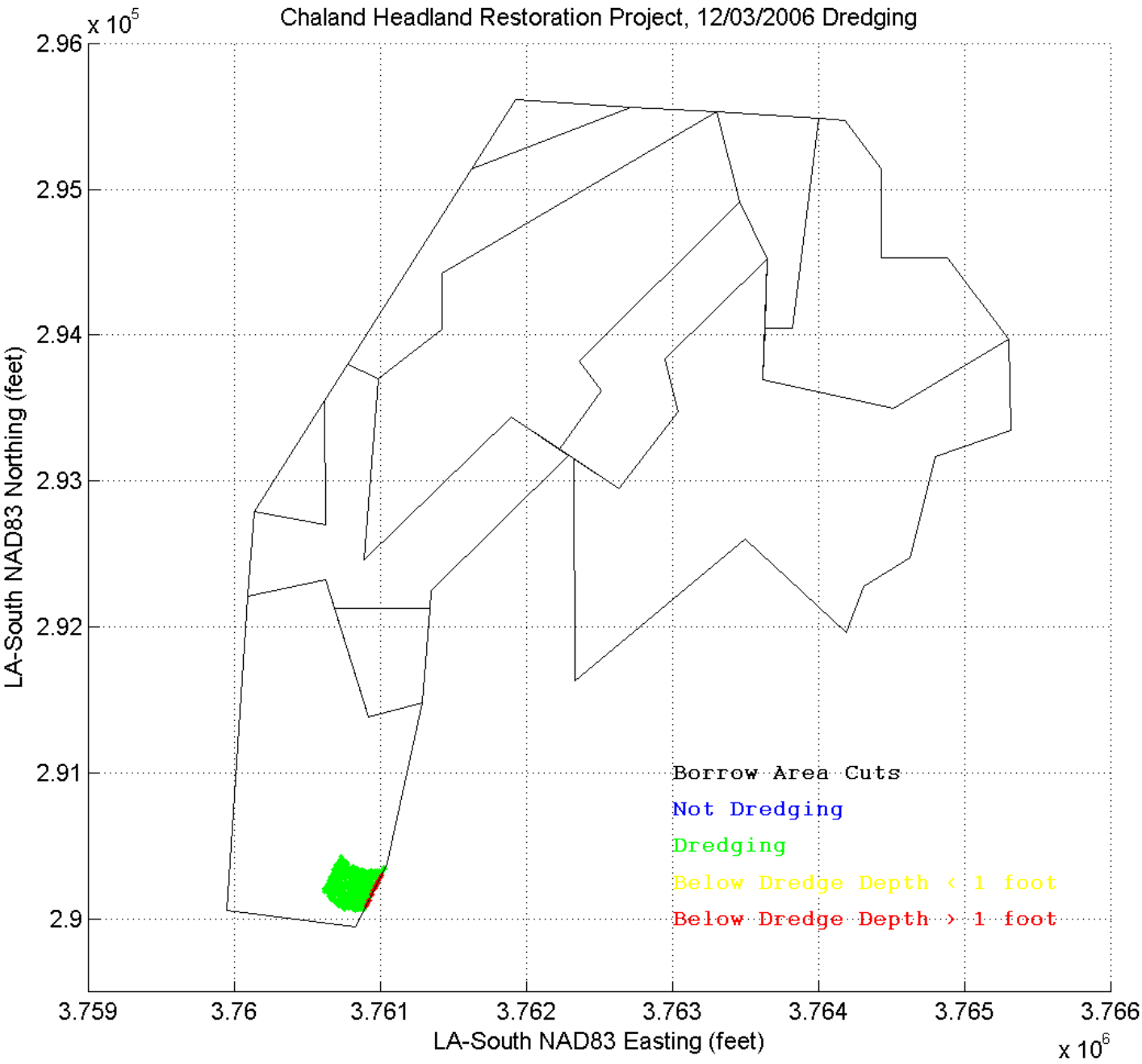
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

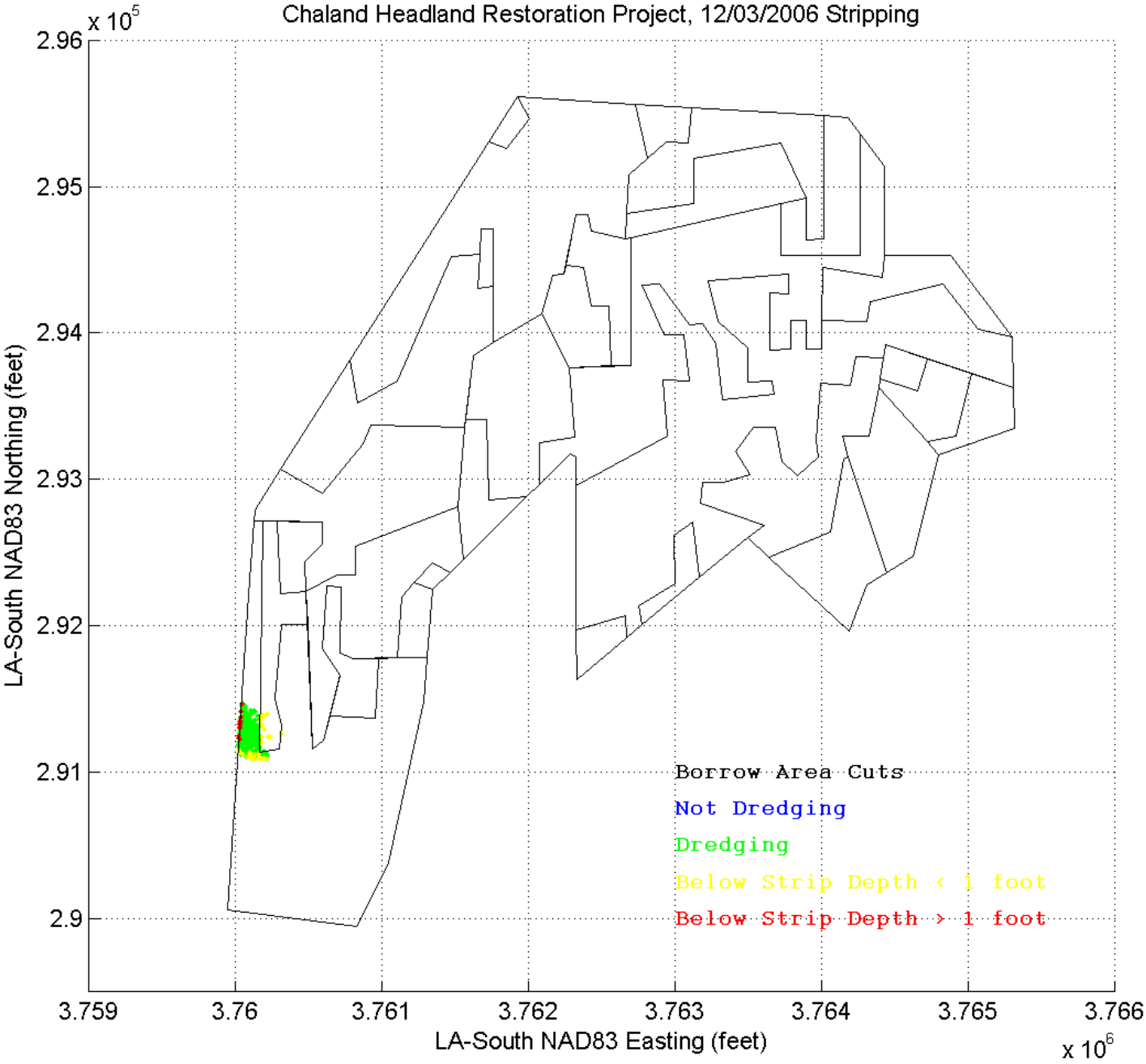
DATE: December 4, 2006 OBSERVATION REPORT NO: 254

Center outfall near Station 104+40 Range 1+10.

South outfall near Station 103+70 Range 2+20.

Gulf of Mexico wave conditions near Station 104+00.


Chaland Headland Restoration Project, 12/03/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 12/03/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 5, 2006 | OBSERVATION REPORT NO: 255
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 385
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:30
15:30 | 17:00

WEATHER CONDITIONS:	Clear
WAVE HEIGHT AND DIRECTION:	SSE 0'-1'
WIND SPEED AND DIRECTION:	NNE 10-15 mph
TEMPERATURE:	45°-55° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 133+80
CENTER OUTFALL LOCATION:	Station 106+90
SOUTH OUTFALL LOCATION:	Station 106+90
NORTH CONTAINMENT DIKE LOCATION:	Station 128+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 134+50
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Corrupted xyz dredge data.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH097, Sta. 106+70 Ra. 2+10 (N 29.30888° W 89.75177°), 16:12		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #9
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 5, 2006 OBSERVATION REPORT NO: 255

25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south outfalls using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near Station 106+90 Range 1+20 and pointed east. The south outfall was located near Station 106+90 Range 2+00 and pointed east. The slurry from the center and south outfalls flowed east to the end of the south containment dike near Station 134+50 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of the south containment dike. See discussion item #1.

2. The north containment dike extended along the northern extent of the dune crest between Station 104+00 and Station 128+50 and had a crest elevation of approximately 8 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 103+00 and Station 134+50 and had a crest elevation of approximately 7 feet NAVD.

3. The north outfall was located in the marsh creation area near Station 133+80 Range -3+00. Material was not discharged to the marsh creation area.

4. Two bulldozers advanced the south outfall east.

5. Sand sample CH097 was taken near Station 106+70 Range 2+10 (N 29.30888° W 89.75177°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the center outfall was taken at 11:15 in a 2-liter bottle to determine the relative silt content; documentary photographs were taken at the 15-minute and 1-hour marks. After settling for 15 minutes the air/water interface was near the 1000 mL level, the water/silt interface was near the 700 mL level, and the silt/sand interface was near the 50 mL level. After settling for 1 hour the air/water interface was near the 1000 mL level, the water/silt interface was near the 450 mL level, and the silt/sand interface was near the 50 mL level.

7. The 12/4 cutterhead xyz data submitted was corrupted between 20:42 and 20:53 and between 23:11 and 23:50. According to the 12/4 Daily Dredge Report (DDR) the Tom James was not operating during this interval.

8. a) On 12/4 the Tom James cutterhead excavated approximately 30 feet outside the horizontal limits of the borrow area for less than 2 minutes 29 times.

   b) On 12/4 the Tom James cutterhead excavated below the required strip depth between 00:00 and 09:26. The Tom James excavated an average of approximately 0.4 feet and a maximum of approximately 6.1 feet below the required strip depth.

c) On 12/4 the Tom James cutterhead excavated below the required strip depth for less than 10 minutes on several occasions. Excluding the interval previously described the Tom James excavated an average of approximately 0.4 feet and a maximum of approximately 3.5 feet below the required strip depth.

9. Berm widths were not measured as the template has not been graded east of Station 99+00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Robert Savoy (WMI) about dredging operations. Robert stated that approximately 39,000 cubic yards of beach fill material remain in cut 9A. Robert said that cut 9A will be exhausted by tomorrow. Robert stated that the Tom James will begin stripping cut 5 and cut 6 tomorrow. Robert said that beach fill operations will likely resume on Thursday afternoon. Robert stated that approximately 66,000 cubic yards of beach fill material is available in cut 6 and approximately 17,000 cubic yards of beach fill material is available in cut 5. Robert said that cut 5 and cut 6 will likely be exhausted by Saturday afternoon; the entire borrow area will be exhausted by Saturday afternoon.

2. I spoke with Richard Edwards (ME) about the check surveys. Richard stated that representatives from Mandle Edwards will be on site to conduct check surveys late tomorrow morning. Richard said that the Mandle Edwards survey crew will leave Grand Isle between 09:00 and 09:30 tomorrow morning. I informed Gordon Thomson (CPE) and Robert Savoy (WMI) about tomorrow's planned check survey.

3. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew checked grade and replaced as necessary in the beach fill area. Tom said that check surveys of the placed beach fill were conducted between Station 103+00 and Station 134+00. Tom stated that he can provide the check survey data tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Center outfall near Station 106+90 Range 1+20.

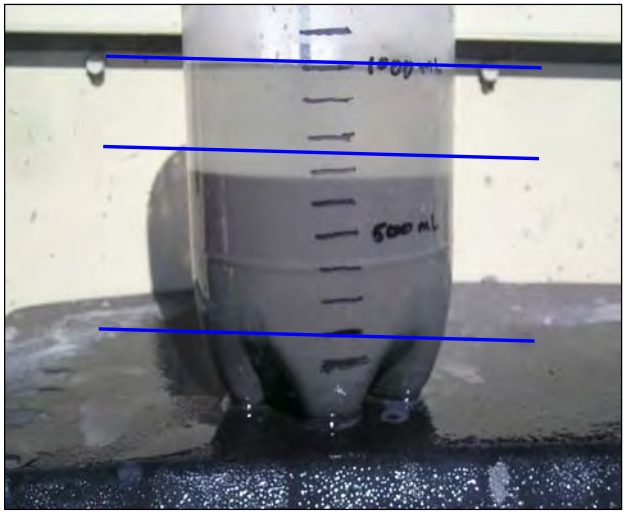
South outfall near Station 106+90 Range 2+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

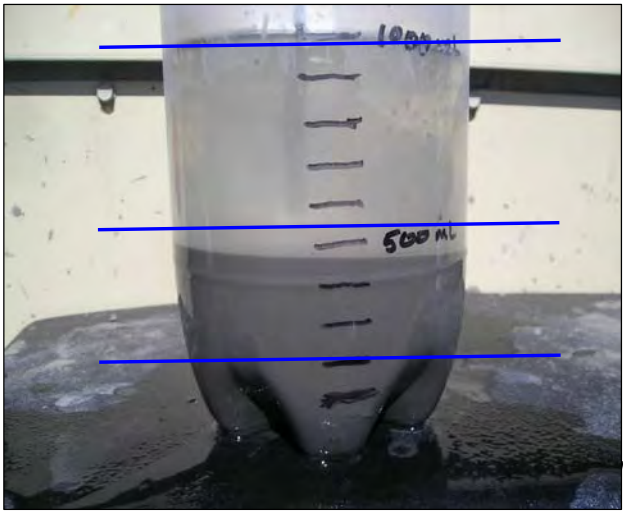
DATE: December 5, 2006 OBSERVATION REPORT NO: 255

Bulldozer advancing the south discharge east.

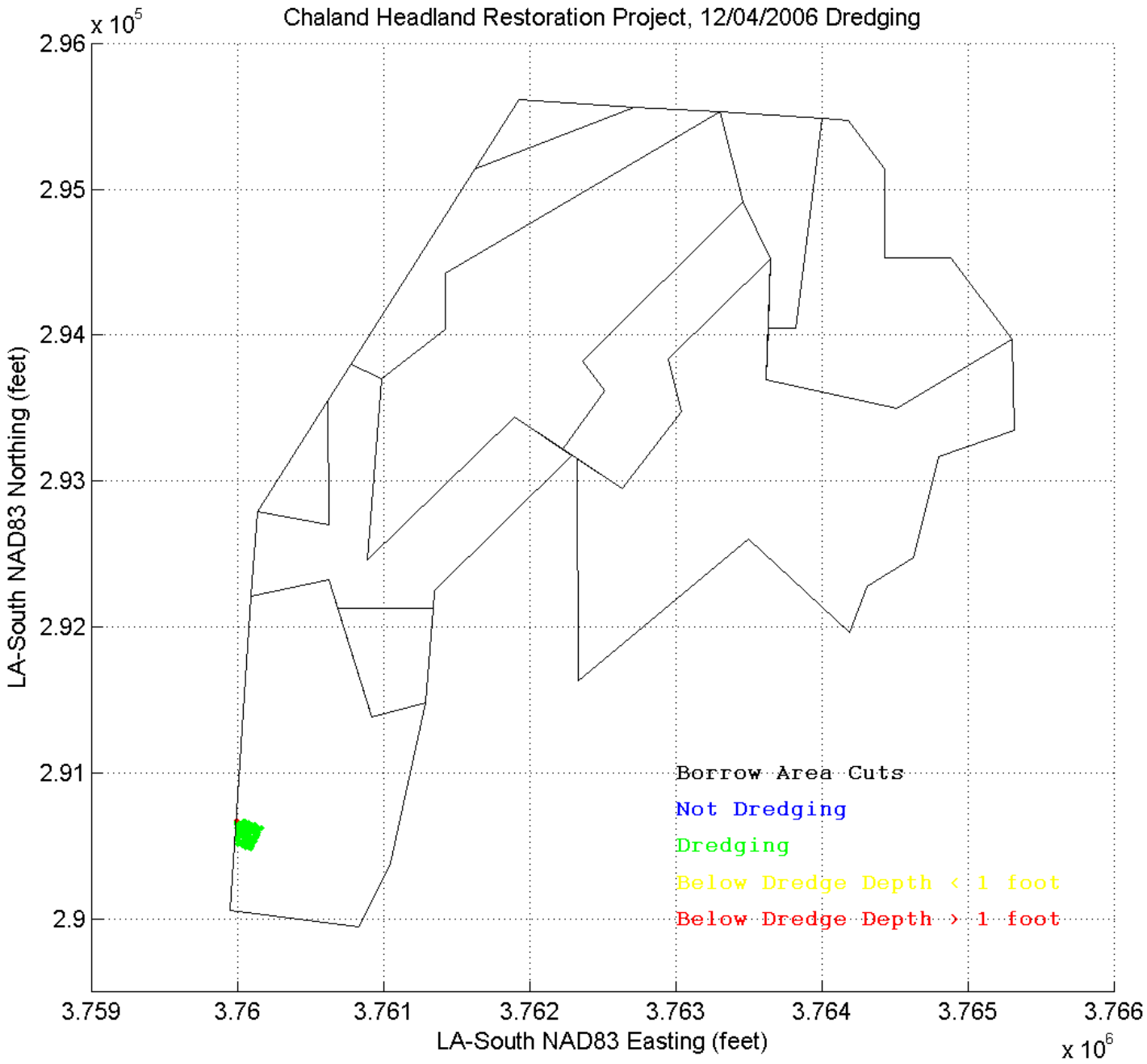
Gulf of Mexico wave conditions near Station 106+00.



Discharge sample after settling for 15 minutes. The blue lines show the air/water, water/silt, and silt/sand interfaces.



Discharge sample after settling for 1 hour. The blue lines show the air/water, water/silt, and silt/sand interfaces.


Chaland Headland Restoration Project, 12/04/2006 Dredging
x 10^5
2.96
2.95
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2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
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3.761
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3.764
3.765
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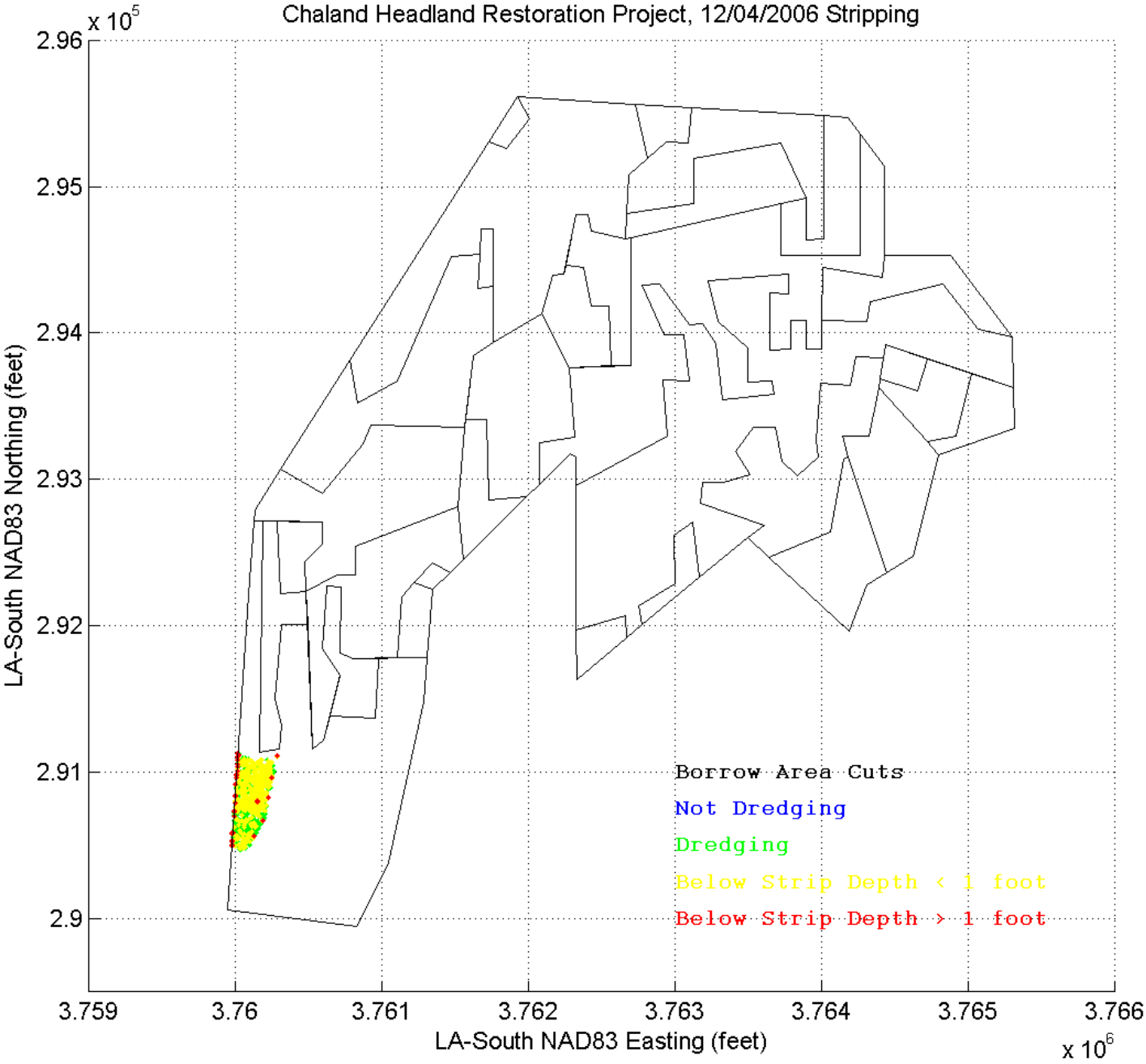
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot


Chaland Headland Restoration Project, 12/04/2006 Stripping
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Strip Depth < 1 foot
Below Strip Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 6, 2006 | OBSERVATION REPORT NO: 256
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 386
ARRIVAL TIME: 9:45 | DEPARTURE TIME: 12:00
16:00 | 17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	NNE 5-10 mph
TEMPERATURE:	50°-60° F
CONSTRUCTION ACTIVITY:	Beach Fill
NORTH OUTFALL LOCATION:	Station 133+80
CENTER OUTFALL LOCATION:	Station 111+50
SOUTH OUTFALL LOCATION:	Station 110+70
NORTH CONTAINMENT DIKE LOCATION:	Station 128+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 134+50
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Corrupted xyz dredge data.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	Yes	
	Type: Beach Fill		Observation #1
14.	Are the borrow area buoys in place and working properly?	Yes	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #8

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	Yes	Observation #1
17.	Are grade stakes in place for the fill location?	Yes	
18.	Has debris been removed prior to placement of fill?	Yes	
19.	Has a representative sand sample been collected?	Yes	
	Location: CH098, Sta. 111+30 Ra. 1+00 (N 29.30902° W 89.75028°), 10:29		Observation #5
20.	Has a discharge sample been collected?	Yes	Observation #6
21.	Does the material appear to meet technical requirements?	Yes	
22.	Were the constructed berms measured?	No	Observation #9
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	No	
	Location:		

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 6, 2006 OBSERVATION REPORT NO: 256

25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Check survey conducted by Mandle Edwards.		Observation #4
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	Yes	Observation #1

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Sand was mushroom discharged to the beach from the center and south outfalls using 90° dredge pipe elbows that were pointed upwards. The center outfall was located near Station 111+50 Range 1+00 and pointed east. The south outfall was located near Station 110+70 Range 2+30 and pointed east. The slurry from the center and south outfalls flowed east to the end of the south containment dike near Station 134+50 where it entered the Gulf of Mexico. Localized turbidity plumes were observed in the Gulf of Mexico near the extent of the south containment dike. See discussion item #1.

2. The north containment dike extended along the northern extent of the dune crest between Station 111+00 and Station 128+50 and had a crest elevation of approximately 8 feet NAVD. The south containment dike extended along the southern extent of the dune crest between Station 110+00 and Station 134+50 and had a crest elevation of approximately 7 feet NAVD.

3. The north outfall was located in the marsh creation area near Station 133+80 Range -3+00. The shore pipe extending from the Y-Valve to the north outfall was dismantled. Material was not discharged to the marsh creation area.

4. The Mandle Edwards survey crew was observed in an airboat traveling down the new Oil Infrastructure Access Canal.

5. Sand sample CH098 was taken near Station 111+30 Range 1+00 (N 29.30902° W 89.75028°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

6. A sample of the discharge from the center outfall was taken at 10:40 in a 2-liter bottle to determine the relative silt content; a documentary photograph was taken at the 1-hour mark. After settling for 1 hour the air/water interface was near the 1000 mL level, the water/silt interface was near the 800 mL level, and the silt/sand interface was near the 100 mL level.

7. The 12/5 cutterhead xyz data submitted was corrupted between 02:18 and 02:33, between 02:53 and 03:18, and between 22:36 and 22:57. According to the 12/5 Daily Dredge Report (DDR) the Tom James was not operating during these intervals.

8. On 12/5 the Tom James cutterhead excavated approximately 30 feet outside the horizontal limits of the borrow area for less than 3 minutes 47 times.

9. Berm widths were not measured as the template has not been graded east of Station 99+00.

10. Gary Johnson (WMI) returned to the project site around 11:00.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: December 6, 2006 OBSERVATION REPORT NO: 256

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about dredging operations. Gary stated that the Tom James stopped pumping sand to the beach around 13:00 as a bearing needed to be replaced. Gary said that it is likely that the bearing can be replaced in the borrow area; however, the dredge needs to cool down prior to conducting a detailed inspection. Gary stated that the dredge will be down for at least 12 hours.

2. I spoke with Gary Johnson (WMI) about dredging operations. Gary stated that cut 9A has been exhausted. Gary said that the Tom James will pump sand to the beach from cut 8A and 7A after dredging operations resume as this is in the same area where good sand was found. Gary stated that he does not plan on returning to cut 5 and cut 6 as mud was previously found in these cuts. Gary said that the entire borrow area will be exhausted of beach fill material in approximately 1 to 2 days. I informed Gordon Thomson (CPE) of the WMI dredge plans.

3. I spoke with Gary Johnson (WMI) about beach fill operations. Gary stated that he expects that the initial beach fill bid volume will be met given the good beach fill material found in the borrow area. Gary said that he spoke with Rachel Sweeney (NOAA) and stated that Rachel said that WMI will get paid for the volume of sand placed on the beach greater than the original bid volume. I spoke with Rachel about Gary's comment. Rachel stated that she informed Gary that the Government requires that the original bid volume less the underfill volume east of Station 96+96 be placed on the beach as discussed during the 11/30 bi-weekly meeting. Rachel said that she informed Gary that the Government will pay WMI for the placed sand volume within the beach fill template up to the original bid volume. Rachel stated that she would call Gary to clarify this point. Rachel later informed me that she spoke with Gary to ensure that he understood that the base quantity had not been changed from 1,792,200 since Mod 6 was not executed.

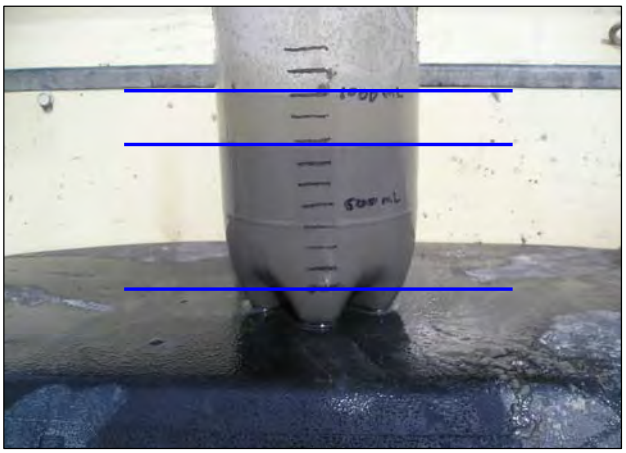
4. I spoke with Rachel Sweeney (NOAA) about a Government site visit. Rachel stated that she plans on visiting the project site with Patrick Williams (NOAA) on 12/8. Rachel said that she plans on discussing final beach grading and shaping, especially on the east end, the primary dike gapping Field Adjustment, and the new west end sand fence Field Adjustment with Gary Johnson (WMI). Rachel stated that she also plans on staking the sand fence line on the west end during this visit to facilitate accurate sand fence installation per the new sand fence Field Adjustment.

5. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew checked grade and replaced as necessary in the beach fill area. Tom said that check surveys of the placed beach fill were conducted between Station 103+00 and Station 115+00. Tom stated that he can provide the check survey data tomorrow.

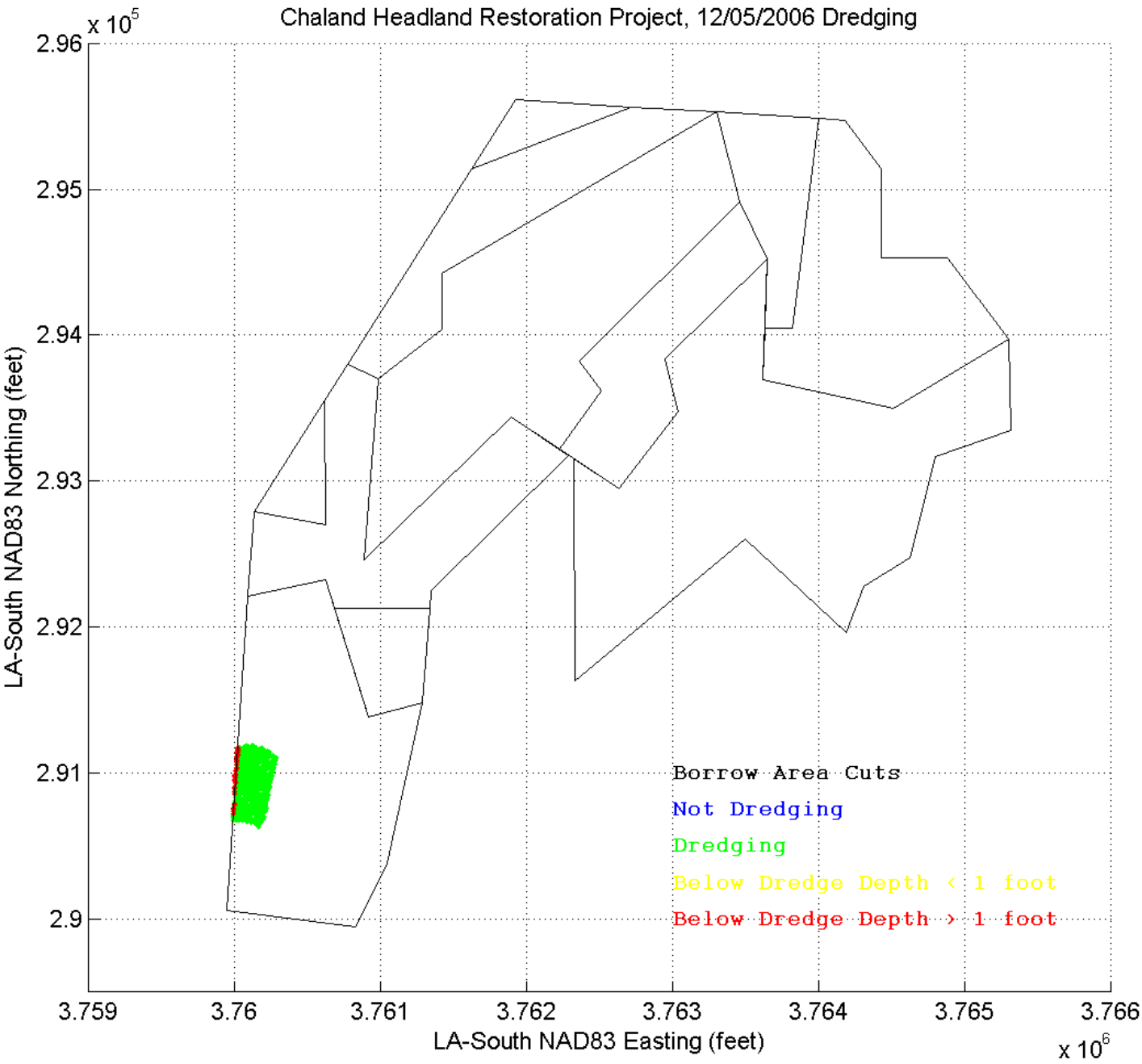
Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Center outfall near Station 111+50 Range 1+00.



Discharge sample after settling for 1 hour. The blue lines show the air/water, water/silt, and silt/sand interfaces.


Chaland Headland Restoration Project, 12/05/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 7, 2006 | OBSERVATION REPORT NO: 257
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 387
ARRIVAL TIME: 14:15 DEPARTURE TIME: 16:15

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: N 10-15 mph
TEMPERATURE: 45°-55° F

CONSTRUCTION ACTIVITY: Site Preparation
NORTH OUTFALL LOCATION: Station 133+80
CENTER OUTFALL LOCATION: Station 111+50
SOUTH OUTFALL LOCATION: Station 110+70
NORTH CONTAINMENT DIKE LOCATION: Station 128+50
SOUTH CONTAINMENT DIKE LOCATION: Station 134+50
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: Station 135+68
MARSH FILL AREA EXTENT LOCATION: Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dredge inconsistencies within the WMI DQCR.		Observation #4
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	No	Observation #6

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	No	Observation #5

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No
17.	Are grade stakes in place for the fill location?	N/A
18.	Has debris been removed prior to placement of fill?	N/A
19.	Has a representative sand sample been collected?	N/A
	Location:	
20.	Has a discharge sample been collected?	N/A
21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	Yes
	Measurement 1: Station 101+00 - Measured Width: 256', Template Width: 244'	
	Measurement 2: Station 101+80 - Measured Width: 257', Template Width: 244'	
	Measurement 3: Station 103+00 - Measured Width: 231', Template Width: 244'	
23.	Are escarpments being leveled?	N/A

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 7, 2006 OBSERVATION REPORT NO: 257

24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location 1: Beach grading between Station 110+00 and Station 116+32.		Observation #2
	Location 2: Beach dressing between Station 96+96 and Station 101+80.		Observation #3
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	No	
	Description:		
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area today. The north outfall was located in the marsh creation area near Station 133+80 Range -3+00. The center outfall was located near Station 111+50 Range 1+00 and pointed east. The south outfall was located near Station 110+70 Range 2+30 and pointed east. See discussion item #1.

2. A bulldozer graded the south slope of the dune between Station 110+00 and Station 116+32.

3. A bulldozer dressed the south slope of the dune between Station 96+96 and Station 101+80. Shore pipe dragged behind the bulldozer was used to dress the beach.

4. a) Dredge operating inconsistencies were observed in the 12/6 WMI Daily Quality Control Report (DQCR). Item #6, dredge status, states that the Tom James was operating under normal conditions while item #9, remarks, states that the dredge was down due to a mechanical failure.

   b) The 12/6 cutterhead xyz data submitted was corrupted between 13:17 and 13:52, between 15:59 and 16:15, and between 20:26 and 23:59. According to the 12/6 Daily Dredge Report (DDR) the Tom James was not operating during these intervals.

5. a) On 12/6 the Tom James cutterhead excavated approximately 30 feet outside the horizontal limits of the borrow area for less than 2 minutes 32 times.

   b) On 12/6 the Tom James cutterhead excavated below the newly permitted cut depth for less than 1 minutes on 1 occasion. The Tom James excavated an average of approximately 0.5 feet and a maximum of approximately 0.5 feet below the newly permitted cut depth.

6. Pictures were not taken as the camera's batteries died at the beginning of the observation.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the dredge status. Gary stated that dredge crew could not determine the problem. Gary said that a WMI parts chief will be looking at the dredge this morning and a factory representative is on-call. Gary stated that the dredge will likely be down all day. I followed-up with Gary later in the afternoon and he stated that the problem has not yet been resolved. Gary said that he will know more about the dredge status tomorrow morning.

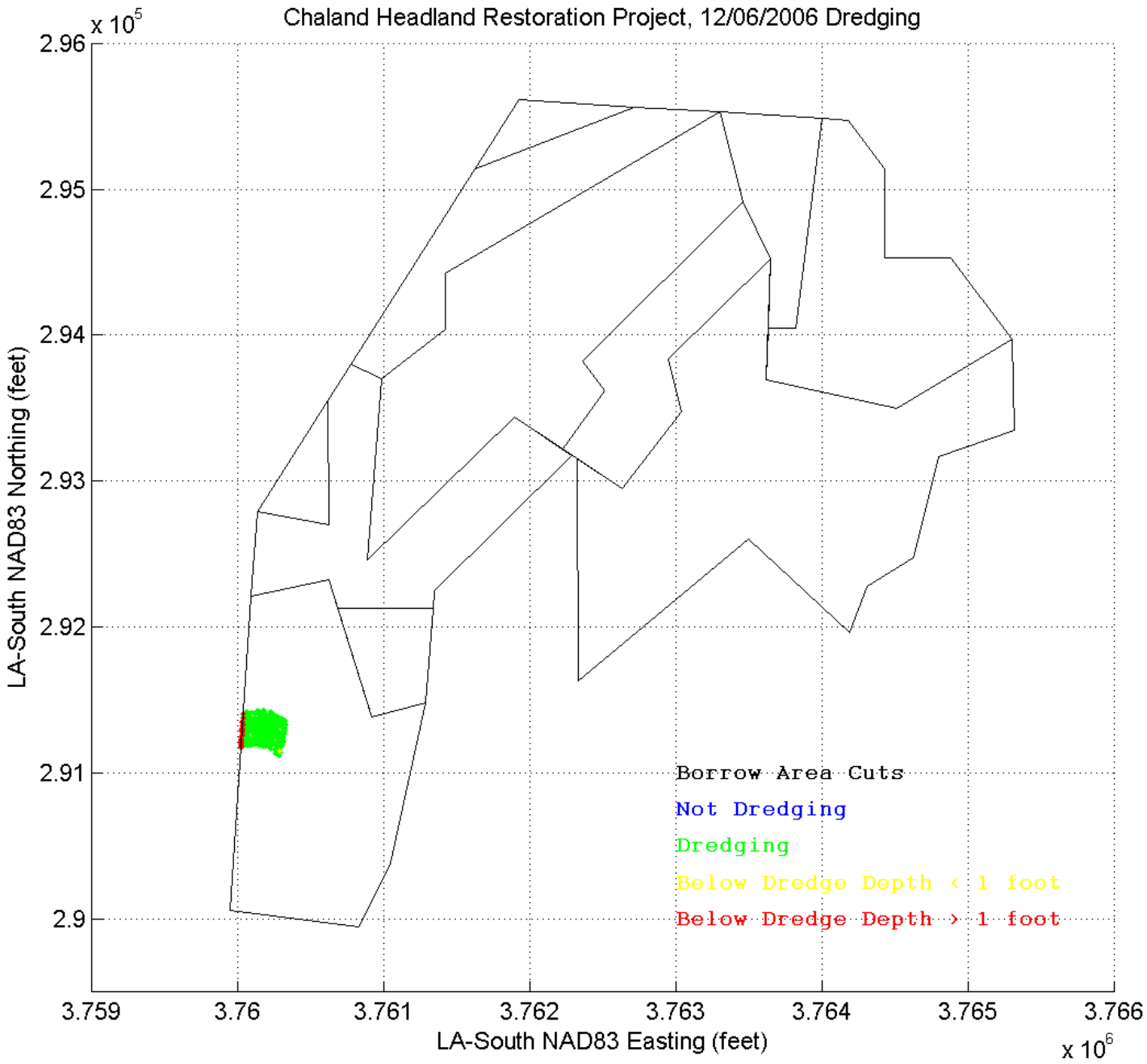
DATE: December 7, 2006 OBSERVATION REPORT NO: 257

2. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that check surveys of the placed beach fill were conducted between Station 116+32 and Station 142+00. Tom provided the most recent check survey data of the placed beach fill between Station 100+00 and Station 142+00. The data supplied between Station 100+00 and Station 116+32 was collected yesterday and the data supplied between Station 116+32 and Station 142+00 was collected today.

3. I spoke with Gary Johnson (WMI) about his weekend plans. Gary stated that Paul Stewart (WMI) will return tomorrow. Gary said that he will be leaving the project site tomorrow after meeting with Rachel Sweeney (NOAA). Gary stated that he will be returning on 12/11.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.


Chaland Headland Restoration Project, 12/06/2006 Dredging
x 10^5
2.96
2.95
2.94
2.93
2.92
2.91
2.9
LA-South NAD83 Northing (feet)
3.759
3.76
3.761
3.762
3.763
3.764
3.765
3.766
LA-South NAD83 Easting (feet)
x 10^6
Borrow Area Cuts
Not Dredging
Dredging
Below Dredge Depth < 1 foot
Below Dredge Depth > 1 foot

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 8, 2006 | OBSERVATION REPORT NO: 258
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 388
ARRIVAL TIME: 15:15 DEPARTURE TIME: 17:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	NNE 10-15 mph
TEMPERATURE:	40°-50° F
CONSTRUCTION ACTIVITY:	Demobilization
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	Station 128+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 134+50
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dredge inconsistencies within the WMI DQCR.		Observation #9
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		
23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Beach dressing between Station 101+80 and Station 106+64.		Observation #6

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 8, 2006 OBSERVATION REPORT NO: 258

25.	Is an acceptance survey for a completed section being conducted today?	No	Discussion #2
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Shore pipe was dismantled.		Observation #1
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area. All shore pipe was dismantled. The shore pipe dismantled west of Station 96+96 was left in place. The shore pipe dismantled east of Station 96+96 was moved west of Station 96+96. See discussion item #3.

2. The PVC marsh pipe that was located near Station 130+00 was removed from the marsh creation area. See discussion item #4.

3. The marsh drainage ditch near Station 138+50 remains unfilled. See discussion item #5.

4. A marsh buggy uncovered part of the subline that was buried in the sand near Station 29+20. See discussion item #6.

5. The Tom James could not be seen in the borrow area. The buoys marking the location of the submerged line remain in place. See discussion item #7.

6. Two bulldozers dressed the south slope of the dune between Station 101+80 and Station 106+64.

7. The dump shack was moved west to Station 77+60.

8. Berm widths were not measured today as there was a lot of heavy equipment activity in the area to be measured.

9. a) Dredge operating inconsistencies were observed in the 12/7 WMI Daily Quality Control Report (DQCR). Item #6, dredge status, states that the Tom James was operating under normal conditions while the Daily Dredge Report (DDR) shows that the dredge was down due to mechanical problems the entire day.

   b) The 12/7 cutterhead xyz data submitted was corrupted between 00:01 and 00:05, between 00:47 and 01:58, between 19:05 and 19:57, and between 20:52 and 21:22. According to the 12/7 Daily Dredge Report (DDR) the Tom James was not operating during these intervals; the Tom James did not operate the entire day.

10. Paul Stewart (WMI) arrived on site around 10:30. Gary Johnson (WMI) left the project site around 12:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the project status. Gary stated that the Pam Stichweh (NOAA) and Jason Manthey (NOAA) gave WMI authorization to demobilize.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: December 8, 2006 OBSERVATION REPORT NO: 258

2. I spoke with Gary Johnson (WMI) about acceptance surveys. Gary stated that the final beach acceptance survey will be conducted on 12/12 and 12/13. Gary said that the final marsh acceptance survey will be conducted on 12/21. Gary stated that a representative from Fenstermaker & Associates will be on site to observe these planned acceptance surveys.

3 I spoke with Paul Stewart (WMI) about the dismantled shore pipe. Paul stated that the shore pipe dismantled east of Station 96+96 was moved west of Station 96+96 to permit beach grading and dressing operations east of Station 96+96. Paul said that the dismantled shore pipe west of Station 96+96 will likely stay in place until after the beach has been graded and dressed east of Station 96+96.

4. I spoke with Paul Stewart (WMI) about the PVC marsh pipe that was removed from the marsh creation area. Paul stated that the pipe was moved down the beach east to Station 53+40. Paul said that the pipe was left on the beach and not brought across the constructed marsh toward the pipe barge. Paul stated that he is waiting for the primary dike gapping locations prior to moving the pipe across the marsh to maintain efficient marsh buggy operations.

5. I spoke with Paul Stewart (WMI) about the marsh drainage ditch near Station 138+50. Paul stated that the ditch will be filled with the excavated material and if necessary material near the shoreline.

6. I spoke with Paul Stewart (WMI) about the removal of the subline. Paul stated that part of the subline remains buried to protect it during a possible storm event. Paul said that WMI will not completely uncover the buried subline until the entire subline is ready to be removed. Paul stated that a good weather window is required to remove and float the subline.

7. I spoke with Paul Stewart (WMI) about the Tom James. Paul stated that the Tom James returned to Grand Isle and will remain there until it is ready to go back to the shipyard.

8. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew checked grade and replaced as necessary.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

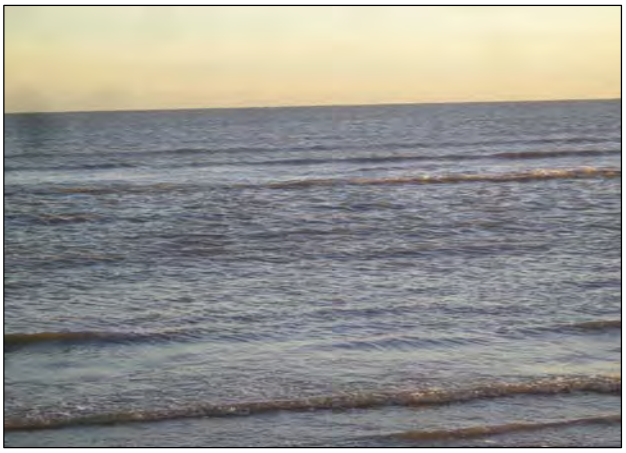
Dismantled shore pipe near Station 72+75.

Marsh drainage ditch near Station 138+50.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: December 8, 2006 OBSERVATION REPORT NO: 258

Marsh buggy uncovering the subline near Station 29+20.



Gulf of Mexico wave conditions near Station 72+75.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 9, 2006 | OBSERVATION REPORT NO: 259
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 389
ARRIVAL TIME: 12:30 DEPARTURE TIME: 15:30

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SSE 0'-1'
WIND SPEED AND DIRECTION:	NNE 10-15 mph
TEMPERATURE:	45°-55° F
CONSTRUCTION ACTIVITY:	Demobilization
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	Station 128+50
SOUTH CONTAINMENT DIKE LOCATION:	Station 134+50
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Dredge inconsistencies within the WMI DQCR.		Observation #4
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	Yes	

Measurement 1: Station 105+00 - Measured Width: 272', Template Width: 244'
Measurement 2: Station 106+00 - Measured Width: 280', Template Width: 244'
Measurement 3: Station 106+64 - Measured Width: 245', Template Width: 244'
Measurement 4: Station 108+00 - Measured Width: 255', Template Width: 244'

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 9, 2006 OBSERVATION REPORT NO: 259

Measurement 5: Station 109+06 - Measured Width: 244', Template Width: 244'
Measurement 6: Station 110+00 - Measured Width: 240', Template Width: 244'

23.	Are escarpments being leveled?	N/A	
24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Beach grading between Station 110+00 and Station 116+32.		Observation #2
25.	Is an acceptance survey for a completed section being conducted today?	No	
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Shore pipe was moved toward the equipment access road.		Observation #1
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area. All shore pipe was dismantled. The loader moved the dismantled shore pipe from Station 96+96 to Station 77+60 where it was stacked near the equipment access road.

2. Two bulldozers graded the beach between Station 110+00 and Station 116+32.

3. The marsh drainage ditch near Station 138+50 remains unfilled.

4. Borrow area inconsistencies were observed in the 12/8 WMI Daily Quality Control Report (DQCR). Item #10, buoy check, states that the borrow area buoys were checked and did not require resetting while item #2, result of surveillance, states that the Tom James was demobilized and secured in a safe harbor.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the WMI survey crew checked grade and replaced as necessary.

2. I spoke with Paul Stewart (WMI) about the 11/30 bi-weekly meeting minutes. Paul stated that he needs an electronic copy of the agenda sent to him via email. I told Paul that I would provide an electronic copy of the agenda immediately. Paul said that the minutes will be completed by 12/13.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: December 9, 2006 OBSERVATION REPORT NO: 259

Loader moving shore pipe from Station 96+96 to Station 77+60.

Stacked shore pipe near Station 77+60 Range -1+00.

Marsh drainage ditch near Station 138+50.

Gulf of Mexico wave conditions near Station 110+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 10, 2006 | OBSERVATION REPORT NO: 260
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 390
ARRIVAL TIME: 15:00 DEPARTURE TIME: 17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	NE 10-15 mph
TEMPERATURE:	45°-55° F
CONSTRUCTION ACTIVITY:	Demobilization
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #7
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 10, 2006 OBSERVATION REPORT NO: 260

24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Beach grading between Station 110+00 and Station 128+00.		Observation #3
	Location: Beach dressing between Station 96+96 and Station 110+00.		Observation #4
25.	Is an acceptance survey for a completed section being conducted today?	No	Discussion #2
	Location:		
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Marsh drainage ditch near Station 138+50 was filled.		Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area. All shore pipe has been dismantled and stacked near the equipment access road at Station 77+60.

2. A bulldozer filled the marsh drainage ditch near Station 138+50. See discussion item #1

3. A bulldozer graded the beach between Station 110+00 and Station 128+00.

4. A bulldozer dressed the beach between Station 96+96 and Station 110+00. Shore pipe dragged behind the bulldozer was used to dress the beach. See discussion item #2.

5. All temporary beach fill containment dikes have been knocked down. The material from the containment dikes was blended into the fill and graded.

6. The sand fence and fence posts were moved from the boat landing to the beach near Station 96+96.

7. The constructed berms east of Station 110+00 were not measured as the fill was muddy and did not appear safe to walk on.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Paul Stewart (WMI) about the filling of the marsh drainage ditch near Station 138+50. Paul stated that the excavated material and material from the adjacent shoreline was used to fill the drainage ditch. Paul said that roughly 0.5 feet of the surface layer between the shoreline and the ditch near Station 138+50 was scraped to fill the ditch.

2. I spoke with Paul Stewart (WMI) about the beach dressing. Paul stated that the beach was dressed between Station 96+96 and Station 110+00 and is ready for the 12/12 and 12/13 acceptance surveys. Paul said that the beach east of Station 110+00 is still wet and is not appropriately dressed for acceptance surveys. Paul stated that this section of beach needs to further dewater before it is dressed.

3. I spoke with Paul Stewart (WMI) about the subline removal. Paul stated that the offshore portion of the subline is being removed today. Paul said that nearshore and complete removal of the subline is highly weather dependent. Paul anticipates that the subline will be completely removed later this week.

DATE: December 10, 2006 OBSERVATION REPORT NO: 260

4. I spoke with Tom Newman (WMI) about the day's survey activities. Tom stated that the north slope of the dune was staked between Station 110+00 and Station 123+00. Tom said that the WMI survey crew also checked grade and replaced as necessary.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Bulldozer dressing the beach near Station 110+00.

Gulf of Mexico wave conditions near Station 110+00.

Sand fence on the beach near Station 96+96 and the project baseline.

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CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 11, 2006 | OBSERVATION REPORT NO: 261
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 391
ARRIVAL TIME: 15:00 DEPARTURE TIME: 17:00

WEATHER CONDITIONS:	Partly Cloudy
WAVE HEIGHT AND DIRECTION:	SE 1'-2'
WIND SPEED AND DIRECTION:	NE 10-15 mph
TEMPERATURE:	50°-60° F
CONSTRUCTION ACTIVITY:	Demobilization
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	No	Discussion #3
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	No	Discussion #3

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #4
	Measurement:		
23.	Are escarpments being leveled?	N/A	

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CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 11, 2006 OBSERVATION REPORT NO: 261

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Beach dressing between Station 110+00 and Station 128+00.	Yes	Observation #2
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area. All shore pipe has been dismantled and stacked near the equipment access road between Station 77+60 and Station 72+75. See discussion item #1.

2. The beach was dressed between Station 110+00 and Station 128+00. The dressed beach between Station 110+00 and Station 121+16 was muddy with many undrained puddles and does not appear ready for acceptance surveys. See discussion item #2.

3. Approximately 30 sections of dismantled shore pipe were located at the boat landing.

4. The constructed berms east of Station 110+00 were not measured as the fill was muddy and did not appear safe to walk on.

5. A safety meeting was held in the galley aboard the Quarters Barge. Items discussed included the location and use of fire extinguishers and demobilization safety concerns. The final beach clean-up was also discussed during the meeting.

6. Gary Johnson (WMI) returned to the project site around 17:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the removal of the dismantled shore pipe from the project site. Gary stated that a crane barge is scheduled to arrive tomorrow and the dismantled shore pipe will be placed on the pipe barge.

2. I spoke with Paul Stewart (WMI) about acceptance surveys. Paul stated that a representative from Fenstermaker & Associates will be on site tomorrow to observe beach acceptance surveys. Paul said that acceptance surveys will first be conducted between Station 96+96 and Station 110+00 to allow the fill east of Station 110+00 to further dewater.

3. I spoke with Tom Newman (WMI) about the 12/10 Daily Quality Control Report (DQCR). Tom stated that he would distribute the report to the project team.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: December 11, 2006 OBSERVATION REPORT NO: 261

Dismantled shore pipe at the boat landing.

Dismantled shore pipe near Station 77+60.

Dismantled shore pipe near Station 72+75.

Dressed beach near Station 128+00 looking west.

Dressed beach near Station 111+48 looking east.

Dressed beach near Station 111+48 looking west.

DATE: December 11, 2006 OBSERVATION REPORT NO: 261

Dressed beach near Station 106+64 looking east.

Dressed beach near Station 106+64 looking west.

Gulf of Mexico wave conditions near Station 96+96.

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CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 12, 2006 | OBSERVATION REPORT NO: 262
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 392
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 13:00

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	SE 2'-3'
WIND SPEED AND DIRECTION:	ESE 10-15 mph
TEMPERATURE:	50°-60° F
CONSTRUCTION ACTIVITY:	Demobilization
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	Observation #4
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	Observation #4

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #5
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 12, 2006 OBSERVATION REPORT NO: 262

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Between Station 98+00 and Station 106+64.	Yes	Observation #3
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Dismantled shore pipe was moved from the beach to the boat landing.	Yes	Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area; the dredge has been demobilized from the project site. All shore pipe has been dismantled and stacked near the equipment access road between Station 77+60 and Station 72+75.

2. The loader and a bulldozer moved dismantled shore pipe from the beach to the boat landing near Station 77+60 Range -15+00. See discussion item #1.

3. I observed WMI perform acceptance surveys along profile lines 100+00, 101+00, 101+80, 103+00, 104+22, 105+00, 106+00, and 106+64. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Brandon Noel (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. Profile lines east of Station 106+64 did not appear uniform. See discussion item #2.

4. WMI submitted the 12/10 and 12/11 Daily Quality Control Reports today.

5. The constructed berms east of Station 110+00 were not measured as the fill was muddy and did not appear safe to walk on.

6. Paul Stewart (WMI) left the project site around 16:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the shore pipe demobilization. Gary stated that a crane barge arrived on site today and will begin loading shore pipe on the pipe barge tomorrow morning. Gary said that several barges will be required to remove all shore pipe from the project site.

2. I spoke with Kenneth Mahler (WMI) about the acceptance surveys completed today. Kenneth stated that WMI conducted acceptance surveys with a rod on the beach along profile lines 98+00, 99+00, 100+00, 101+00, 101+80, 103+00, 104+22, 105+00, 106+00, 106+64, 108+00, 109+06, 110+00, and 111+48. Kenneth said that all profile lines surveyed today do not extend the required 250 feet past the seaward toe of fill. Kenneth stated that the seaward extent of the profiles surveyed today will be surveyed tomorrow using a total station. See discussion item #3.

DATE: December 12, 2006 OBSERVATION REPORT NO: 262

3. I spoke with Gary Johnson (WMI) about the acceptance surveys conducted today. I informed Gary that I did not walk the surveys east of Station 106+64 because the fill did not appear uniform, as required per Technical Provision 20.5 which states "the filled areas between the pay profiles will be graded, dressed and uniform in dimension", and that in my opinion the surveys would not be representative of the placed beach fill. I told Gary that I informed the survey crew of my concern and the reason that I would not observe the surveying of the lines east of Station 106+64. Gary stated that the beach has been dressed east of Station 106+64 and the fill appears nonuniform due to the nature of the material. I told Gary that similar material was placed on the beach previously and when allowed to dewater and then dressed the beach appeared uniform. Gary said that the project specifications do not state that the fill material needs to dewater prior to conducting acceptance surveys.

4. I spoke with Gary Johnson (WMI) about the primary dike gapping locations and Field Adjustment Report 009. Gary stated that the drain pipe located near Station 43+72 was removed today and the resultant gap in the primary dike will be filled tomorrow. Gary said that after the marsh buggy fills this gap it will create gap #1 in the primary dike as specified in Field Adjustment Report 009. Gary stated that he spoke with Rachel Sweeney (NOAA) today to confirm the location of gap #1.

5. I spoke with Gary Johnson (WMI) about sand fence installation. Gary stated that he spoke with Rachel Sweeney (NOAA) about the sand fence installation. Gary said Rachel informed him that the sand fence installation locations will be discussed on 12/14 during the bi-weekly meeting after the project team visits the site and determines appropriate locations for the sand fence. Gary stated that Rachel wants to ensure that the total bid length of sand fence is installed at appropriate locations.

6. I spoke with Gary Johnson (WMI) about project demobilization. Gary stated that it will take approximately 2 weeks to completely demobilize. Gary said that complete demobilization is highly dependent on weather and barge/tug availability.

7. I spoke with Gary Johnson (WMI) about the subline demobilization. Gary stated that WMI is in the process of demobilizing the subline. Gary said that WMI is floating 3 sections of subline at a time, disconnecting, and then towing the disconnected sections to WMI's next job at Trinity Island. Gary stated that it takes approximately 8 hours to transport the disconnected sections between project sites. Gary said that 3 sections of subline were towed to a calm water location behind Grand Isle where they still remain.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Loader transferring shore pipe from the beach to the boat landing.

Bulldozer transferring shore pipe from the beach to the boat landing.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 4

DATE: December 12, 2006 OBSERVATION REPORT NO: 262

WMI conducting an acceptance survey along Station 100+00.

WMI conducting an acceptance survey along Station 101+00.

WMI conducting an acceptance survey along Station 101+80.

WMI conducting an acceptance survey along Station 103+00.

WMI conducting an acceptance survey along Station 104+22.

WMI conducting an acceptance survey along Station 105+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: December 12, 2006 OBSERVATION REPORT NO: 262

WMI conducting an acceptance survey along Station 106+00.

WMI conducting an acceptance survey along Station 106+64.

Dressed beach near Station 111+48 looking west.

Gulf of Mexico wave conditions near Station 106+64.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 13, 2006 | OBSERVATION REPORT NO: 263
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 393
ARRIVAL TIME: 12:15 | DEPARTURE TIME: 14:45
16:00 | 17:30

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	SE 1'-2'
WIND SPEED AND DIRECTION:	NNE 10-15 mph
TEMPERATURE:	50°-60° F
CONSTRUCTION ACTIVITY:	Demobilization
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Surveys were not identified as acceptance surveys.		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #9
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

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24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Between Station 29+20 and Station 77+60.		Observation #7
25.	Is an acceptance survey for a completed section being conducted today?	Yes	
	Location: Between Station 98+00 and Station 111+48.		Observation #4
26.	Are sand fencing operations being conducted?	No	
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description 1: Shore pipe was loaded on the crane barge.		Observation #3
	Description 2: Gap #1 was cut in the primary dike.		Observation #6
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area; the dredge has been demobilized from the project site. All shore pipe has been dismantled and stacked near the equipment access road between Station 77+60 and Station 72+75.

2. The conditions of the beach fill east of Station 106+64 have not changed. The beach east of Station 106+64 did not appear acceptable for acceptance surveys.

3. The loader and a bulldozer moved dismantled shore pipe from the beach to the boat landing near Station 77+60 Range -15+00. The crane transferred the shore pipe from the boat landing to the pipe barge.

4. I observed WMI perform offshore acceptance surveys using a total station along profile lines 105+00, 106+00, and 106+64. These surveys were observed from the beach with the observer from Fenstermaker & Associates, Brandon Noel (CHF). See discussion item #2.

5. WMI conducted offshore hydrographic surveys along profile lines 100+00 and 101+00. See discussion item #3.

6. A 25-foot wide gap was cut in the primary dike near Station 14+68. Material was removed from the primary dike such that the bottom of the gap was even with elevation of the created marsh. The excavated material was placed onto adjacent dike sections.

7. The beach north of the sand fence was dressed between Station 29+20 and Station 77+60.

8. Surveys discussed in the 12/12 WMI Daily Quality Control Report (DQCR) were not identified as acceptance surveys. Item #1, work performed, and item #2, result of surveillance, state that surveys were taken but does not label them as acceptance surveys or state that an observer from Fenstermaker & Associates was on site. The DQCR does not state that the observer from Coastal Planning & Engineering did not observe the surveying of profile lines 108+00, 109+06, 110+00, and 111+48 due to the nonuniformity of the fill.

9. The constructed berms east of Station 110+00 were not measured as the fill was muddy and did not appear safe to walk on.

10. Paul Stewart (WMI) arrived on site around 09:00 and left the project site around 16:00.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: December 13, 2006 OBSERVATION REPORT NO: 263

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about acceptance surveys east of Station 106+64. I informed Gary that the beach did not appear uniform as specified in Technical Provision 20.5 which states "the filled areas between the pay profiles will be graded, dressed and uniform in dimension". Gary stated that if the beach fill is within the 0.5-foot tolerance the uniformity of the fill should not matter as the uniformity is a function of the material. Paul stated that the beach was dressed up to Station 115+00 and is ready for acceptance surveys. Paul said that acceptance surveys can be conducted immediately after filling, grading, and dressing an area while the material is still wet. I informed Gordon Thomson (CPE) and Jason Manthey (NOAA) of the situation. Both Jason and Gordon stated that the beach will be inspected during the site visit tomorrow and the acceptance surveys east of Station 106+64 will be discussed during the bi-weekly meeting.

2. I spoke with Kenneth Mahler (WMI) about the acceptance surveys completed today. Kenneth stated that WMI conducted offshore acceptance surveys with a total station along profile lines 98+00, 99+00, 100+00, 101+00, 101+80, 103+00, 104+22, 105+00, 106+00, 106+64, 108+00, 109+06, 110+00, and 111+48. Kenneth said that all profile lines surveyed today overlap the surveys taken yesterday by approximately 100 feet and extend 250 feet seaward of the toe of fill. See discussion item #3.

3. I spoke with Gary Johnson (WMI) about the hydrographic surveys conducted today. Gary stated that the hydrographic surveys were conducted between Station 96+96 and Station 145+35. Gary said that the hydrographic surveys extend 250 feet seaward of the toe of fill. Gary stated that the landward extent of the hydrographic surveys varied as the boat's landward range was depth dependent.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. After speaking with Gary Johnson (WMI) about the unacceptable conditions of the beach for an acceptance survey east of Station 106+64 WMI did not make an attempt to improve the beach conditions east of Station 106+64. See observation #2.

Dressed beach near Station 106+64 looking east.

Dressed beach near Station 106+64 looking west.

Dressed beach near Station 116+32 looking east.

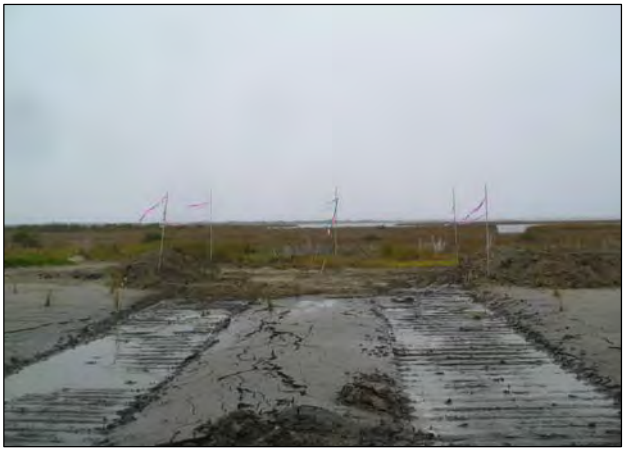
Dressed beach near Station 116+32 looking west.

DATE: December 13, 2006 OBSERVATION REPORT NO: 263

Beach near Station 124+40 looking east.

Beach near Station 124+40 looking west.

Shore pipe being loaded onto the pipe barge.



Gap in the primary dike near Station 14+68.

Gulf of Mexico wave conditions near Station 96+96.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 14, 2006 | OBSERVATION REPORT NO: 264
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 394
ARRIVAL TIME: 8:40 | DEPARTURE TIME: 12:00
16:00 | 17:00

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	NE 5-10 mph
TEMPERATURE:	50°-60° F
CONSTRUCTION ACTIVITY:	Demobilization
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Surveys were not identified as acceptance surveys.		Observation #7
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #2
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #8
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 14, 2006 OBSERVATION REPORT NO: 264

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Beach grading between Station 103+00 and Station 116+32.	Yes	Observation #6.
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	Observation #5
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Shore pipe was loaded on the crane barge.	Yes	Observation #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Gordon Thomson (CPE), Jason Manthey (NOAA), Rachel Sweeney (NOAA), Barry Richard (DNR), Patrick Williams (NOAA), and I visited the project site prior to the bi-weekly meeting.

2. Material was not discharged to the beach or the marsh creation area; the dredge has been demobilized from the project site. All shore pipe has been dismantled and stacked near the equipment access road between Station 77+60 and Station 72+75.

3. The loader and a bulldozer moved dismantled shore pipe from the beach to the boat landing near Station 77+60 Range -15+00. The crane transferred the shore pipe from the boat landing to the pipe barge.

4. The project team inspected the fill area east of Station 106+64. The sections of beach that were graded and dressed east of Station 106+64 were determined that they did not meet the requirements specified in Technical Provision 20.5 which states "the filled areas between the pay profiles will be graded, dressed and uniform in dimension". A large volume of material on the south dune slope was outside the beach fill template. The quality of beach fill between the northern and southern extents of the dune crest was poor and appeared as though it did not meet the requirements specified in Technical Provision 24.3.2 which state "beach and dune fill shall not exceed a silt content of 15% with a minimum mean grain size of 0.09 mm, as measured on the beach following placement." See discussion item #1.

5. The project team made on site sand fence design adjustments during the site visit. A row of sand fence was added north of the existing row of sand fence between Station 7+42 and Station 19+52. Adjustments made to the east end sand fence included extending the northern sand fence row, offset 2 feet north of the north dune crest, east of Station 140+51 to Station 145+32. Adjustments between Station 96+96 and Station 140+51 included moving the south row of sand fence north such that there is a 40-foot gap between the north and south sand fence rows between Station 106+64 and Station 140+51 and connecting the south sand fence row at Station 96+96 with a straight line to the adjusted south sand fence line at Station 106+64.

6. Two bulldozers graded the beach between Station 103+00 and Station 111+48.

7. Surveys discussed in the 12/13 WMI Daily Quality Control Report (DQCR) were not identified as acceptance surveys. Item #1, work performed, and item #2, result of surveillance, state that surveys were taken but does not label them as acceptance surveys or state that an observer from Fenstermaker & Associates was on site.

8. The constructed berms east of Station 110+00 were not measured as the fill was muddy and did not appear safe to walk on.

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CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: December 14, 2006 OBSERVATION REPORT NO: 264

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gordon Thomson (CPE) about sand samples CH087 thru CH098 sent to the CPE office from the Quarters Barge on 12/7 via FedEx Standard Overnight. Gordon stated that he did not receive the sand samples prior to leaving for Chaland on 12/13 at 11:00. I informed Gordon that the samples were given to the boat captain, Kevin Gormley, on 12/7 to deliver to the FedEx pick-up location at the Sand Dollar Marina.

2. Jason Manthey (NOAA), Rachel Sweeney (NOAA), Gordon Thomson (CPE), Barry Richard (DNR), Patrick Williams (NOAA), Gary Johnson (WMI), Paul Stewart (WMI), Scott Mahler (WMI), and I participated in the bi-weekly meeting. Items discussed included: status on Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), cutterhead xyz data, beach and dune fill, marsh fill, sand fencing, post construction surveys and pay volumes, project closeout requirements, 11/30 bi-weekly meeting minutes, Field Adjustment Report Number JLM-009, and the anticipated sand fence Field Adjustment.

3. I spoke with Kenneth Mahler (WMI) about the day's survey activities. Kenneth stated that the WMI survey crew pulled marsh grade stakes between Station 53+40 and Station 77+60 along the perimeter of the created marsh. Kenneth said that an airboat will be required to pull grade stakes in the center of the marsh. Kenneth stated that the WMI survey crew gathered the coordinates of the sand fence lines staked by the project team during the site visit.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Project team staking the adjusted sand fence lines near Station 140+51.

Bulldozer grading the beach near Station 103+00.

Shore pipe being loaded onto the pipe barge.

Gulf of Mexico wave conditions near Station 100+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 15, 2006 | OBSERVATION REPORT NO: 265
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 395
ARRIVAL TIME: 10:30 | DEPARTURE TIME: 12:00
14:30 | 15:30

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	SE 0'-1'
WIND SPEED AND DIRECTION:	NE 0-5 mph
TEMPERATURE:	50°-60° F
CONSTRUCTION ACTIVITY:	Demobilization
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	Station 135+68
MARSH FILL AREA EXTENT LOCATION:	Station 138+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #4
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 15, 2006 OBSERVATION REPORT NO: 265

24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Beach grading between Station 116+32 and Station 126+00.		Discussion #3
25.	Is an acceptance survey for a completed section being conducted today?	Yes	
	Location: Between Station 103+00 and Station 115+00.		Observation #3
26.	Are sand fencing operations being conducted?	No	Discussion #4
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description: Shore pipe and the dump shack were loaded on the crane barge.		Observation #2
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area; the dredge has been demobilized from the project site. All shore pipe has been dismantled and stacked near the equipment access road between Station 77+60 and Station 72+75.

2. The loader and a bulldozer moved dismantled shore pipe, diffusers, and the dump shack from the beach to the boat landing near Station 77+60 Range -15+00. The crane transferred the shore pipe, diffusers, and the dump shack from the boat landing to the pipe barge.

3. I observed WMI perform acceptance surveys along profile lines 103+00 and 104+22. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Brandon Noel (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. I did not observe the surveying of profile lines east of Station 115+00 as the fill did not appear uniform. See discussion item #2.

4. The constructed berms east of Station 110+00 were not measured as the fill was muddy and did not appear safe to walk on.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Rachel Sweeney (NOAA) about beach grading/dressing and acceptance surveys. Rachel said to ensure that the flow channel is filled and the fill is uniform prior observing the acceptance surveys.

2. I spoke with Kenneth Mahler (WMI) about the acceptance surveys completed today. Kenneth stated that WMI conducted acceptance surveys with a rod on the beach along profile lines 103+00, 104+22, 105+00, 106+00, 106+64, 108+00, 109+06, 110+00, 111+48, 112+00, 113+00, 113+90, 115+00, 116+32, 117+00, 118+00, 118+74, 120+00, and 121+16. Kenneth said that all profile lines surveyed today do not extend the required 250 feet past the seaward toe of fill. Kenneth stated that the seaward extent of the profiles surveyed today will be surveyed tomorrow using a total station. See discussion item #3.

3. I spoke with Gary Johnson (WMI) about the acceptance surveys conducted today. I informed Gary that I did not walk the surveys east of Station 115+00 because the fill did not appear uniform, as required per Technical Provision 20.5 which states "the filled areas between the pay profiles will be graded, dressed and uniform in dimension", and that in my opinion the surveys would not be representative of the placed beach fill. I told Gary that I informed the survey crew of my concern and the reason that I would not observe the surveying of the lines east of Station 115+00. Gary stated that the beach has been dressed to Station 121+16 and the fill appears nonuniform due to the nature of the material. I asked Gary to make another attempt to grade and dress the beach east of Station 115+00. Gary stated that he will have the bulldozers grade and dress the beach east of Station 115+00 tomorrow in an attempt to improve the uniformity of the fill.

DATE: December 15, 2006 OBSERVATION REPORT NO: 265

4. I spoke with Gary Johnson (WMI), Stanley Bordelon (ECS), and Gerard Legendre (DNR) about the anticipated sand fence Field Adjustment. I informed Gary, Stanley, and Gerard that the project team made on site sand fence design adjustments during the 12/14 site visit. I stated that a row of sand fence was added north of the existing row of sand fence between Station 7+42 and Station 19+52. I said that adjustments made to the east end include extending the northern sand fence row, offset 2 feet north of the north dune crest, east of Station 140+51 to Station 145+32. I stated that adjustments between Station 96+96 and Station 140+51 include moving the south row of sand fence north such that there is a 40-foot gap between the north and south sand fence rows between Station 106+64 and Station 140+51 and connecting the south sand fence row at Station 96+96 with a straight line to the adjusted south sand fence line at Station 106+64. Gary stated that given the proposed sand fence layout the fence length will be approximately 800 over the base bid.

5. I spoke with Jason Manthey (NOAA) about the post construction inspection. Jason said that the final inspection will be conducted on 1/10. Jason stated that he spoke with Gordon Thomson (CPE) about the final site inspection and said that Gordon will not be present as he will be at a meeting on this day. Jason said that Gordon stated that Andrew Wycklendt (CPE) will be the representative from Coastal Planning & Engineering on site during the final site inspection. Jason asked that I arrive in Louisiana on 1/9 and leave on 1/11 so that I can be available all day on 1/10.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

WMI conducting an acceptance survey along Station 103+00.

WMI conducting an acceptance survey along Station 104+22.

Dressed beach near Station 117+00 looking east.

Shore pipe being loaded onto the pipe barge.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 16, 2006 | OBSERVATION REPORT NO: 266
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 396
ARRIVAL TIME: 10:00 | DEPARTURE TIME: 12:00
12:30 | 17:30

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: NE 5-10 mph
TEMPERATURE: 55°-65° F

CONSTRUCTION ACTIVITY: Demobilization
NORTH OUTFALL LOCATION: N/A
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #6
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 16, 2006 OBSERVATION REPORT NO: 266

24.	Are grading and dressing operations of completed fill sections being conducted?	Yes	
	Location: Beach grading/dressing between Station 121+16 and Station 135+68.		Observation #3
25.	Is an acceptance survey for a completed section being conducted today?	Yes	
	Location: Between Station 112+00 and Station 121+16.		Observation #4
26.	Are sand fencing operations being conducted?	No	Discussion #3
	Post location:		
	Fence location:		
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	No	
	Location:		
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	No	
	Location:		
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today?	Yes	
	Description 1: Subline was demobilized.		Discussion #5
	Description 2: Drain pipes were removed.		Discussion #6
	Description 3: Gap #3 was cut in the primary dike.		Discussion #6
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area; the dredge has been demobilized from the project site. All shore pipe has been dismantled and stacked near the equipment access road between Station 77+60 and Station 72+75.

2. The loader and a bulldozer moved dismantled shore pipe from the beach to the boat landing near Station 77+60 Range -15+00. The crane transferred the shore pipe from the boat landing to the pipe barge.

3. Three bulldozers graded the beach between Station 121+16 and Station 135+68. The bulldozers scraped material from the south slope of the dune and pushed the scraped material onto the dune crest to fill in the low lying areas created by the slurry flow channel. A bulldozer dragged a shore pipe to dress the north slope of the dune and the northern extent of the dune crest between Station 121+16 and Station 135+68. See discussion item #1.

4. I observed WMI perform offshore acceptance surveys using a total station along profile lines 112+00, 113+00, 116+32, and 117+00. These surveys were observed from the beach with the observer from Fenstermaker & Associates, Brandon Noel (CHF). See discussion item #2.

5. a) Survey inconsistencies were found in the 12/15 WMI Daily Quality Control Report (DQCR). Item #1, work performed, states that acceptance surveys were taken but does not state that an observer from Fenstermaker & Associates was on site. Item #1, work performed, and item #2, result of surveillance, does not state that the observer from Coastal Planning & Engineering did not observe the surveying of profile lines 116+32, 117+00, 118+00, 118+74, 120+00, and 121+16 due to the nonuniformity of the fill. Technical Provision 20.5 states "The filled areas between the pay profiles will be graded, dressed and uniform in dimension." Moreover, the DQCR summary states that dressing operations are complete to Station 115+00 and item #1, work performed, states that WMI is still working on dressing the beach between Station 115+00 and Station 142+00. According to Technical Provision 20.6 "Upon completion of all filling operations within an acceptance section, and prior to surveying for payment, the beach and dune fill shall be graded and dressed so as eliminate any undrained pockets, ridges, and depressions in the hydraulic fill surfaces."

   b) Operating equipment inconsistencies were found in the 12/15 WMI Daily Quality Control Report (DQCR). Item #3, equipment data, lists the Erosion Control Services (ECS) equipment as operable/idle while on 12/15 ECS was on site using their equipment to plant vegetation on the beach.

6. The constructed berms east of Station 110+00 were not measured as the fill was muddy and did not appear safe to walk on.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: December 16, 2006 OBSERVATION REPORT NO: 266

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the fill material and grading/dressing operations east of Station 111+48. Gary stated that the fill can be graded such that it is a uniform surface. Gary said that the bulldozers cannot drag a shore pipe to dress the beach on the dune crest between Station 111+48 and Station 128+00 as the pipe will sink into the silt pockets and drag the fill out of the pockets. Gary stated that the material needs to further dewater before dressing operations can be completed on this section. Gary said that the fill gets better daily as the bulldozers walk on the fill and keep working the material to help dewater the fill. I spoke with Rachel Sweeney (NOAA) and informed her that the bulldozers are able to grade a uniform surface but Gary stated that dressing operations can not be completed as the material needs to further dewater. Rachel stated that the surveys should not be rushed and that the beach needs to be dressed prior to acceptance. Rachel said that she would be visiting the site with Brian Kendrick (KE) on 12/20 to observe the marsh acceptance surveys and she can look at the beach fill in question at that time.

2. I spoke with Kenneth Mahler (WMI) about the acceptance surveys completed today. Kenneth stated that WMI conducted offshore acceptance surveys with a total station along profile lines 112+00, 113+00, 113+90, 115+00, 116+32, 117+00, 118+00, 118+74, 120+00, and 121+16. Kenneth said that all profile lines surveyed today overlap the surveys taken yesterday by approximately 100 feet and extend 250 feet seaward of the toe of fill.

3. I spoke with Stanley Bordelon (ECS) about the sand fence placement east of Station 106+64. Stanley stated that he will be unable to place sand fence offset 40 feet north and south of the dune crest centerline east of Station 110+00 as the fill material is too soft and will not permit excavation of the holes required for the installation of the fence posts. Stanley and I discussed realistic limits of the sand fence lines east of Station 110+00. According to Stanley the southern limits of the sand fence line are as follows: 50 feet north of the north dune crest between Station 112+50 and Station 122+50, 75 feet south of the north dune crest between Station 123+00 and Station 128+00, and 100 feet south of the north dune crest east of Station 128+00. According to Stanley the northern limits of the sand fence line are as follows: the marsh/dune interface between Station 112+50 and Station 128+00, and 60 feet south of the north dune crest east of Station 128+00. See discussion item #4.

4. I spoke with Rachel Sweeney (NOAA) about the sand fence discussion with Stanley. Rachel stated that a single row between Station 112+50 and Station 122+50 would suffice as the south sand fence will be on the south slope of the dune encroaching on the marsh/dune interface. Rachel said that Stanley and myself should complete a design while on site and inform the project team of the design or design alternatives.

5. I spoke with Gary Johnson (WMI) about the demobilization of the submerged line. Gary stated that 3 sections of the submerged line left the job site today. Gary said that the near shore sections of the submerged line were prepared for demobilization.

6. I spoke with Gary Johnson (WMI) about drain gaps in the primary dike per Field Adjustment Report (FAR) JLM-009. Gary stated that the spill boxes near Station 118+74 and the drain pipe near Station 87+28 were removed. Gary said that one of the gaps created by the removal of the spill boxes was filled and one was worked to create gap #3 in the primary dike per the FAR. Gary stated that gap #2, which was started by removing the drain pipe near Station 87+28, will be completed tomorrow morning.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Offshore acceptance survey along profile 113+00.

Bulldozer scraping the south slope of the dune near Station 121+16.

DATE: December 16, 2006 OBSERVATION REPORT NO: 266

Bulldozers grading the beach near Station 128+00.

Bulldozer dressing the north slope of the dune near Station 128+00.

Bulldozer dressing the north half of the dune crest near Station 124+40.

Bulldozer dressing the north half of the dune crest near Station 121+16.

Shore pipe being loaded onto the pipe barge.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 17, 2006 | OBSERVATION REPORT NO: 267
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 397
ARRIVAL TIME: 9:30 | DEPARTURE TIME: 11:30
14:00 | 17:00

WEATHER CONDITIONS: Clear
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: ENE 10-15 mph
TEMPERATURE: 55°-65° F

CONSTRUCTION ACTIVITY: Demobilization
NORTH OUTFALL LOCATION: N/A
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Survey inconsistencies within the DQCR.		Observation #8
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	Observation #7
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #9
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 17, 2006 OBSERVATION REPORT NO: 267

24.	Are grading and dressing operations of completed fill sections being conducted? Location: Beach grading between Station 115+00 and Station 121+16.	Yes	Observation #2
25.	Is an acceptance survey for a completed section being conducted today? Location:	No	
26.	Are sand fencing operations being conducted? Post location: Fence location:	No	Observation #5
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A	

Marsh Fill

28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description: Gap #2 was cut in the primary dike.	Yes	Observation #3
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area; the dredge has been demobilized from the project site. All shore pipe has been dismantled and loaded on pipe barges. A single section of shore pipe remains on the beach for dressing purposes.

2. Three bulldozers graded the beach between Station 115+00 and Station 121+16. The bulldozers scraped material from the northern extent of the dune and pushed the scraped material south to fill in the low lying areas created by the slurry flow channel. See discussion item #1.

3. A 25-foot wide gap was cut in the primary dike near Station 87+28. Material was excavated from the primary dike following yesterdays removal of the drain pipe such that the bottom of the gap was even with the elevation of the created marsh. The excavated material was placed onto adjacent primary dike sections.

4. A 25-foot wide gap has been cut in the primary dike near Station 118+74. Material has been excavated from the primary dike such that the bottom of the gap was even with the elevation of the created marsh. The excavated material was placed onto adjacent primary dike sections.

5. The WMI survey crew staked the north and south sand fence lines between Station 96+96 and Station 101+80. See discussion item #2.

6. The north and south sand fence lines were inspected between Station 7+42 and Station 96+96. At the end of fence sections two wraps of wiring were used at 4 out of the 5 fence wires. According to Field Adjustment GGT-006 "At the end of fence sections, two wraps (of wiring) shall be used at each fence wire." See discussion item #3.

7. Construction debris such as alignment rope, plant containers, fastening wires, alignment stakes, marker spray paint, and water bottles were found along the north and south sand fence lines between Station 7+42 and Station 96+96. See discussion item #3.

8. Survey inconsistencies were found in the 12/16 WMI Daily Quality Control Report (DQCR). Item #1, work performed, and item #2, result of surveillance, state that acceptance surveys were taken but does not state that an observer from Fenstermaker & Associates was on site.

9. The constructed berms east of Station 110+00 were not measured as the fill was muddy and did not appear safe to walk on.

DATE: December 17, 2006 OBSERVATION REPORT NO: 267

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about the fill material and grading/dressing operations east of Station 111+48. Gary stated that the fill has been graded such that it is a uniform surface. Gary said that the bulldozers cannot drag a shore pipe to dress the beach on the dune crest between Station 111+48 and Station 128+00 as the pipe will sink into the silt pockets and drag the fill out of the pockets. Gary stated that the material needs to further dewater before dressing operations can be completed on this section. Gary said that the fill gets better daily as the bulldozers walk on the fill and keep working the material to help dewater the fill. Gary stated that he will allow the area to further dewater and prior to leaving the project site the beach will be dressed to the furthest extent possible.

2. I spoke with Kenneth Mahler (WMI) about the day's survey activities. Kenneth stated that the WMI survey crew staked the north and south sand fence lines between Station 96+96 and Station 109+00. Kenneth provided as-built sand fence data and the survey data collected for the sand fence lines designed on site prior to the 12/14 bi-weekly meeting. Kenneth said that the WMI survey crew also pulled marsh grade stakes between Station 77+60 and Station 101+80.

3. I spoke with Gary Johnson (WMI) about the wiring deficiency at the end of sand fence sections and the construction debris along the sand fence lines. Gary stated that he would speak with Stanley Bordelon (ECS) tomorrow.

4. I spoke with Kenneth Mahler (WMI) about hydrographic surveys conducted between Station 98+00 and Station 145+77. Kenneth stated that the surveys extend to Range 14+00 between Station 98+00 and Station 135+00 and Range 15+00 between Station 135+68 and Station 145+77. Kenneth said that all hydrographic surveys extend south of the pre-construction surveys and overlap the beach post-construction surveys by at least 100 feet.

5. I spoke with Gary Johnson (WMI) about the final site inspection. Gary stated that he was under the impression that the final site inspection was going to take place during the next bi-weekly meeting planned for January 4, 2007. I stated that I spoke with Jason Manthey (NOAA) and was informed that the final site inspection is scheduled for January 10, 2007. Gary stated that he would submit the required notice tomorrow and confirm the final inspection date with Jason to ensure that transportation is available.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Bulldozer grading the beach near Station 115+00.

Bulldozers grading the beach near Station 117+00.

DATE: December 17, 2006 OBSERVATION REPORT NO: 267

Gap in the primary dike near Station 87+28.

Gap in the primary dike near Station 118+74.

WMI surveyors staking the north sand fence line near Station 98+00.

Crane barge stationed at the boat landing.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 18, 2006 | OBSERVATION REPORT NO: 268
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 398
ARRIVAL TIME: 12:30 DEPARTURE TIME: 16:00

WEATHER CONDITIONS: Overcast
WAVE HEIGHT AND DIRECTION: S 0'-1'
WIND SPEED AND DIRECTION: ENE 5-10 mph
TEMPERATURE: 55°-65° F

CONSTRUCTION ACTIVITY: Demobilization
NORTH OUTFALL LOCATION: N/A
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location:		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #4
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 18, 2006 OBSERVATION REPORT NO: 268

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Between Station 122+00 and Station 144+00.	Yes	Observation #2
26.	Are sand fencing operations being conducted? Post location: South Sand Fence - between Station 96+96 and Station 110+00. Fence location:	Yes	Observation #3
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	Observation #3

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area; the dredge has been demobilized from the project site. All shore pipe has been dismantled and loaded on pipe barges. A single section of shore pipe remains on the beach for dressing purposes.

2. I observed WMI perform acceptance surveys along profile lines 130+00, 130+84, and 132+00. I walked these survey lines with the WMI surveyors and the observer from Fenstermaker & Associates, Justin Delcambre (CHF), between the Gulf of Mexico shoreline and the marsh/dune interface. The southern third of the berm was not dressed and appeared muddy. See discussion item #1.

3. Sand fence posts were installed between Station 96+96 and Station 110+00 along the south sand fence line. The beach has not been accepted in this area. According to Technical Provision 32.1 "Sand fencing shall be installed after beach fill segments are accepted in accordance with the drawings to aid in the stabilization of sand and in the retention of wind blown sand within the project areas."

4. The constructed berms between Station 110+00 and Station 124+40 were not measured as the southern half of the constructed berm was muddy and did not appear safe to walk on.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Nick Marshall (WMI) about the acceptance surveys completed today. Nick stated that WMI conducted acceptance surveys with a rod on the beach along profile lines 122+00, 123+00, 124+00, 125+00, 126+00, 127+00, 128+00, 129+00, 130+00, 130+84, 132+00, 133+00, 134+00, 135+00, 135+68, 137+08, 138+00, 138+75, 140+00, 140+51, 142+00, 143+00, and 144+00. Nick said that all profile lines surveyed today do not extend the required 250 feet past the seaward toe of fill. Nick stated that the seaward extent of the profiles surveyed today will be surveyed tomorrow using a total station.

2. I spoke with Gary Johnson (WMI) and Jason Manthey (NOAA) about the final site inspection. Jason informed Gary that there will be no bi-weekly meeting on January 4, 2007 and that the final site inspection will occur on January 10, 2007.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. Sand fence posts were installed on a segment of beach that has not been accepted. Technical Provision 32.1 states "Sand fencing shall be installed after beach fill segments are accepted in accordance with the drawings to aid in the stabilization of sand and in the retention of wind blown sand within the project areas."

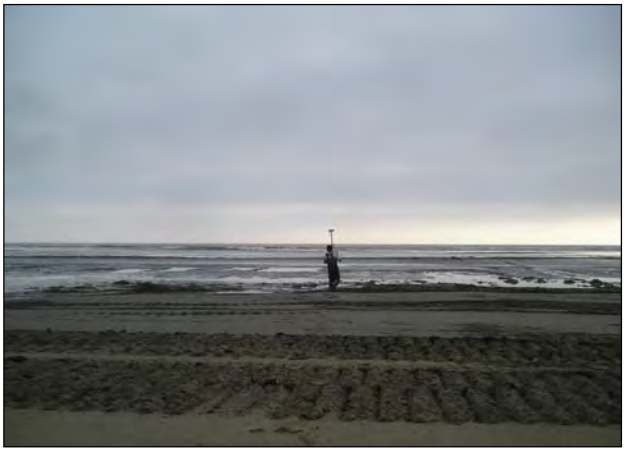
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: December 18, 2006 OBSERVATION REPORT NO: 268

Crane barge stationed at the boat landing.

WMI conducting an acceptance survey along Station 130+00.

WMI conducting an acceptance survey along Station 130+84.



WMI conducting an acceptance survey along Station 132+00.

Gulf of Mexico wave conditions near Station 145+35.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 19, 2006 | OBSERVATION REPORT NO: 269
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 399
ARRIVAL TIME: _____ DEPARTURE TIME: _____

WEATHER CONDITIONS:	Overcast
WAVE HEIGHT AND DIRECTION:	S 0'-1'
WIND SPEED AND DIRECTION:	ENE 5-10 mph
TEMPERATURE:	55°-65° F
CONSTRUCTION ACTIVITY:	Demobilization
NORTH OUTFALL LOCATION:	N/A
CENTER OUTFALL LOCATION:	N/A
SOUTH OUTFALL LOCATION:	N/A
NORTH CONTAINMENT DIKE LOCATION:	N/A
SOUTH CONTAINMENT DIKE LOCATION:	N/A
OTHER CONTAINMENT DIKE LOCATION:	N/A
BEACH FILL AREA EXTENT LOCATION:	N/A
MARSH FILL AREA EXTENT LOCATION:	N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments: Various inconsistencies within the WMI DQCR.		Observation #5
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	No	Observation #6

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	Yes	
9.	Was any staking and layout performed today?	No	
	Location: _____		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location: _____		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #1
	Type: _____		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	N/A	
	Location: _____		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	Observation #6
	Measurement: _____		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 19, 2006 OBSERVATION REPORT NO: 269

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Between Station 122+00 and Station 144+00.	Yes	Observation #3
26.	Are sand fencing operations being conducted? Post location: South Sand Fence - between Station 96+96 and Station 110+00. Fence location:	Yes	Observation #4
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	Discussion #2
Marsh Fill			
28.	Is material being discharged into marsh area?	No	
29.	Is the discharge pipe being moved?	N/A	
30.	Does any fill appear to be stacking above the fill template?	N/A	
Other			
31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No	
33.	Has required coordination with utility operators occurred?	N/A	
34.	Was work performed today on canal closures?	No	
35.	Have any settlement plates been installed today?	No	
36.	Did any other work activities of note occur today? Description:	No	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A	

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Material was not discharged to the beach or the marsh creation area; the dredge has been demobilized from the project site. All shore pipe has been dismantled and loaded on pipe barges. A single section of shore pipe remains on the beach for dressing purposes.

2. CPE equipment was packed and removed from the project site. A single box of equipment was packed and shipped from Grand Isle to the CPE office in Florida via FedEx Express Saver.

3. The observer from Fenstermaker & Associates, Justin Delcambre (CHF), arrived on site around 09:00. See discussion item #1.

4. Sand fence posts were installed between Station 96+96 and Station 110+00 along the south sand fence line. The beach has not been accepted in this area. According to Technical Provision 32.1 "Sand fencing shall be installed after beach fill segments are accepted in accordance with the drawings to aid in the stabilization of sand and in the retention of wind blown sand within the project areas." See discussion item #2.

5. a) Survey inconsistencies were found in the 12/18 WMI Daily Quality Control Report (DQCR). Item #1, work performed, and item #2, result of surveillance, state that acceptance surveys were taken but does not state that an observer from Fenstermaker & Associates was on site.

   b) Beach grading and dressing inconsistencies were found in the 12/18 WMI Daily Quality Control Report (DQCR). The DQCR summary states that dressing operations are complete to Station 145+77 while item #1, work performed, states that WMI is still working on dressing the beach between Station 121+16 and Station 142+00. Moreover, acceptance surveys were taken between Station 122+00 and Station 144+00. According to Technical Provision 20.6 "Upon completion of all filling operations within an acceptance section, and prior to surveying for payment, the beach and dune fill shall be graded and dressed so as to eliminate any undrained pockets, ridges, and depressions in the hydraulic fill surfaces."

6. Photographs were not taken and constructed berms east of Station 110+00 were not measured as construction items were discussed with Gary Johnson (WMI) and Stanley Bordelon (ECS) prior to leaving the project site around 12:00.

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Gary Johnson (WMI) about beach acceptance surveys. Gary stated that beach acceptance surveys will be conducted east of Station 122+00.

DATE: December 19, 2006 OBSERVATION REPORT NO: 269

2. I spoke with Gary Johnson (WMI) about the installation of sand fence east of Station 96+96. I informed Gary that Technical Provision 32.1 states "Sand fencing shall be installed after beach fill segments are accepted in accordance with the drawings to aid in the stabilization of sand and in the retention of wind blown sand within the project areas." Gary said that he informed Stanley Bordelon (ECS) that ECS is taking a risk when installing the sand fence east of Station 96+96 as the beach has not been accepted.

3. I spoke with Stanley Bordelon (ECS) about the sand fence redesign. Stanley questioned when the sand fence redesign would be complete. I informed Stanley that the project team was provided three design alternatives this morning. I spoke with Rachel Sweeney (NOAA) about the planned site visit tomorrow and the sand fence redesign. Rachel stated that the three design alternatives will be considered tomorrow when visiting the project site. Rachel said that a Field Adjustment Report for the sand fence redesign will likely be submitted to WMI on 12/21. I informed Stanley of the conversation I had with Rachel and stated that he should speak with Rachel about the sand fence redesign when she is on site tomorrow.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. Sand fence posts were installed on a segment of beach that has not been accepted. Technical Provision 32.1 states "Sand fencing shall be installed after beach fill segments are accepted in accordance with the drawings to aid in the stabilization of sand and in the retention of wind blown sand within the project areas."

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: December 20, 2006 | OBSERVATION REPORT NO: 270
OBSERVER: Brian Kendrick | CONTRACT DAY: 400
ARRIVAL TIME: 9:00 | DEPARTURE TIME: 11:00
13:00 | 15:00

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: S 1'-2'
WIND SPEED AND DIRECTION: ENE 5-10 mph
TEMPERATURE: 60°-70° F

CONSTRUCTION ACTIVITY: Demobilization
NORTH OUTFALL LOCATION: N/A
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	Yes	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	Yes	
3.	Has the contractor provided the daily quality control report for the previous day?	Yes	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	Yes	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	Yes	
6.	Are there any safety concerns at present?	No	
7.	Were any photographs taken?	No	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	No	
9.	Was any staking and layout performed today?	No	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	No	

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	Observation #2
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	Yes	Observation #5
	Location: Two DNR surface samples near Station 77+60 and Station 105+00.		
20.	Has a discharge sample been collected?	N/A	
21.	Does the material appear to meet technical requirements?	N/A	
22.	Were the constructed berms measured?	No	
	Measurement:		
23.	Are escarpments being leveled?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: December 20, 2006 OBSERVATION REPORT NO: 270

24.	Are grading and dressing operations of completed fill sections being conducted? Location:	No	
25.	Is an acceptance survey for a completed section being conducted today? Location: Marsh between Station 137+00 and Station 140+51	Yes	Observation #4
26.	Are sand fencing operations being conducted? Post location: North Sand Fence - between Station 96+96 and Station 98+00. Fence location:	Yes	Observation #6
27.	Is fencing being installed within 7 days of fill placement acceptance?	No	Observation #6

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal? Location:	No
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel? Location:	No
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	No
35.	Have any settlement plates been installed today?	No
36.	Did any other work activities of note occur today? Description:	No
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. A site visit was performed by Rachel Sweeney (NOAA), Barry Richard (DNR), Syed Khalil (DNR), Russ Joffrion (DNR), Chris Williams (DNR), Mandy Green (DNR), VJ Marretta (DNR), and Brian Kendrick (KE). The west end of the project from Station 7+42 to Station 60+00 was visited between 09:00 and 11:00. The east end of the project from Station 60+00 to Station 145+00 was visited between 13:00 and 15:00.

2. Material was not discharged to the beach or the marsh creation area; the dredge has been demobilized from the project site. All shore pipe has been dismantled and loaded on pipe barges. A single section of shore pipe remains on the beach for dressing purposes.

2. Equipment was loaded on barges at the boat landing near Station 77+60.

3. Sand fence and vegetative plugs were placed between Station 93+00 and Station 98+00.

4. I observed WMI perform marsh acceptance surveys between Station 136+00 and Station 140+00. I watched these surveys with the observer from Fenstermaker & Associates, Justin Delcambre (CHF), from the marsh/dune interface. The surveys were performed manually as the airboat had broken a fan belt; the surveyors had difficulty crossing some areas where the lift thickness was greater than 4 feet. See discussion item #1.

5. I assisted Syed Khalil (DNR) obtain two surface sand samples along the berm crest near Station 77+60 and Station 105+00. Both samples appeared to be fine gray sand with a silt content less than 10 percent.

6. Sand fence posts were installed between Station 96+96 and Station 98+00 along the north sand fence line. The beach has not been accepted in this area. According to Technical Provision 32.1 "Sand fencing shall be installed after beach fill segments are accepted in accordance with the drawings to aid in the stabilization of sand and in the retention of wind blown sand within the project areas."

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. I spoke with Kenneth Mahler (WMI) about acceptance surveys. Kenneth stated that the last four marsh profiles between Station 135+00 and Station 140+00 were surveyed today. A cursory review of the collected data indicated marsh elevations were as high as +3' NAVD and as low as +1.5' NAVD; the mean marsh elevation was near +2.5' NAVD. Kenneth indicated that WMI will resume surveying the remaining offshore profiles once the marsh survey is completed later today.

DATE: December 20, 2006 OBSERVATION REPORT NO: 270

2. I spoke with Rachel Sweeney (NOAA) and Russ Joffrion (DNR) regarding future cuts in the marsh containment dikes to allow surface water out. We determined that one cut should be located along the eastern dike at Station 140+51 just north of the pipeline and second cut should be made in the temporary dike constructed for the discharge pipe to cross the W Canal near Station 95+00 such that it does not allow water out of the footprint.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. Yes. Sand fence posts were installed on a segment of beach that has not been accepted. Technical Provision 32.1 states "Sand fencing shall be installed after beach fill segments are accepted in accordance with the drawings to aid in the stabilization of sand and in the retention of wind blown sand within the project areas."

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 1

DATE: January 10, 2007 | OBSERVATION REPORT NO: 271
OBSERVER: Andrew Wycklendt | CONTRACT DAY: 421
ARRIVAL TIME: 9:30 DEPARTURE TIME: 13:30

WEATHER CONDITIONS: Partly Cloudy
WAVE HEIGHT AND DIRECTION: SE 0'-1'
WIND SPEED AND DIRECTION: ENE 10-15 mph
TEMPERATURE: 50°-60° F

CONSTRUCTION ACTIVITY: Final Site Inspection
NORTH OUTFALL LOCATION: N/A
CENTER OUTFALL LOCATION: N/A
SOUTH OUTFALL LOCATION: N/A
NORTH CONTAINMENT DIKE LOCATION: N/A
SOUTH CONTAINMENT DIKE LOCATION: N/A
OTHER CONTAINMENT DIKE LOCATION: N/A
BEACH FILL AREA EXTENT LOCATION: N/A
MARSH FILL AREA EXTENT LOCATION: N/A

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1.	Are the construction plans and specifications located at the project site?	N/A	
2.	Is the contractor maintaining an accurate set of as-built drawings and specifications?	N/A	
3.	Has the contractor provided the daily quality control report for the previous day?	N/A	
	DQCR Comments:		
4.	Has the contractor provided the daily safety report for the previous day?	N/A	

Project Site

5.	Is the contractor maintaining operations within authorized areas?	N/A	
6.	Are there any safety concerns at present?	N/A	
7.	Were any photographs taken?	Yes	

Site Preparation

8.	Was any clearing and grubbing or debris removal performed today?	N/A	
9.	Was any staking and layout performed today?	N/A	
	Location:		

Primary Dikes

10.	Was work performed on construction/maintenance of primary dikes?	No	
	Location:		
11.	Were previously constructed dikes observed?	Yes	
12.	Were any deficiencies noted (i.e., slumping, settling below grade, leaks)?	Yes	Observation #2

Borrow Area

13.	Are dredging and discharge operations being conducted at this time?	No	
	Type:		
14.	Are the borrow area buoys in place and working properly?	N/A	
15.	Was dredging occurring outside of the borrow area limits yesterday?	N/A	

Beach Fill

16.	Are sand dredging and discharge operations being conducted at this time?	No	
17.	Are grade stakes in place for the fill location?	N/A	
18.	Has debris been removed prior to placement of fill?	N/A	
19.	Has a representative sand sample been collected?	Yes	Observation #3
	Location 1: CH099, Sta. 140+40 Ra. 5+20 (N 29.30678° W 89.74142°), 9:57		
	Location 2: CH100, Sta. 135+50 Ra. 3+40 (N 29.30745° W 89.74288°), 10:14		
	Location 3: CH101, Sta. 128+80 Ra. 4+60 (N 29.30737° W 89.74500°), 10:31		
	Location 4: CH102, Sta. 123+60 Ra. 3+90 (N 29.30775° W 89.74660°), 10:37		
	Location 5: CH103, Sta. 117+60 Ra. 3+40 (N 29.30812° W 89.74845°), 10:42		
	Location 6: CH104, Sta. 113+20 Ra. 3+40 (N 29.30830° W 89.74982°), 10:49		
	Location 7: CH105, Sta. 109+40 Ra. 2+70 (N 29.30863° W 89.75097°), 10:56		
20.	Has a discharge sample been collected?	N/A	

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 2

DATE: January 10, 2007 OBSERVATION REPORT NO: 271

21.	Does the material appear to meet technical requirements?	N/A
22.	Were the constructed berms measured?	N/A
	Measurement:	
23.	Are escarpments being leveled?	N/A
24.	Are grading and dressing operations of completed fill sections being conducted?	N/A
	Location:	
25.	Is an acceptance survey for a completed section being conducted today?	N/A
	Location:	
26.	Are sand fencing operations being conducted?	No
	Post location:	
	Fence location:	
27.	Is fencing being installed within 7 days of fill placement acceptance?	N/A

Marsh Fill

28.	Is material being discharged into marsh area?	No
29.	Is the discharge pipe being moved?	N/A
30.	Does any fill appear to be stacking above the fill template?	N/A

Other

31.	Was work performed on excavation/maintenance of the Oil Infrastructure Access Canal?	N/A
	Location:	
32.	Was work performed on excavation/maintenance of Robinson Canal Access Channel?	N/A
	Location:	
33.	Has required coordination with utility operators occurred?	N/A
34.	Was work performed today on canal closures?	N/A
35.	Have any settlement plates been installed today?	N/A
36.	Did any other work activities of note occur today?	N/A
	Description:	
37.	Are turbidity plumes noticeable in the vicinity of project construction activities?	N/A

DETAILED OBSERVATIONS & DISCUSSIONS

Detailed Observations:

1. Jason Manthey (NOAA), Rachel Sweeney (NOAA), Barry Richard (DNR) and I participated in the final site inspection. A punch list of items to be completed by the contractor was generated from observations made during the final site inspection. See the punch list for additional information. See discussion item #1.

2. The north-south running primary dike along Station 140+51 was cut near the project baseline.

3. a) Sand sample CH099 was taken near Station 140+40 Range 5+20 (N 29.30678° W 89.74142°). The Munsell color of the representative sand sample taken at this location was 2.5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

   b) Sand sample CH100 was taken near Station 135+50 Range 3+40 (N 29.30745° W 89.74288°). The Munsell color of the representative sand sample taken at this location was 5Y-3/1 (Very Dark Gray) and had an approximate grain size less than 0.1 mm.

   c) Sand sample CH101 was taken near Station 128+80 Range 4+60 (N 29.30737° W 89.74500°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

   d) Sand sample CH102 was taken near Station 123+60 Range 3+90 (N 29.30775° W 89.74660°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

   e) Sand sample CH103 was taken near Station 117+60 Range 3+40 (N 29.30812° W 89.74845°). The Munsell color of the representative sand sample taken at this location was 5Y-3/1 (Very Dark Gray) and had an approximate grain size less than 0.1 mm.

   f) Sand sample CH104 was taken near Station 113+20 Range 3+40 (N 29.30830° W 89.74982°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

   g) Sand sample CH105 was taken near Station 109+40 Range 2+70 (N 29.30863° W 89.75097°). The Munsell color of the representative sand sample taken at this location was 5Y-4/1 (Dark Gray) and had an approximate grain size of 0.1 mm.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION REPORT - PAGE 3

DATE: January 10, 2007 OBSERVATION REPORT NO: 271

Items Discussed with Contractor's Superintendent, Dump Shack Foreman and/or NOAA Personnel:

1. Jason Manthey (NOAA), Rachel Sweeney (NOAA), Barry Richard (DNR), Gary Johnson (WMI) and I participated in the bi-weekly meeting. Items discussed include the final site inspection punch list, beach acceptance survey data between Station 98+00 and Station 145+77, the borrow area pre- and post-construction survey data, the Robinson Canal and Oil Infrastructure Access Canal longintudinal survey data, and the sand fence as-built xy data. These items are further discussed in the 1/10 bi-weekly meeting minutes.

Were any issues identified today which may result in a field adjustment report, contract modification, request for interpretation, or noncompliance notice? If so, describe:

1. No.

Cut in the primary dike along Station 140+51 near the project baseline.

Beach fill near Station 140+51 Range 3+00 looking northwest.

Beach fill near Station 19+52 Range -1+00 looking west.

Final site inspection punch list creation.

APPENDIX J

COASTAL PLANNING & ENGINEERING, INC.

BI-WEEKLY REPORTS

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	April 4, 2006	BI-WEEKLY REPORT DATE:	April 19, 2006
END DATE:	April 18, 2006	BI-WEEKLY REPORT NO:	1
OBSERVER:	Brian Kendrick		

OVERVIEW OF CONSTRUCTION ACTIVITY: Pre-Construction Survey, Robinson Canal
Primary Dike, Settlement Plates
Oil Infrastructure Access Canal

STARTING STATION OF CANAL DREDGING: OIAC Station 93+00
ENDING STATION OF CANAL DREDGING: OIAC Station 102+00

PRIMARY DIKE STARTING STATION 1: Station 5+00
PRIMARY DIKE ENDING STATION 1: Station 54+00

PRIMARY DIKE STARTING STATION 2: Station 57+00
PRIMARY DIKE ENDING STATION 2: Station 140+51

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. An accurate set of as-built drawings were always located at the project site.

Project Site

1. Living conditions out at the project site met the project specifications.

2. Boat transportation for the observer met project specifications.

Site Preparation

1. All work completed during this time period was site preparation.

Primary Dikes

1. The primary dike between Station 5+00 and Station 54+00 is 80% complete as of 4/18/2006. The hold point inspection was approved on 4/6. The first lift from Station 54+00 to Station 10+00 was complete on 4/17 and the second lift from Station 10+00 to Station 54+00 was completed on 4/18. A third lift will be required on a minor portion of the dike.

2. The primary dike between Station 57+00 and Station 140+51 is 10% complete as of 4/18/2006. A hold point inspection was approved on 4/6. Minor realignments are to be submitted in RFI #4. The first lift from Station 140+51 to Station 135+68 was complete on 4/14, with additional lifts being required. The first lift from Station 94+50 to Station 102+00 was completed on 4/18 with additional lifts required.

Dredging Operations

1. The Robinson Canal dredging was complete on 4/1/2006 and the xyz data was submitted to CPE on 4/11/2006.

2. The new Oil Infrastructure Access Canal is 10% complete as of 4/18/2006. The southern half of the new canal has been dredged from Station 93+00 to Station 102+00.

Beach Fill

1. Beach fill operations have not commenced.

2. The hydraulic dredge Tom James is currently located at Port Fourchon where it is working on a 30 day project, which started on 4/14/2006. The dredge is expected to be on site for this project on approximately 5/20/2006.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: April 19, 2006 BI-WEEKLY REPORT NO.: 1

Settlement Plates

1. The placement of the settlement plates is 10% complete as of 4/18/2006. A settlement plate has been set at station 135+68.

Submitted Field Data

1. The Robinson Canal dredge xyz data was submitted to CPE on 4/11/2006.

2. WMI has completed approximately 80% of the pre-construction survey requirements.
    a. The pre-construction marsh survey data was submitted to the government on 4/6/2006. WMI needs to validate data discrepancy and/or resurvey approximately 6 profile lines.
    b. Partial beach survey data for approximately 100 lines, of 142, was submitted to CPE in draft form on 4/10/2006.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	April 19,2006	BI-WEEKLY REPORT DATE:	May 3, 2006
END DATE:	May 2, 2006	BI-WEEKLY REPORT NO:	2
OBSERVER:	Andrew Wycklendt		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Primary Dike, Oil Infrastructure Access Canal
STARTING STATION OF CANAL DREDGING:	Unit 542 - Station 92+12, Unit 418 - Station 99+38
ENDING STATION OF CANAL DREDGING:	Unit 542 - Station 101+00, Unit 418 - Station 113+00
PRIMARY DIKE STARTING STATION 1:	Unit 418 - Station 99+38
PRIMARY DIKE ENDING STATION 1:	Unit 418 - Station 113+00
PRIMARY DIKE STARTING STATION 2:	Unit 542 - Station 53+40
PRIMARY DIKE ENDING STATION 2:	Unit 542 - Station 66+50
PRIMARY DIKE STARTING STATION 3:	Unit 542 - Station 90+42
PRIMARY DIKE ENDING STATION 3:	Unit 542 - Station 87+28
GRADE STAKING STARTING STATION:	Marsh Grade Staking - Station 5+00
GRADE STAKING ENDING STATION:	Marsh Grade Staking - Station 101+80

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications have always been observed at the project site.

2. The WMI DQCR were not being submitted daily. After discussing the report submission with Tim Vestal (WMI), the report submission improved. Speaking with Tim on a daily basis ensured that the reports were submitted. Once Tim knew that I would be approaching him at night around dinner time, Tim always had an electronic version of the report ready for submission.

Project Site

1. Operations were always maintained within the project area.

2. The living conditions out at the project site generally met the project specifications. The electricity failed on one occasion, but was up and running in a timely manner. There were occasions when a skiff was not available for observer transportation, but this was resolved when a dedicated skiff was brought to the project site for Gary Johnson (WMI Project Superintendent) and the CPE observer. The water storage container aboard the Quarters Barge ran dry, but was refilled manually, when conditions permitted; although no water barge has come to the project site to refill the Quarters Barge, the WMI surveyors have made water available for all aboard the Quarters Barge permitting the use of showers, laundry facilities, etc. The Quarters Barge lost anchor, but was quickly brought back to position and re-anchored.

Site Preparation

1. C&C completed their survey and stated that all hydrographic and beach surveys have the required 50-foot overlap.

2. The WMI surveyors used an airboat to resurvey sections where it was thought that there might be an error in the vertical elevation of the C&C survey. WMI stated that the survey error was found on lines CM42 (Station 104+22), CG22 (Station 106+64), and CM44 (Station 109+06).

3. The WMI surveyors have laid out the marsh grade stake grid between Station 5+00 and Station 101+80. The marsh grade stake grid is completed between Station 5+00 and Station 67+91. The grade stake grid between Station 67+91 and Station 101+80 has been completed on the beach and all areas that can be walked; further work between Station 67+91 and Station 101+80 requires the assistance of the airboat that is currently on-site. The marsh grade staking on the pre-storm beach, between Station 9+84 and Station 24+36, will need to be re-checked as some of the placed grade stakes were marked as "tie-in", meaning that the land elevation is above the upper tolerance of the marsh. WMI plans on checking all marsh grade stakes before filling the beach and marsh with material.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: May 3, 2006 BI-WEEKLY REPORT NO: 2

Primary Dikes

1. The primary dike observed between Station 9+84 and Station 53+40 met, and exceeded in some locations, the design grade requirements for the primary dike. However, after experiencing rough weather (30 mph sustained onshore winds with 3'-5' waves) the primary dike in this location was knocked down below grade and was even breached in one location.

2. The primary dike constructed in all other locations did not experience the effects of the storm but remains below the design grade requirement. The toe of the dike at these locations is wider than specified in the construction plans. WMI plans on reworking these dikes with marsh buggies, once the material dewaters, to attain the desired design grade.

Other

1. The project superintendent was not on-site during either of the two weekends that this report documents. Problems were only encountered, possibly only noticed, when the project superintendent was absent; the crew aboard the Quarters Barge looked to the observer for direction when problems were encountered while the project superintendent was absent.

2. A settlement plate was installed at CG13 (Station 63+08) but needs to be repositioned.

Submitted Field Data

1. Robinson Canal as-built survey data.

2. CG28 settlement plate survey data.

3. RFI #4 proposed dike adjustment data.

4. Dike readjustment data in response to RFI #4.

5. Oil infrastructure access canal cross-section survey data taken on April 29, 2006.

6. Oil infrastructure access canal cross-section survey data taken on May 2, 2006.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	May 3,2006	BI-WEEKLY REPORT DATE:	May 16, 2006
END DATE:	May 16, 2006	BI-WEEKLY REPORT NO:	3
OBSERVER:	Andrew Wycklendt/Brian Kendrick		

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal, Closure #2 and Settlement Plates.

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications have always been observed at the project site.

2. The WMI DQCR are being submitted daily for the prior day's work.

Project Site

1. Operations were always maintained within the project area. Unit 418 dredged outside project permit limits under Hunt Petroleum permits CUP 20050134 and COE MVN-2005-504-EKK to access east end of project.

2. The living conditions meet the project specifications. Appropriate Boat and ATV transportation to and from the project site have been restored. CPE observers are operating WMI skiffs and ATV's.

Site Preparation

1. C&C have completed their beach and land survey. WMI to submit final survey package to CPE and government on 05/17/06.

2. The WMI surveyors are currently using an airboat to survey the marsh grade conduit pipes. They are adding target elevation marks to all conduits and obtaining TOP elevation and position. Staking of the Water Discharge Area has not been performed until the redesign is completed.

3. Two CAT D6 dozers arrived on site along with two spill boxes. This equipment has not be off loaded to date and no clearing or grubbing has been performed.

Oil Infrastructure Access Canal

1. Unit 418 has dredged the entire southern half of the Oil Infrastructure Access Canal from Station 92+12 to 122+00 and the canal is now open. The canal bottom elevation is approximately -6.5' MLW and required additional excavation. In addition, Unit 418 dredged material from the Hunt Petroleum Canal between Stations 122+00 to 124+40 which is outside the project permit limits. Dredging was performed under separate permits held by Hunt Petroleum.

2. Unit 542 has dredged material from the northern half of the Oil Infrastructure Access Canal between Stations 92+12 to Station 111+00. The material is being loaded on to barges and transported to other areas of the project for construction of the primary dikes and closures. Some of the material is also being used for construction of the primary dike adjacent to the OIAC. The canal excavation depth is approximately -6.5' MLW and still requires additional excavation.

3. The Oil Infrastructure Access Canal is approximately 75% complete.

Closures

1. Closure #2 located between Station 90+42 and 92+12 has been filled with 13 barge loads of dredge material obtained from the Oil Access Infrastructure Canal and is now closed. The top of crest achieved a maximum elevation of approximately +2.5' NAVD and has settled to an elevation of +2.0' NAVD. The material is being allowed to dewater and dry before placing additional lifts. No work has been performed on Closures #1 and #3.

2. No work has been performed on Closures #1 and #3 with the exception of stockpiling of material.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: May 16, 2006 BI-WEEKLY REPORT NO: 3

Primary Dikes

1. The primary dike that was damaged due to a past storm event between Station 9+84 and Station 53+40 has been repaired and in now at grade.

2. The primary dike from Station 7+00 to Station 53+40 has been constructed to grade and still requires final shaping. A 200' section in the No Excavation Area along Station 7+00 has not been constructed. The western end of the primary dike is being constructed by marsh buggy Unit 789 and the remainder was constructed by Unit 542.

3. The primary dike from Station 58+23 to Station 90+42 is at grade and requires shaping with the exception of the Robinson Canal crossing. The Robinson Canal Crossing is near elevation +2.5' NAVD and is being allowed to dewater and dry before placing final lifts.

4. The primary dike between Station 92+12 and Station 94+50 is at grade and still requires shaping. Some material is being stockpiled in this area for use on canal closures.

5. The primary dike along the Oil Infrastructure Access Canal between Station 94+50 and Station 124+40 has had one to two lift placed and is not at grade.

6. The primary dike between Station 126+00 and 155+00 has not been constructed. Unit 418 will be used to construct the dike using material that will be barged in.

7. The primary dike between Station 155+00 to the project terminus at Station 140+51 has been constructed to grade. The dike still requires shaping and a small section at Station 138+75 still requires maintenance.

8. Construction of the primary dike system is approximately 80% complete.

Other

1. Gary Johnson, project superintendent, will be off-site for approximately one week. Tim Vestal is currently in charge.

2. A settlement plate was installed at CG13 (Station 63+08). Two out of seven plates have been installed to date.

3. WMI typically performs two bird patrols each day one in the morning and the second in the evening. ATV's are located on the east and middle islands. To date, no bird nesting or dive bombing have been observed although a significant increase in bird population has occurred over the last month.

4.

Submitted Field Data

1. RFI #5 WMI request to eliminate target elevation on conduit. Request was denied.

2. CG28 settlement plate survey data.

3. RFI #6 WMI request to change fence post to untreated rounded bed posts. Current status is pending.

4. WMI Request for Extension of Contract Time for 118 additional days. Current status is pending.

5. WMI submitted a revised construction schedule 5/14/06.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	May 17, 2006	BI-WEEKLY REPORT DATE:	May 31, 2006
END DATE:	May 31, 2006	BI-WEEKLY REPORT NO:	4
OBSERVER:	Jonathan Rager		

OVERVIEW OF CONSTRUCTION ACTIVITY: Primary Dike, Oil Infrastructure Access Canal, Dredging Preparation
Canal Closures at Sta. 133+00, Sta. 125+00, Sta. 91+00, and Sta. 75+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.
2. A set of as-built drawings were being developed during primary dike construction.
3. The WMI DQCR are being submitted daily for the prior day's work.

Project Site

1. Operations were always maintained within the project area.
2. Living conditions out at the project site met the project specifications.
3. Boat transportation for the observer met project specifications. There were occasions when gasoline shortages limited boat transportation, but these prevent the site from being observed.

Site Preparation

1. WMI completed the pre-construction survey and submitted it to Gordon Thomson (CPE). The pre-construction survey submittal was approved on 5/26/06.
2. WMI surveyors used an airboat and skiff to place stakes with the target, minimum, and maximum grade markings in the marsh and water discharge area.
3. Two CAT D6 bulldozers, the dump shack, and dredge shore pipe arrived on site. This equipment was offloaded at Sta. 15+00 and began preparing the site.
4. The Tom James arrived in Grand Isle on 5/23. The Tom James arrived at the Quatre Bayou borrow area on 5/24.
5. Construction of the submerged pipeline began on 5/24 with the entire 16,560' length finished on 5/27.
6. Pickup of trash between Sta. 7+00 and Sta. 34+04 began. Burnable debris was also stacked into future burn piles.

Oil Infrastructure Access Canal

1. Unit 542 has dredged material from the northern half of the Oil Infrastructure Access Canal between Stations 111+00 to Station 116+32. The material is being loaded on to barges and transported to other areas of the project for construction of the primary dikes and closures. Some of the material is also being used for construction of the primary dike adjacent to the OIAC. The canal excavation depth is approximately -7.0' MLW from Sta. 94+00 to Sta. 111+48 and the rest still requires additional excavation.
2. The Oil Infrastructure Access Canal is approximately 85% complete.

Closures

1. No work has been performed on the closure at Sta. 56+00.
2. The closure at Sta. 75+00 is now approximately +2.0' MLW.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: May 31, 2006 BI-WEEKLY REPORT NO: 4

Closures

3. The closure at Sta. 91+00 is at approximately +0.0' MLW.

4. The closure at Sta. 125+00 has been started. Approximately one quarter of the closure has been constructed to +1.0' MLW. Additional material was stockpiled on the bank nearby to facilitate dewatering.

5. The closure at Sta. 133+00, which received its first material, is now +2.0' MLW. Material has been stockpiled one the southern end of the closure to dewater for future construction.

Primary Dikes

1. The primary dike between Sta. 29+20 and Sta. 53+40 that was damaged due to a wave induced erosion has been repaired and is now at grade.

2. The western end of the primary dike at Sta. 7+00 has been eroding from wave forces.

3. The primary dike from Sta. 58+23 to Sta. 90+42 is at grade and requires shaping with the exception of the Robinson Canal crossing. Occasional sections needed additional lifts to reach the template's desired elevation. The Robinson Canal Crossing is near elevation +2.5' NAVD and being built from both stockpiled and barged in material.

4. The primary dike between Sta. 92+12 and Sta. 124+40 is at grade, but still requires shaping.

5. The primary dike between Station 135+68 to the project terminus at Station 140+51 was sagging in places, but has since been constructed back to grade. The dike still requires shaping.

6. Construction of the primary dike system is approximately 80% complete.

Other

1. Tim Vestal (WMI) and Ted Vestal (WMI) were the project superintendents before Gary Johnson (WMI) returned on 5/17.

2. WMI typically performs two bird patrols each day one in the morning and the second in the evening. ATV's are located on the east and middle islands. To date, no bird nesting or dive bombing have been observed although a significant increase in bird population has occurred over the last two weeks. Access to the middle island for bird patrols has been temporarily cut off by high tides and the removal of an ATV.

3. Hunt Petroleum had extensive operations cleaning the "goop" out of wells near the project area between 5/18 and 5/22, including parking three work barges on the shore near the primary dike at Sta. 82+00 before relocating to the canal north of the project area at Sta. 53+40.

Submitted Field Data

1. RFI #6 WMI request to change fence post to untreated rounded bed posts. Accepted pending cost change.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	June 1, 2006	BI-WEEKLY REPORT DATE:	June 14, 2006
END DATE:	June 14, 2006	BI-WEEKLY REPORT NO:	5
OBSERVER:	Andrew Wycklendt		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Canal Closures, Overburden Removal Beach Fill, Containment Dikes
OUTFALL START LOCATION:	Station 30+00
OUTFALL END LOCATION:	Station 43+50
BEACH FILL START LOCATION:	Station 30+00
BEACH FILL END LOCATION:	Station 50+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. An accurate set of as-built drawings were always located at the project site.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutter head xyz data were submitted daily except for one occasion. The cutter head xyz data for 6/10 was not submitted until 6/12. There were inconsistencies between the WMI DDR and DQCR. Inconsistencies include: outfall location, outfall advance, and survey activities performed while conducting the daily bird patrol. Additionally, the format of the reports has misplaced descriptive items or did not show them at all.

Project Site

1. Operations were always maintained within the project area.

2. Living conditions out at the project site met the project specifications.

3. Boat transportation for the observer met project specifications. There were two occasions when boat transportation was limited and the observer did not have a dedicated boat, due to mechanical problems and service needs; however, WMI provided transportation for the observer upon demand.

Site Preparation

1. Trash that can be moved by hand was cleared from the beach between Station 5+00 and Station 77+60; all debris was cleared between Station 5+00 and Station 48+56 (a few cut pipelines remain).

2. Wood debris cleared between Station 5+00 and Station 48+56 that has not been pressure treated was separated from the other trash and is in a single pile near Station 19+52. The Plaquemines Parish Government has offered to write a letter of no objection for the burning of wood that has not been pressure treated. WMI is currently seeking a permit with the Louisiana Department of Environmental Quality to allow burning of collected wood debris.

3. All CG and CM profile lines were staked on the beach; the northern extent of the dune crest and intermediate locations 100 feet south were staked. Intermediate locations between the northern extent of the dune crest and the beginning of the marsh have also been staked. The northern extent (and southern extent when water depths allow) of the dune crest is noted with a white marker near the top of the metal conduit. WMI has also placed duck tape on beach grade stakes between Station 29+20 and Station 147+77 that mark the northern extent of the dune crest. The station number and the letters NC, for Northern Crown, are written on the duck tape. Near the fill area the spacing of the beach grade stakes was tightened to 100 feet and the tops were painted orange.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: June 14, 2006 BI-WEEKLY REPORT NO.: 5

Primary Dikes

1. The primary dike running north to south near Station 7+00 was constructed. This primary dike was constructed per the project specifications; however, wave action has severely eroded the dike. The primary dike at this location was breached resulting in a 50 foot gap between Range -8+75 and Range -9+25. The width was also compromised as it is roughly 2 to 4 feet wide between Range -8+00 and Range -8+75.

2. Additional material was placed on various sections of the primary dike that crosses Robinson Canal between Station 72+75 and Station 77+60 at Range -14+00 to achieve the design grade.

3. Additional material was placed on the primary dike between Station 121+16 and Station 124+40 and on the primary dike near Station 130+84 to achieve grade.

4. The canal closures between Station 124+40 and Station 126+00 and between Station 90+42 and Station 92+12 were completed.

5. The canal closure between Station 53+40 and Station 58+23 was started. Material was stockpiled on both the east and west sides of the canal.

Dredging Operations

1. Borrow area overburden removal operations took place between 6/1 and 6/5. The overburden was side cast within the borrow area.

2. Sand dredging and discharge operations began on 6/5. Dredging ceased around 18:00 on 6/11, due to high seas, and resumed around 12:00 on 6/13. The dredge was towed back to Grand Isle due to the arriving swell from Tropical Storm

Beach Fill

1. Sand was first discharged to the beach on 6/5. The outfall started at Station 30+00 and moved east toward the breach between Station 34+04 and Station 53+40. The outfall was last observed at Station 43+50 and Range -1+00. Initially a standard diffuser was used but was changed on 6/9 to a 90° dredge pipe elbow that points upward to facilitate a mushroom discharge.

2. The north containment dike extends from Station 30+00 to Station 51+00 at Range -3+00 and has a crest elevation of approximately 6 feet NAVD. The south containment dike extends from Station 30+00 to Station 49+50 at Range -0+50 and has a crest elevation of approximately 6 feet NAVD. The center containment dike extends from Station 30+00 to Station 44+00 at Range -1+50 and has a crest elevation of approximately 5 feet NAVD.

3. The beach fill extends from Station 30+00 to Station 50+00. The breach between Station 34+04 and Station 53+40 was closed. The beach fill elevation near Station 50+00 is approximately 1 foot NAVD. The beach fill near the outfall at Station 43+50 is approximately 4 feet NAVD. The beach fill between Station 30+00 and Station 43+50 is roughly 5 feet NAVD.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Munsell Color
CH001	6/8/2006	18:45	31+62	-1+75	N 29.3127°	W 89.7750°	2.5Y-4/1 (Dark Gray)
CH002	6/9/2006	17:30	34+04	-1+75	N 29.3127°	W 89.7741°	5Y-4/1 (Dark Gray)
CH003	6/10/2006	15:00	36+46	-3+00	N 29.3128°	W 89.7734°	5Y-4/1 (Dark Gray)
CH004	6/11/2006	16:50	37+00	-1+60	N 29.3125°	W 89.7732°	5Y-4/1 (Dark Gray)
CH005	6/13/2006	15:20	38+00	-1+60	N 29.3125°	W 89.7729°	2.5Y-4/1 (Dark Gray)
CH006	6/14/2006	16:40	43+00	-1+50	N 29.3123°	W 89.7048°	5Y-4/1 (Dark Gray)

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: June 14, 2006 BI-WEEKLY REPORT NO.: 5

Other

1. Brian Kendrick (BKE) and Barry Richard (DNR) visited the project site on 6/7 for the primary dike and beach grade staking hold point inspection. During the hold point inspection, all primary dikes, beach grade staking between Station 5+00 and Station 77+60, and marsh grade staking between Station 104+22 and Station 126+00, the water discharge area on the previous construction plans, were observed. The primary dike was deemed one hundred percent (100%) complete; it was decided that the primary dike near Station 72+75 may need another lift in the future and should be checked again during the next bi-weekly meeting planned for June 15, 2006. The beach was properly staked between Station 7+50 and Station 34+04 and between Station 53+40 and Station 77+60; the northern extent of the dune crest and the centerline of the dune crest were staked, the areas further south were not staked due to the water depth and the possiblity of storm waves knocking down placed beach grade stakes. Additionally, the west beach was properly grubbed. The previous water discharge area between Station 104+22 and Station 126+00 was properly staked for marsh fill.

2. Greg Grandy (DNR) visited the project site on 6/9 with a photographer. Greg, the photographer, Gary Johnson (WMI), Paul Stewart (WMI), and I toured the project site. The project fill area on the beach near Station 30+00 and Unit 542 were both visited.

Submitted Field Data

1. RFI #8 - Temporary Protection for the West End of the Primary Dike at Station 7+00 - 6/7/06

2. WMI Beach Fill Check Survey - 6/10/06

3. WMI Beach Fill Check Survey - 6/12/06

Non-Compliance

1. Non-compliance #1 - 6/9/06. The contractor was over dredging within the borrow area.

2. Non-compliance #2 - 6/13/06. The contractor's quality control reports were requiring excessive revisions.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	June 15, 2006	BI-WEEKLY REPORT DATE:	June 28, 2006
END DATE:	June 29, 2006	BI-WEEKLY REPORT NO:	6
OBSERVER:	Jonathan Rager		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Canal Closures, Overburden Removal Beach Fill, Containment Dikes
OUTFALL START LOCATION:	Station 44+75
OUTFALL END LOCATION:	Station 23+70
BEACH FILL START LOCATION:	Station 63+08
BEACH FILL END LOCATION:	Station 6+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The Tom James did not initially have the construction plans and specifications in paper form, but now does. Sheet 29 was missing in the new drawings and was provided on 6/22.

2. An accurate set of as-built drawings were always located at the project site.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutter head xyz data were submitted daily except for one occasion. The cutter head xyz data for 6/22 was not submitted until 6/24. There were inconsistencies between the WMI DDR and DQCR regarding down time, its format, and maintaining consistency in its presentation.

Project Site

1. Excavation occurred on the spoil bank at Station 58+23. Otherwise, operations were always maintained within the project area.

2. Living conditions out at the project site met the project specifications.

3. Boat and beach transportation for the observer met project specifications.

Site Preparation

1. Trash that can be moved by hand was cleared from the beach between Station 58+23 and Station 106+64; all debris was cleared between Station 58+23 and Station 106+64.

2. Wood debris near Station 19+52 and Station 84+00 was burned. WMI received a permit from Plaquemines Parish to allow burning of collected wood debris valid from May 31, 2006 to December 30, 2006 on 5/21.

3. The surveyors checked the stakes daily for damage from bulldozers. The beach has been staked as far into the water as the surveyors could comfortably go between Station 7+33 and Station 86+00. The dune was staked between Station 7+44 and Station 34+04. The seaward crown and slope was staked between Station 7+84 and Station 18+00. Intermediate stakes were also installed on the landward dune slopes going towards the marsh to aid the bulldozers in building to the correct grade. Pink and blue tape on a stake means that point is an intersection of the beach and marsh fill.

Primary Dikes

1. The primary dike running north to south near Station 7+00 has been stable for the past two weeks.

2. The primary dike between Station 53+40 and Station 58+23 has been finished and at grade of +4.5' NAVD.

3. Stockpiled material from the seaward side of the primary dike between Station 116+32 and Station 121+16 and at Station 96+00 was removed to build the primary dike at the closure between Station 53+40 and Station 58+23.

4. All of the primary dike is to grade (+4.5' NAVD) but requires shaping.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: June 28, 2006 BI-WEEKLY REPORT NO.: 6

Dredging Operations

1. Sand dredging and discharge operations ceased on 6/15 at 16:00.
2. Borrow area overburden removal operations took place between 6/16 and 6/18 to uncover more sand.
3. Sand dredging and dredging operations resumed on 6/19 at 08:00 and ceased on 6/24 at 06:30.
4. Borrow area overburden removal operations took place between 6/24 and 6/27 to uncover more sand.
5. Sand dredging and discharge operations resumed on 6/28 at 08:00.

Beach Fill

1. Sand was discharged to the beach until 6/15. The outfall ended at Station 44+75 pointed east. A 90° dredge pipe elbow that points upward to facilitate a mushroom discharge was used for the entire period. During the discharge between 6/19 and 6/24 the outfall started at Station 46+00 facing west and moved to Station 24+70 facing west. Starting on 6/28 the outfall is at Station 23+70 facing west.
2. The north containment dike extends from Station 23+70 to Station 13+60 and has a crest elevation of approximately 5' NAVD. The south containment dike extends from Station 23+70 to Station 11+70 and has a crest elevation of approximately 6' NAVD.
3. The beach fill extends from Station 6+00 to Station 63+08. The breach between Station 58+23 and Station 63+08 was closed. The beach fill elevation near Station 50+00 is approximately 1 foot NAVD. The beach fill near the outfall at Station 43+50 is approximately 4 feet NAVD. The beach fill between Station 30+00 and Station 43+50 is roughly 5 feet NAVD.

Sand Samples

Sample	Date	Time	Station	Latitude	Longitude	Munsell Color
CH007	6/15/06	11:15	44+75	N 29.3046°	W 89.7708°	5Y-5/1 (Gray)
CH008	6/19/06	20:15	56+00			2.5Y-6/1 (Gray)
CH009	6/20/06	10:30	56+30	N 29.3114°	W 89.7664°	5Y-5/1 (Gray)
CH010	6/21/06	9:40	27+60	N 29.3132°	W 89.7762°	5Y-5/1 (Gray)
CH011	6/22/06	17:40	18+20	N 29.3135°	W 89.7792°	5Y-5/1 (Gray)
CH012	6/23/06	9:30	13+20	N 29.3138°	W 89.7804°	5Y-5/1 (Gray)
CH013	6/28/06	10:50	23+50	N 29.3131°	W 89.7775°	2.5Y-6/1 (Gray)

Other

1. The canal closure signs at Station 75+00, Station 91+00, and Station 123+00 have been installed permanently. The canal closure sign at Station 7+00 is still temporarily installed.
2. The access road reaching from the canal at Station 76+00 to the beach at Station 79+00 was completed by using the top of the spoil mound and scraping material from the beach to fill the gap on the seaward side of the access road.

Submitted Field Data

1. RFI #9 - 06/21/06 - Primary Dike / Maintenance Dredging for Hunt Oil
2. RFI #10 - 6/21/06 - Request to burn trees, driftwood, and large snags on the islands
3. WMI submitted an updated construction schedule on 6/20/06

Non-Compliance

1. Non-Compliance #3 - 6/22/06 - The contractor was over dredging within the borrow area.
2. Non-Compliance #1 - 6/09/06 - Contractor responded on 6/22/06
3. Non-Compliance #3 - 6/22/06 - Contractor responded on 6/26/06

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	June 29, 2006	BI-WEEKLY REPORT DATE:	July 13, 2006
END DATE:	July 13, 2006	BI-WEEKLY REPORT NO:	7
OBSERVER:	Andrew Wycklendt		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Marsh Fill, Beach Fill
MARSH OUTFALL START LOCATION:	Station 8+50
MARSH OUTFALL END LOCATION:	Station 40+50
BEACH OUTFALL START LOCATION:	Station 29+00
BEACH OUTFALL END LOCATION:	Station 29+00
MARSH FILL START LOCATION:	Station 7+50
MARSH FILL END LOCATION:	Station 53+40
BEACH FILL START LOCATION:	Station 29+20
BEACH FILL END LOCATION:	Station 16+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. An accurate set of as-built drawings were always located at the project site.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutter head xyz data were submitted daily except for one occasion. The WMI DQCR, DDR, and cutter head xyz data for 7/3 was not submitted until 7/5. There were inconsistencies throughout the WMI DQCR on several occasions.

Project Site

1. Operations were always maintained within the project area.

2. Living conditions out at the project site met the project specifications.

3. Boat transportation for the observer met project specifications. Transportation from the boat landing to the fill area was limited, as the Mule was no longer operable; however, WMI made every effort possible to provide land transportation for the observer. Land transportation included a ride on the back of the ATV when WMI made a trip from the boat landing to the fill area.

Site Preparation

1. Two piles of dead vegetation and non-treated wood were burned throughout this observation period. The burn piles were located near Station 66+00 Range -0+10 and near Station 52+00 Range -3+00. When these piles of dead vegetation and non-treated wood were burning, the burns appeared to be under control with little light gray smoke.

2. WMI surveyed the landward slope and toe of the dune between Station 7+00 and Station 53+40. These surveys were completed prior to the marsh fill reaching the surveyed station.

3. WMI placed stakes along the landward toe of the dune. These stakes are delineated with a blue marker on the top of the metal conduit.

4. WMI placed beach grade stakes along the seaward limit of the dune crest between Station 29+20 and Station 7+42. The grade stakes that mark the seaward limit of the dune crest are delineated with a white marker on the top of the conduit, an orange grade marker at an elevation of 6 feet NAVD, and a duct tape flag with the station number and the letters SC written on opposite sides. WMI also placed grade stakes on the seaward slope of the dune between Station 29+20 and Station 7+42. The grade stakes on the seaward slope of the dune were placed at the appropriate ranges for the design elevations of 5 feet NAVD, 4 feet NAVD, 3 feet NAVD, and 2 feet NAVD with the design grade delineated with an orange marker.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: July 13, 2006 BI-WEEKLY REPORT NO.: 7

Dredging Operations

1. Borrow area overburden removal operations took place between 6/29 and 7/7. The overburden was placed in the marsh creation area.

2. The Tom James was down for repairs between 7/8 at 4:00 and 7/10 at 15:30.

3. Sand dredging and discharge operations resumed on 7/10 at 15:30. Sand dredging and discharge operations continued through 7/13.

Marsh Fill

1. Overburden was first discharged to the marsh on 6/29. The outfall started at Station 8+50 Range -6+00 and moved east. The outfall was last observed on the marsh at Station 40+50 Range -8+50 on 7/7. A 90° dredge pipe elbow that points upward was used to facilitate a mushroom discharge of overburden to the marsh.

2. The marsh fill extends from Station 7+50 to Station 53+40. The marsh fill stacked above the fill template with an elevation between 2.7 feet NAVD and 3.5 feet NAVD between Station 7+50 and Station 53+40 and between the seaward extent of the marsh and the primary dike.

Beach Fill

1. Sand discharge to the beach resumed on 7/10. The outfall was located at Station 29+00 Range -0+25. A 90° dredge pipe elbow that points upward was used to facilitate a mushroom discharge of sand to the beach.

2. The south containment dike extends from Station 29+20 to Station 23+00 at Range 2+05 and has a crest elevation of approximately 5 feet NAVD.

3. The beach fill extends from Station 29+20 to Station 16+00. The beach fill elevation near Station 16+00 is approximately 2 feet NAVD. The beach fill near the outfall at Station 29+00 is approximately 4 feet NAVD.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Munsell Color
CH014	7/11/2006	16:30	29+00	1+05	N 29.3121°	W 89.7092°	5Y-4/1 (Dark Gray)
CH015	7/12/2006	17:15	28+00	-1+25	N 29.3128°	W 89.7762°	2.5Y-4/1 (Dark Gray)

Other

1. Brian Kendrick (KE) visited the project site on 7/4 to inspect the created marsh. Brian and I estimated the marsh elevation along the marsh/dune interface between Station 11+00 and Station 26+00. This was a reasonable estimate of the actual marsh elevation as the marsh surface was relatively flat since this estimation was completed shortly after the marsh fill was placed. The elevation of the marsh was estimated by measuring the distance between the marsh grade marker and the constructed marsh surface. Marsh elevation estimates are shown in the following table:

Station	Range	Elevation (ft. NAVD)
11+00	-2+40	2.7
14+00	-2+80	2.7
17+00	-3+20	3.4
20+00	-3+40	3.3
23+00	-3+40	3.5
26+00	-3+40	2.7

Submitted Field Data

1. WMI submitted survey data of the landward dune toe and slope between Station 7+00 and Station 29+20 on 7/3.

2. WMI submitted survey data of the landward dune toe and slope between Station 30+00 and Station 53+40 on 7/7.

Contract Modifications

1. Amendment #004, which extends the completion date an additional 118 days from 7/29 to 11/24, was issued on July 3, 2006.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	July 14, 2006	BI-WEEKLY REPORT DATE:	July 24, 2006
END DATE:	July 25, 2006	BI-WEEKLY REPORT NO:	8
OBSERVER:	Jonathan Rager		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Beach Dressing
MARSH OUTFALL START LOCATION:	N/A
MARSH OUTFALL END LOCATION:	N/A
BEACH OUTFALL START LOCATION:	Station 26+00
BEACH OUTFALL END LOCATION:	Station 37+60
MARSH FILL START LOCATION:	N/A
MARSH FILL END LOCATION:	N/A
BEACH FILL START LOCATION:	Station 24+00
BEACH FILL END LOCATION:	Station 30+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.
2. An accurate set of as-built drawings were always located at the project site.
3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutter head xyz data were submitted daily.

Project Site

1. Operations were always maintained within the project area.
2. Living conditions out at the project site met the project specifications.
3. Boat and land transportation for the observer met project specifications.

Site Preparation

1. WMI attempted to burn one pile of dead vegetation at Station 63+00 and was unsuccessfull three times.
2. WMI took several progress surveys (ADs) of the beach fill area from Station 9+00 to Station 40+00. This data was shared witl CPE, but was not an official post-construction survey.
3. WMI staked the landward toe of the dune between Station 53+00 and Station 73+00, staked the seaward slope between Station 41+00 and Station 46+00, and worked replacing other beach fill stakes knocked over or washed out in the process of building the beach.

Dredging Operations

1. Borrow area overburden removal operations took place between 7/18 and 7/19. The overburden material was sidecast.
2. The Tom James was down for repairs between 7/18 at 10:50 until 7/19 at 15:35. The repairs required the Tom James to be towed back to Grand Isle.
3. Sand dredging and discharge continued from 7/14 through 7/20 with the exception of the repair time above.

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CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: July 24, 2006 BI-WEEKLY REPORT NO.: 8

Marsh Fill

1. One of the marsh buggies was observed from 7/14 to 7/16 attempting to "walk" down the marsh fill by running over it and forcing it to compress and dewater.

Beach Fill

1. Sand discharge to the beach continued on 7/14 through 7/20. With the discharge flowing west, the outfall was moved from Station 29+00 to Station 26+00. When the discharge direction was turned around and pointed east, the outfall ranged form Station 30+80 to Station 37+60. A 90° dredge pipe elbow that points upward was used to facilitate a mushroom discharge of sand to the beach, and a Y-valve to split the discharge pipe.

2. There are two containment dike systems on the beach. One for the eastward outfall, which the north containment dike extend to Station 58+20, south containment dike to Station 38+20, and the middle containment dike to Station 63+10. The westward outfall system currently has a north and south dike extending to Station 14+00.

3. A complete and dressed beach dune exists from Station 24+00 to Station 30+00. The beach dune height from Station 30+00 starts at +6.0' NAVD and gradually slopes down to +2.0' NAVD at Station 50+00. The beach fill extends from Station 29+20 to Station 16+00. The beach dune height from Station 24+00 starts at +6.0' NAVD and gradually slopes down to +2.0' NAVD at Station 9+00.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Munsell Color
CH016	7/13/2006	16:50	26+70	-5+60	N 29.3121°	W 89.7765°	2.5Y-4/1 (Dark Gray)
CH017	7/14/2006	10:00	25+90	-6+00	N 29.3122°	W 89.7768°	2.5Y-4/1 (Dark Gray)
CH018	7/15/2006	10:15	23+35	-9+45	N 29.3131°	W 89.7776°	5Y-4/1 (Dark Gray)
CH019	7/16/2006	10:30	20+60	-9+80	N 29.3132°	W 89.7786°	5Y-4/1 (Dark Gray)
CH020	7/17/2006	9:30	32+60	-3+60	N 29.3115°	W 89.7747°	5Y-4/1 (Dark Gray)
CH021	7/18/2006	9:30	29+80	-6+50	N 29.3123°	W 89.7755°	5Y-4/1 (Dark Gray)
CH022	7/20/2006	18:10	33+70	-6+90	N 29.3124°	W 89.7744°	5Y-4/1 (Dark Gray)

Other

1. The Tom James had some occurrences of dredging horizontally outside of the borrow area permit with a maximum error of 11.25 feet.

2. WMI continues to have equipment breakdowns of the beach equipment (bulldozers and marsh buggies). Specifically, there were insufficient operable bulldozers between 7/20 and 7/23 to work the fill so the Tom James switched to stripping operations. A field mechanic arrived on 7/18 and has been repairing the bulldozers. On average, only 3 to 4 bulldozers are operable at any given time.

3. No slumping or other deficiencies were observed in the primary dike between Station 53+40 and Station 140+51.

4. The canal closure signs were inspected to make sure that all design specified elements are installed correctly.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	July 25, 2006	BI-WEEKLY REPORT DATE:	August 9, 2006
END DATE:	August 9, 2006	BI-WEEKLY REPORT NO:	9
OBSERVER:	Andrew Wycklendt		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill and Overburden Removal
NORTH OUTFALL START LOCATION:	Station 24+00 (West), Station 43+00 (East)
NORTH OUTFALL END LOCATION:	Station 16+40 (West), Station 48+75 (East)
CENTER OUTFALL START LOCATION:	Station 23+50 (West), N/A (East)
CENTER OUTFALL END LOCATION:	Station 16+70 (West), N/A (East)
SOUTH OUTFALL START LOCATION:	Station 23+50 (West), Station 30+00 (East)
SOUTH OUTFALL END LOCATION:	Station 16+30 (West), Station 34+60 (East)
NORTH CONTAINMENT DIKE START LOCATION:	Station 7+00 (West), Station 53+40 (East)
NORTH CONTAINMENT DIKE END LOCATION:	Station 7+00 (West), Station 53+40 (East)
SOUTH CONTAINMENT DIKE START LOCATION:	Station 5+00 (West), Station 35+00 (East)
SOUTH CONTAINMENT DIKE END LOCATION:	Station 8+00 (West), Station 48+56 (East)
OTHER CONTAINMENT DIKE START LOCATION:	N/A (West), Station 58+23 (East)
OTHER CONTAINMENT DIKE END LOCATION:	N/A (West), Station 58+23 (East)
BEACH FILL START LOCATION:	Station 5+00 (West), Station 43+72 (East)
BEACH FILL END LOCATION:	Station 3+30 (West), Station 60+00 (East)

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. An accurate set of as-built drawings were always located at the project site.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutter head xyz data were submitted daily. There were inconsistencies throughout the WMI DQCR on several occasions.

Project Site

1. While pumping sand west the slurry flowed into Pass La Mer. On 8/3 the fill extended outside the project footprint. The width of Pass La Mer decreased to approximately 150 feet. Pumping sand west stopped on 8/4 around 7:45 to prevent the closure of Pass La Mer.

2. Living conditions out at the project site met the project specifications.

3. Boat transportation for the observer met project specifications. Transportation from the boat landing to the fill area was limited; however, WMI made every effort possible to provide land transportation for the observer.

Site Preparation

1. The WMI survey crew placed beach grade stakes between Station 50+00 and Station 57+00.

2. The WMI survey crew checked grade stakes near the fill areas and replaced as necessary.

3. The WMI survey crew cleared debris from the beach while on the project site.

Dredging Operations

1. The Tom James stripped overburden material from the borrow area between 7/25 at 00:00 and 7/31 at 6:20. The Tom James returned to a safe harbor due to weather and waves on 7/25 at 15:40 and resumed stripping operations on 7/27 at 17:30.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: August 9, 2006 BI-WEEKLY REPORT NO.: 9

2. The Tom James pumped beach fill west between 7/31 at 8:00 and 8/4 at 6:35.

3. The Tom James pumped beach fill east between 8/4 at 9:00 and 8/9 at 24:00. The Tom James returned to a safe harbor due to weather and waves on 8/6 at 1:35 and resumed pumping sand east on 8/7 at 12:30.

Beach Fill

1. When filling west the design template elevation was achieved between Station 29+20 and Station 17+00. The elevation of the dune crest was approximately 5 feet NAVD near Station 16+00 and linearly decreased to approximately 2 feet NAVD near Station 7+00.

2. When filling east the design template elevation was achieved between Station 29+20 and Station 34+04. The beach, particularly the seaward extent of the dune between Station 34+04 and the extent of fill near Station 60+00 remains incomplete. The fill elevation was approximately 5 feet NAVD near Station 34+04 and linearly decreased to approximately 1 foot NAVD near Station 60+00.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH023	07/31/2006	15:00	22+00	1+00	N 29.31240°	W 89.77820°	0.1 mm	2.5Y-4/1 (Dark Gray)
CH024	08/01/2006	15:10	19+00	-1+80	N 29.31328°	W 89.77887°	0.1 mm	5Y-4/1 (Dark Gray)
CH025	08/02/2006	17:00	20+00	-0+40	N 29.31283°	W 89.77857°	0.1 mm	5Y-4/1 (Dark Gray)
CH026	08/03/2006	9:10	16+75	-1+60	N 29.31327°	W 89.77473°	0.1 mm	5Y-4/1 (Dark Gray)
CH027	08/04/2006	7:05	16+00	-1+80	N 29.31338°	W 89.77980°	0.1 mm	5Y-4/1 (Dark Gray)
CH028	08/05/2006	14:48	31+00	1+20	N 29.31195°	W 89.77525°	0.1 mm	5Y-4/1 (Dark Gray)
CH029	08/07/2006	18:13	31+00	0+00	N 29.31230°	W 89.77527°	0.1 mm	5Y-4/1 (Dark Gray)
CH030	08/08/2006	13:19	32+00	0+00	N 29.31220°	W 89.77490°	0.1 mm	2.5Y-4/1 (Dark Gray)
CH031	08/09/2006	18:06	34+00	1+16	N 29.31185°	W 89.77435°	0.1 mm	5Y-4/1 (Dark Gray)

Other

1. The Government approved the proposed sand fence tie wire on 7/26.

2. WMI submitted a cost proposal on 8/2 for the revisions made to the project plans.

3. WMI submitted RFI #11, problems with Pass La Mer, on 8/9.

Submitted Field Data

1. WMI submitted check survey data of the beach fill between Station 34+04 and Station 42+00 on 7/30.

2. WMI submitted check survey data of the beach fill between Station 30+00 and Station 32+00 and between Station 46+00 and Station 63+08 on 8/2.

3. WMI submitted check survey data of the beach fill between Station 5+00 and Station 28+00 on 8/3.

4. WMI submitted check survey data of the beach fill between Station 24+36 and Station 29+20 on 8/5.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	August 10, 2006	BI-WEEKLY REPORT DATE:	August 21, 2006
END DATE:	August 21, 2006	BI-WEEKLY REPORT NO:	10
OBSERVER:	Andrew Wycklendt		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Marsh Fill, Overburden Removal
NORTH OUTFALL START LOCATION:	Sta. 43+60 (Beach), Sta. 48+56 (Marsh)
NORTH OUTFALL END LOCATION:	Sta. 46+00 (Beach), Sta. 48+56 (Marsh)
SOUTH OUTFALL START LOCATION:	Sta. 34+60 (Beach), Sta. 53+40 (Marsh)
SOUTH OUTFALL END LOCATION:	Sta. 45+25 (Beach), Sta. 58+23 (Marsh)
NORTH CONTAINMENT DIKE START LOCATION:	Sta. 53+40 (Beach)
NORTH CONTAINMENT DIKE END LOCATION:	Sta. 63+08 (Beach)
SOUTH CONTAINMENT DIKE START LOCATION:	Sta. 48+56 (Beach), Sta. 53+40 (Marsh)
SOUTH CONTAINMENT DIKE END LOCATION:	Sta. 64+00 (Beach), Sta. 67+91 (Marsh)
OTHER CONTAINMENT DIKE START LOCATION:	Sta. 58+23 (Beach)
OTHER CONTAINMENT DIKE END LOCATION:	Sta. 63+08 (Beach)
FILL START LOCATION:	Sta. 60+00 (Beach), Sta. 53+40 (Marsh)
FILL END LOCATION:	Sta. 66+00 (Beach), Sta. 77+60 (Marsh)

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. An accurate set of as-built drawings were always located at the project site.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutterhead xyz data were submitted daily. There were inconsistencies throughout the WMI DQCR on several occasions.

Project Site

1. Living conditions out at the project site met the project specifications.

2. Boat transportation for the observer met project specifications. Transportation from the boat landing to the fill area was limited; however, WMI made every effort possible to provide land transportation for the observer.

Site Preparation

1. Shore pipe was transferred from the barge located near Station 58+23 Range -13+00 to the beach near Station 77+60 Range - 1+00 on 8/17 and 8/18.

2. The WMI survey crew checked grade stakes near the fill areas and replaced as necessary.

Dredging Operations

1. The Tom James pumped beach fill east between 8/10 at 00:00 and 8/11 at 11:55.

2. The Tom James pumped marsh fill east between 8/11 at 18:35 and 8/12 at 9:00.

3. The Tom James stripped overburden material from the borrow area between 8/12 at 11:20 and 8/18 at 7:55.

4. The Tom James pumped beach fill east between 8/18 at 9:40 and 8/21 at 24:00. Beach fill east operations continue.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: August 21, 2006 BI-WEEKLY REPORT NO.: 10

Beach Fill

1. The dune template was achieved between Station 34+60 and Station 45+25. The dune template north of the project baseline was achieved between Station 34+60 and Station 63+08. The south slope of the dune template was achieved between Station 34+60 and Station 53+40. The elevation of the constructed dune near Station 46+00 between the project baseline and the southern extent of the dune crest is approximately 5 feet NAVD. The beach fill elevation at the extent of fill near Station 64+0 Range 3+00 is approximately 2 feet NAVD.

Marsh Fill

1. The marsh template was achieved between Station 53+40 and Station 63+08. The silts from the marsh fill extended to Station 77+60; the marsh fill extended into the beach template near Station 77+60. Technical Provision 20.1 states that "All marsh, dune, and beach fill excavated from the borrow areas shall be transported to, and hydraulically deposited on, the beach and dune, or marsh within the lines, grades and cross sections shown in the plans for the type of fill being placed (marsh or dune/beach), unless otherwise provided for herein or directed by the GOVERNMENT."

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH032	08/10/2006	17:37	37+00	1+20	N 29.31172°	W 89.77333°	0.1 mm	5Y-4/1 (Dark Gray)
CH033	08/18/2006	14:42	45+00	0+10	N 29.31173°	W 89.77087°	0.1 mm	5Y-4/1 (Dark Gray)
CH034	08/19/2006	16:00	47+00	0+60	N 29.31185°	W 89.77023°	0.1 mm	5Y-4/1 (Dark Gray)
CH035	08/20/2006	15:01	42+00	1+25	N 29.31155°	W 89.77183°	0.1 mm	5Y-4/1 (Dark Gray)
CH036	08/21/2006	13:58	46+00	1+30	N 29.31135°	W 89.77060°	0.1 mm	5Y-4/1 (Dark Gray)

Other

1. Acceptance surveys of the beach fill were conducted between Station 7+42 and Station 38+88; a representative from Fenstermaker & Associates was on site during all acceptance surveys conucted by WMI. Rod surveys were conducted between Station 7+42 and Station 38+88. Rod surveys north of the beach fill extended approximately 75 feet north of the marsh/dune interface. Rod surveys south of the dune toe extended as far south as wading depths permitted; rod surveys south of the dune toe did not extend 250 feet south of the dune toe as specified in Technical Provision 35.1. Bathymetric surveys were conducted between Station 7+42 and Station 38+88. The bathymetric surveys extended 250 feet seaward of the dune toe to the landward most boat accepssible depth. The bathymetric survey and the rod survey required 50-foot minimum overlap, specified in Technical Provision 35.1, has not been verified. The 20-foot maximum data point spacing, specified in Technical Provision 35.2, was verified for all rod surveys conducted between Station 7+42 and Station 38+88.

2. The Government responded to WMI's Request for Interpretation Number 11 - Problem with Pass La Mer on 8/14. The response states that the Government will waive the requirement that each profile be filled to at least 95% of the template volume and the minimum tolerance (Technical Provision 8.6 and Technical Provision 20.5) in order to avoid additional fill being placed in Pass La Mer. The Government will only pay WMI for beach fill placed within the construction template.

3. Field Adjustment Number JLM-004, submitted to WMI on 8/18, amends the elevation of all dredge cuts indicated on drawing BA-3 (sheet 8 of 33). All dredge cuts indicated on drawing BA-3 were increased 5 feet with the project permits accordingly amended by the USACE, LADEQ, and the LADNR.

Submitted Field Data

1. Preliminary beach fill acceptance survey data taken between Station 17+00 and Station 30+00 was submitted on 8/11.

2. Beach fill check survey data taken between Station 30+00 and Station 38+88 was submitted on 8/15.

3. Preliminary beach fill acceptance survey data taken between Station 8+00 and Station 16+00 was submitted on 8/16.

4. Preliminary beach fill acceptance survey data taken for Station 5+00 and Station 9+84 was submitted on 8/17.

5. Preliminary beach fill acceptance survey data taken between Station 30+00 and Station 38+88 was submitted on 8/18.

6. Preliminary beach fill acceptance survey data taken between Station 21+00 and Station 29+20 was submitted on 8/19.

7. Preliminary beach fill acceptance survey data taken between Station 8+00 and Station 20+00 was submitted on 8/21.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	August 22, 2006	BI-WEEKLY REPORT DATE:	September 4, 2006
END DATE:	September 4, 2006	BI-WEEKLY REPORT NO:	11
OBSERVER:	Catherine Moran		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Marsh Fill, Overburden Removal
NORTH OUTFALL START LOCATION:	Sta. 48+56 (Beach), Sta. 55+82 (Marsh)
NORTH OUTFALL END LOCATION:	Sta. 55+70 (Beach), Sta. 61+00 (Marsh)
SOUTH OUTFALL START LOCATION:	Sta. 49+00 (Beach)
SOUTH OUTFALL END LOCATION:	Sta. 55+85 (Beach)
CENTER OUTFALL START LOCATION:	Sta. 49+75 (Beach)
CENTER OUTFALL END LOCATION:	Sta. 55+60 (Beach)
NORTH CONTAINMENT DIKE START LOCATION:	Sta. 63+08 (Beach)
NORTH CONTAINMENT DIKE END LOCATION:	Sta. 65+00 (Beach)
SOUTH CONTAINMENT DIKE START LOCATION:	Sta. 66+00 (Beach), Sta. 63+08 (Marsh)
SOUTH CONTAINMENT DIKE END LOCATION:	Sta. 80+20 (Beach), Sta. 65+00 (Marsh)
OTHER CONTAINMENT DIKE START LOCATION:	Sta. 63+08 (Beach)
OTHER CONTAINMENT DIKE END LOCATION:	Sta. 71+00 (Beach)
FILL START LOCATION:	Sta. 67+91 (Beach), Sta. 77+60 (Marsh)
FILL END LOCATION:	Sta. 81+00 (Beach), Sta. 77+60 (Marsh)

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. An accurate set of as-built drawings were always located at the project site.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutterhead xyz data were submitted daily. There were inconsistencies throughout the WMI DQCR and DDR on several occasions.

Project Site

1. Living conditions out at the project site met the project specifications.

2. Boat transportation for the observer met project specifications. Transportation from the boat landing to the fill area was limited; however, WMI made every effort possible to provide land transportation for the observer.

Site Preparation

1. There was burning of trees and shrubs between approximately station 73+00 and 74+00 around range -3+10 to -3+60. The shrubs and trees were burned to clear the area for the beach fill.

2. The WMI survey crew removed grade stakes from the section of the beach that had been completed, station 5+00 to station 53+40. The WMI survey crew checked grade stakes near the fill areas and replaced as necessary.

Dredging Operations

1. The Tom James pumped beach fill east between 8/22 at 00:00 and 8/25 at 16:25.

2. The Tom James pumped marsh fill east between 8/25 at 16:45 and 8/26 at 16:35.

3. The Tom James pumped beach fill east between 8/26 at 17:25 and 8/27 at 8:20.

4. The Tom James pumped marsh fill east between 8/27 at 8:50 and 8/27 at 17:40.

5. The Tom James pumped beach fill east between 8/27 at 18:30 and 8/28 at 7:30.

6. The Tom James stripped overburden material from the borrow area between 8/28 at 10:20 and 9/4 at 6:30.

7. The Tom James pumped beach fill east between 9/4 at 8:30 and 9/4 at 24:00. Beach fill east operations continue.

Beach Fill

1. The dune template was achieved between Station 50+00 and Station 53+40. The south slope of the dune template was achieved between Station 31+00 and Station 53+40. The elevation of the constructed dune between Station 50+00 and Station 53+40 between the northern dune crest and the southern dune crest is approximately 6.5 feet NAVD. The beach fill elevation toward the eastern extent of fill near Station 76+00 Range 1+06 is approximately 4.5 feet NAVD.

Marsh Fill

1. The marsh template was achieved between Station 53+40 and Station 63+08. The silts from the marsh fill extended to Station 77+60; the marsh fill extended into the beach template near Station 74+10 to 77+60. Technical Provision 20.1 states that "All marsh, dune, and beach fill excavated from the borrow areas shall be transported to, and hydraulically deposited on, the beach and dune, or marsh within the lines, grades and cross sections shown in the plans for the type of fill being placed (marsh or dune/beach), unless otherwise provided for herein or directed by the GOVERNMENT."

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH037	08/22/2006	11:25	48+00	0+00	N 29.31168°	W 89.76993°	0.1 mm	5Y-4/1 (Dark Gray)
CH038	08/24/2006	4:15	51+00	-1+00	N 29.31182°	W 89.76897°	0.1 mm	5Y-4/1 (Dark Gray)
CH039	08/26/2006	12:35	54+80	-0+14	N 29.31147°	W 89.76765°	0.1 mm	5Y-4/1 (Dark Gray)
CH040	08/27/2006	8:45	55+00	1+16	N 29.31018°	W 89.76782°	0.1 mm	2.5Y-4/1 (Dark Gray)

Other

1. Acceptance surveys of the beach fill were conducted between Station 40+00 and Station 53+40; a representative from Fenstermaker & Associates was on site during all acceptance surveys conucted by WMI. Rod surveys were conducted between Station 40+00 and Station 53+40. Onshore RTK surveys north of the beach fill extended approximately 50 feet north of the northern toe of dune fill. Onshore RTK surveys south of the southern toe of dune fill extended as far south as wading depths permitted. Wading depths were approximately 4 feet to 4.5 feet during low tide. The onshore RTK surveys were conducted far enough offshore so the hydrographic survey could overlap the data collected by a minimum of 50 feet as specified in Technical Provision 35.1. Bathymetric surveys were conducted between Station 40+00 and Station 53+40. The bathymetric surveys extended 250 feet seaward of the dune toe to the landward most boat accepssible depth. The 20-foot maximum data point spacing, specified in Technical Provision 35.2, was verified for all onshore RTK surveys conducted between Station 40+00 and Station 53+40.

2. Field Adjusment Report Number GGT-005 R1, submitted to WMI on 8/31, amended the set of coordinates for the northern and southern sand fence locations. The coordinates are offset 40 feet north and 40 feet south of the dune centerline. The length of the two fences did not change.

Submitted Field Data

1. Final beach fill acceptance survey data taken between Station 5+00 and Station 38+88 was submitted on 8/31.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	September 7, 2006	BI-WEEKLY REPORT DATE:	September 19, 2006
END DATE:	September 19, 2006	BI-WEEKLY REPORT NO:	12
OBSERVER:	Andrew Wycklendt		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Overburden Removal
NORTH OUTFALL START LOCATION:	Station 65+00
NORTH OUTFALL END LOCATION:	Station 70+12
SOUTH OUTFALL START LOCATION:	Station 65+00
SOUTH OUTFALL END LOCATION:	Station 70+10
CENTER OUTFALL START LOCATION:	Station 65+00
CENTER OUTFALL END LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE START LOCATION:	Station 70+00
NORTH CONTAINMENT DIKE END LOCATION:	Station 75+00
SOUTH CONTAINMENT DIKE START LOCATION:	Station 80+00
SOUTH CONTAINMENT DIKE END LOCATION:	Station 85+00
OTHER CONTAINMENT DIKE START LOCATION:	Station 72+75
OTHER CONTAINMENT DIKE END LOCATION:	Station 77+60
FILL START LOCATION:	Station 81+00
FILL END LOCATION:	Station 87+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. An accurate set of as-built drawings were always located at the project site.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutterhead xyz data were submitted daily except for one occasion. The 9/9 DQCR and DDR was submitted on 9/11. Inconsistencies were observed throughout the WMI DQCR and DDR on several occasions.

Project Site

1. Living conditions out at the project site met the project specifications.

2. Boat transportation for the observer met project specifications. WMI operators provided transportation from the boat landing across the fill area to the outfall on a daily basis.

Site Preparation

1. The WMI survey crew staked the CG lines shown in the plans on the beach between Station 111+48 (CG23) and Station 150+19 (CG31). The northern extent of the dune crest, southern extent of the dune crest, and the center of the dune crest were staked between Station 111+48 and Station 150+19 where water depths/elevations permitted. The beach grade stakes marking the northern and southern extent of the dune crest were identified with a white flag. The design grade elevation was identified with orange tape. The Station number was clearly written on all grade stakes.

2. The WMI survey crew removed intermediate grade stakes from the section of the beach that had been completed, between Station 40+00 and Station 60+66. The WMI survey crew checked grade stakes near the fill areas and replaced as necessary.

Dredging Operations

1. The Tom James pumped beach fill east between 9/7 at 00:00 and 9/14 at 17:35.

2. The Tom James stripped overburden material between 9/14 at 17:35 and 9/15 at 14:00.

3. The Tom James was down for repairs from 9/15 at 14:00 to 9/18 at 10:00.

4. The Tom James was down due to weather from 9/18 at 10:00 to 9/19 at 11:35.

Beach Fill

1. The dune template was achieved between Station 53+40 and Station 70+00. The south slope of the dune template was achieved between Station 53+40 and Station 77+60. The beach fill elevation toward the eastern extent of fill near Station 80+00 is approximately 4 feet NAVD.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH043	09/08/2006	15:09	70+30	0+90	N 29.31057°	W 89.76305°	0.1 mm	2.5Y-5/1 (Gray)
CH044	09/09/2006	11:58	71+00	0+90	N 29.31055°	W 89.76282°	0.1 mm	5Y-4/1 (Dark Gray)
CH045	09/10/2006	13:29	69+40	-0+70	N 29.31105°	W 89.76325°	0.1 mm	5Y-4/1 (Dark Gray)
CH046	09/11/2006	15:16	70+30	-1+80	N 29.31130°	W 89.76292°	0.1 mm	2.5Y-4/1 (Dark Gray)
CH047	09/12/2006	9:39	70+40	1+00	N 29.31055°	W 89.76300°	0.1 mm	5Y-4/1 (Dark Gray)
CH048	09/13/2006	10:39	69+60	-0+90	N 29.31108°	W 89.76317°	0.1 mm	2.5Y-4/1 (Dark Gray)
CH049	09/14/2006	10:10	69+90	0+50	N 29.31070°	W 89.76315°	0.1 mm	5Y-4/1 (Dark Gray)

Other

1. Field Adjustment Report Number GGT-006 was submitted to WMI on 9/9. This field adjustment amended the required sand fence wiring wraps at the end of fence sections described in the project specifications. Technical Provision 32.1 states that “At the end of fence sections, two wraps of wiring shall be used at each fence wire and at the top and the bottom.” The upper and lower fence wires are near the extremities of the wood slats making fence wire attachments at the top and bottom of the sand fence redundant. Field Adjustment Report Number GGT-006 requires only two wraps of wiring around each fence wire at the end of fence sections.

2. Sand fence was installed between Station 16+02 and Station 38+88.

3. Standing water remained in the marsh creation area between Station 7+42 and Station 53+40 throughout the entirety of the observation period.

4. The beach fill material was of poor quality between 9/10 and 9/14. It had a higher percentage of silt than previously observed.

Submitted Field Data

1. Beach fill check survey data taken between Station 40+00 and Station 53+40 on 9/1 was submitted on 9/13.

2. Beach fill check survey data taken between Station 54+00 and Station 67+00 on 9/16 was submitted on 9/19.

3. Marsh fill check survey data taken between Station 9+84 and Station 26+78 on 9/17 was submitted on 9/19.

4. Beach fill check survey data taken between Station 67+00 and Station 80+00 on 9/18 was submitted on 9/19.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	September 20, 2006	BI-WEEKLY REPORT DATE:	October 2, 2006
END DATE:	October 2, 2006	BI-WEEKLY REPORT NO:	13
OBSERVER:	Catherine Moran		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Marsh Fill, and Overburden Removal
NORTH OUTFALL START LOCATION:	Station 75+50
NORTH OUTFALL END LOCATION:	Station 78+30
SOUTH OUTFALL START LOCATION:	Station 70+10
SOUTH OUTFALL END LOCATION:	Station 84+15
CENTER OUTFALL START LOCATION:	Station 70+00
CENTER OUTFALL END LOCATION:	Station 84+70
NORTH CONTAINMENT DIKE START LOCATION:	Station 75+00
NORTH CONTAINMENT DIKE END LOCATION:	Station 98+00
SOUTH CONTAINMENT DIKE START LOCATION:	Station 85+00
SOUTH CONTAINMENT DIKE END LOCATION:	Station 104+05
OTHER CONTAINMENT DIKE START LOCATION:	Station 77+60
OTHER CONTAINMENT DIKE END LOCATION:	Station 96+20
FILL START LOCATION:	Station 87+00
FILL END LOCATION:	Station 106+00

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. An accurate set of as-built drawings were always located at the project site.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutterhead xyz data were submitted daily. Inconsistencies were observed throughout the WMI DQCR and DDR on several occasions.

Project Site

1. Living conditions out at the project site met the project specifications.

2. Boat transportation for the observer met project specifications. WMI operators provided transportation from the access road across the fill area to the outfall when needed. Land transportation on the access road was available when needed.

Site Preparation

1. The WMI survey crew went to the east end of the island and collected coordinates for the locations of the 24" and 4" pipelines marked with bamboo poles. The 24" Tennessee Oil and Gas high pressure line is marked with lime glow tape on bamboo poles, the 4" Hunt Oil oil line is marked with orange glow tape on bamboo poles,

2. The WMI survey crew removed intermediate grade stakes from the section of the beach that had been completed, between Station 40+00 and Station 67+91. The WMI survey crew checked grade stakes near the fill areas and replaced as necessary. The WMI survey crew placed grade stakes at the new berm width starting at station 84+00 and to the east as the beach fill progressed.

Dredging Operations

1. The Tom James was stripping overburden and sidecasting from 9/20 at 00:00 to 9/21 at 16:05.

2. The Tom James was down due to weather from 9/21 at 16:05 to 9/24 at 11:00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: October 2, 2006 BI-WEEKLY REPORT NO.: 13

3. The Tom James was stripping overburden and sidecasting from 9/24 at 11:00 to 9/25 at 9:50.

4. The Tom James pumped marsh fill north east between9/25 at 9:50 and 9/25 at 18:10.

5. The Tom James pumped beach fill to the east between 9/25 at 18:10 and 9/26 at 7:10.

6. The Tom James pumped marsh fill north east between 9/26 at 7:10 and 9/26 at 18:50.

7. The Tom James pumped beach fill to the east between 9/26 at 18:50 and 9/27 at 6:40.

8. The Tom James pumped marsh fill north east between 9/27 at 6:40 and 9/27 at 18:35.

9. The Tom James pumped beach fill to the east between 9/27 at 18:35 and 9/28 at 6:35.

10. The Tom James pumped beach fill to the east between 9/28 at 18:50 and 9/29 at 6:50.

11. The Tom James pumped marsh fill north east between 9/29 at 6:50 and 9/29 at 12:15.

12. The Tom James pumped beach fill to the east between 9/29 at 18:20 and 10/2 24:00..

Beach Fill

1. The dune template was achieved between Station 70+33 and Station 84+00. The south slope of the dune template was achieved between Station 70+33 and Station 81+50. The beach fill elevation toward the eastern extent of fill near station 101+00 is approximately 4 feet NAVD.

2. The coordinates of the spit located at the west end of the project, into Pass La Mer, were taken on 9/24/06.

West End Spit Coordinates

	Geographical		State Plane		
Point	North	West	Easting	Northing	Notes
1	29.31365°	89.78250°	3775084.42	299245.04	south side of spit aligned with primary dike
2	29.31448°	89.78350°	3775080.32	299548.04	
3	29.31503°	89.78385°	3774647.40	299742.21	
4	29.31523°	89.78392°	3772951.06	299792.04	Most western part of spit/island
5	29.31548°	89.78368°	3774698.41	299906.56	Most northern point of spit
6	29.31543°	89.78360°	3774725.10	299888.73	Eastern point of tip of spit
7	29.31515°	89.78383°	3774652.24	299784.72	
8	29.31498°	89.78373°	3774684.93	299724.53	
9	29.31395°	89.78252°	3775077.53	299354.05	north side of spit aligned with primary dike

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH050	09/26/2006	14:15	72+80	-0+25	3781648.3	298243.4	0.1 mm	5Y-4/1 (Dark Gray)
CH051	09/26/2006	14:30	69+20	-0+05	3781185.2	298309.8	0.1 mm	5Y-4/1 (Dark Gray)
CH052	09/27/2006	11:20	73+80	0+23	3781770.0	298197.8	0.1 mm	5Y-4/1 (Dark Gray)
CH053	09/28/2006	11:18	76+50	-0+94	3776637.7	298229.6	0.1 mm	2.5Y-4/1 (Dark Gray)
CH054	09/29/2006	16:10	78+50	-0+97	3782230.9	298295.1	0.1 mm	2.5Y-4/1 (Dark Gray)
CH055	9/30/2006	10:25	82+00	-0+56	3782515.3	298244.4	0.1 mm	5Y-4/1 (Dark Gray)
CH056	10/01/2006	12:00	83+25	68.	3782853.0	298016.3	0.1 mm	5Y-4/1 (Dark Gray)
CH057	10/02/2006	10:55	84+00	0+74	3782853.0	298016.3	0.1 mm	5Y-4/1 (Dark Gray)

Other

1. Field Adjustment Report Number GGT-007 was submitted to WMI on 9/28. This field adjustment revised the sand fence location. A single row of sand fence is to extend to the western end of the project. The total length of sand fence has not been amended, as a portion of the southern sand fence at the east end of the project was removed. The new coordinates of the sand fence were given in the Field Adjustment report.

2. Standing water remained in the marsh creation area between station 7+42 and station 77+60 throughout the entirety of the observation period.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 3

DATE: October 2, 2006 BI-WEEKLY REPORT NO.: 13

Submitted Field Data

1. Beach fill pay survey data taken between station 40+00 and station 67+91 between 9/20 and 9/25 was submitted on 9/26.

2. Marsh fill pay survey data taken between station 7+42 and station 53+40 on 9/29 and 9/30 was submitted on 10/1.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	October 5, 2006	BI-WEEKLY REPORT DATE:	October 16, 2006
END DATE:	October 16, 2006	BI-WEEKLY REPORT NO:	14
OBSERVER:	Andrew Wycklendt		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Marsh Fill, and Overburden Removal
NORTH OUTFALL START LOCATION:	Station 91+40 (Marsh)
NORTH OUTFALL END LOCATION:	Station 100+50 (Marsh)
SOUTH OUTFALL START LOCATION:	Station 93+10 (Beach)
SOUTH OUTFALL END LOCATION:	Station 99+50 (Beach)
CENTER OUTFALL START LOCATION:	Station 92+80 (Beach)
CENTER OUTFALL END LOCATION:	Station 101+00 (Beach)
NORTH CONTAINMENT DIKE START LOCATION:	Station 96+96 (Beach)
NORTH CONTAINMENT DIKE END LOCATION:	Station 102+50 (Beach)
SOUTH CONTAINMENT DIKE START LOCATION:	Station 101+50 (Beach)
SOUTH CONTAINMENT DIKE END LOCATION:	Station 106+64 (Beach)
OTHER CONTAINMENT DIKE START LOCATION:	Station 99+00 (Beach)
OTHER CONTAINMENT DIKE END LOCATION:	Station 102+50 (Beach)
BEACH FILL START LOCATION:	Station 106+64 (Beach), Station 90+00 (Marsh)
BEACH FILL END LOCATION:	Station 116+32 (Beach), Station 96+96 (Marsh)

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.
2. An accurate set of as-built drawings were always located at the project site.
3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutterhead xyz data were submitted daily. Inconsistencies were observed throughout the WMI DQCR and DDR on several occasions.

Project Site

1. Living conditions out at the project site met the project specifications.
2. Boat transportation for the observer met project specifications. WMI operators provided transportation from the boat landing to the beach when needed.

Site Preparation

1. Additional shore pipe was transferred from a barge to the beach.
2. The north and south sand fence lines were staked between Station 40+00 and Station 63+21.
3. The north sand fence line was staked between Station 8+20 and Station 16+00.
4. The beach was staked between Station 79+00 and Station 113+00.
5. The landward toe of beach fill was staked between Station 112+00 and Station 147+00.

Dredging Operations

1. The Tom James pumped beach fill east between 10/5 at 00:00 and 10/5 at 11:30.
2. The Tom James stripped overburden material between 10/5 at 11:30 and 10/9 at 7:05.

3. The Tom James pumped marsh fill east between 10/9 at 7:05 and 10/9 at 17:40.

4. The Tom James pumped beach fill east between 10/9 at 17:40 and 10/10 at 6:40.

5. The Tom James pumped marsh fill east between 10/10 at 6:40 and 10/10 at 17:50.

6. The Tom James pumped beach fill east between 10/10 at 17:50 and 10/11 at 7:30.

7. The Tom James pumped marsh fill east between 10/11 at 7:30 and 10/11 at 15:35.

8. The Tom James pumped beach fill east between 10/11 at 15:35 and 10/13 at 7:40.

9. The Tom James pumped marsh fill east between 10/13 at 7:40 and 10/13 at 16:55.

10. The Tom James pumped beach fill east between 10/13 at 16:55 and 10/14 at 17:10.

11. The Tom James was down due to weather and pulled into a safe harbor at Grand Isle on 10/14 at 17:10.

Beach Fill

1. The dune template was achieved between Station 91+00 and Station 99+00. The breach between Station 106+64 and Station 116+32 was filled with beach fill.

Marsh Fill

1. The marsh template was achieved between Station 90+00 and Station 96+96. The eastern extent of the W-Canal remains under filled. The north outfall in the marsh was moved east to prevent overfill of the marsh west of Station 96+96.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH061	10/05/2006	9:57	93+10	-0+10	N 29.31000°	W 89.75592°	0.1 mm	N/A
CH062	10/10/2006	14:33	95+30	1+10	N 29.30958°	W 89.75527°	0.1 mm	2.5Y-5/1 (Gray)
CH063	10/11/2006	13:17	97+00	1+40	N 29.30943°	W 89.75477°	0.1 mm	2.5Y-5/1 (Gray)
CH064	10/12/2006	10:06	96+70	1+40	N 29.30945°	W 89.75485°	0.1 mm	5Y-4/1 (Dark Gray)
CH065	10/13/2006	15:37	100+80	2+00	N 29.30913°	W 89.75360°	0.1 mm	5Y-4/1 (Dark Gray)
CH066	10/14/2006	14:13	100+20	2+60	N 29.30900°	W 89.75383°	0.1 mm	5Y-4/1 (Dark Gray)

Other

1. Field Adjustment Report Number GGT-007-R1 was submitted to WMI on 10/11. The coordinates provided in Field Adjustment Report GGT-007 were revised such that the distance between the north and south sand fence lines is 80 feet instead of 50 feet. The gap at the 30 foot section overlaps was changed from 3 feet to 6 feet to facilitate efficient monitoring and field assessments of the beach following construction. The sand fence was extended further west to promote dune creation in the project area where the constructed berm crest elevation was below the 6-foot NAVD design crest elevation. The length of fence to be installed has remained the same as a portion of the southern row of sand fence was removed from the east end of the project.

2. Acceptance surveys of the marsh fill were conducted between Station 55+82 and Station 75+18 on 10/12; a representative from Fenstermaker & Associates was on site during all acceptance surveys conducted by WMI.

3. Acceptance surveys of the beach fill were conducted between Station 69+00 and Station 76+00 on 10/13; a representative from Fenstermaker & Associates was on site during all acceptance surveys conducted by WMI.

Submitted Field Data

1. Beach fill check survey data taken between Station 67+91 and Station 79+00 was submitted on 10/9.

2. Preliminary marsh fill acceptance survey data taken between Station 55+82 and Station 75+18 was submitted on 10/12.

3. Preliminary beach fill acceptance survey data taken between Station 69+00 and Station 76+00 was submitted on 10/13.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	October 17, 2006	BI-WEEKLY REPORT DATE:	October 30, 2006
END DATE:	October 30, 2006	BI-WEEKLY REPORT NO:	15
OBSERVER:	Catherine Moran		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Marsh Fill, and Overburden Removal
NORTH OUTFALL START LOCATION:	Station 100+50 (Marsh)
NORTH OUTFALL END LOCATION:	Station 102+00 (Marsh)
SOUTH OUTFALL START LOCATION:	Station 99+50 (Beach)
SOUTH OUTFALL END LOCATION:	Station 99+70 (Beach)
CENTER OUTFALL START LOCATION:	Station 101+00 (Beach)
CENTER OUTFALL END LOCATION:	Station 109+90 (Beach)
NORTH CONTAINMENT DIKE START LOCATION:	Station 102+50 (Beach)
NORTH CONTAINMENT DIKE END LOCATION:	Station 115+90 (Beach)
SOUTH CONTAINMENT DIKE START LOCATION:	Station 106+64 (Beach)
SOUTH CONTAINMENT DIKE END LOCATION:	Station 107+00 (Beach)
OTHER CONTAINMENT DIKE START LOCATION:	Station 102+50 (Beach)
OTHER CONTAINMENT DIKE END LOCATION:	Station 128+80 (Beach)
BEACH FILL START LOCATION:	Station 116+32 (Beach), Station 96+96 (Marsh)
BEACH FILL END LOCATION:	Station 129+00 (Beach), Station 107+00 (Marsh)

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. An accurate set of as-built drawings were always located at the project site.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutterhead xyz data were submitted daily. Inconsistencies were observed between the WMI DQCR, WMI DDR, and visual CPE observations on several occasions.

Project Site

1. Living conditions out at the project site met the project specifications.

2. Boat transportation for the observer met project specifications a majority of the time. Boat transportation was not always readily available for the observer due to there only being one boat for the observer and WMI personnel from 10/17 through 10/28. WMI operators provided transportation from the boat landing to the beach when needed and a boat was available.

Site Preparation

1. Weeks shore crew began filling in just the northern side of the dune template starting near station 99+50. The shore crew is constructing the beach template to +3 feet, NAVD on the northern half of the beach fill template. WMI is filling the beach template on the northern dune slope so that the beach fill is in place prior to covering with marsh fill. Once the beach fill has been placed, the marsh fill will be placed and allowed to dewater for 30 days. The remainder of the beach template can then be constructed.

2. Erosion Control Services planted vegetation
   a. On the dune between the sand fence from station 16+00 to station 28+36
   b. On the dune between the sand fence from station 32+25 to station 67+32
   c. On the dune on the southern side of the sand fence between station 19+25 and station 28+36.
   d. On the dune on the southern side of the sand fence between station 32+25 and station 66+00.
   e. Along the primary dike between station 82+00 and station 122+00.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: October 30, 2006 BI-WEEKLY REPORT NO.: 15

3. A gap was left in the dune plantings between station 28+36 and station 32+25 to allow WMI to access and remove the shore pipe and submerged line once hydraulic fill placement is complete.

4. The beach was staked between station 94+00 and station 129+00.

Dredging Operations

1. The Tom James was down due to weather located in safe harbor at Grand Isle on 10/17, and 10/18 till 10:00.

2. The Tom James pumped marsh fill north between 10/18 at 10:00 and 10/18 at 17:25.

3. The Tom James pumped beach fill east between 10/18 at 17:25 and 10/19 at 7:15.

4. The Tom James pumped marsh fill east between 10/19 at 7:15 and 10/19 at 16:40.

5. The Tom James pumped beach fill east between 10/19 at 16:40 and 10/20 at 6:30.

6. The Tom James stripped overburden material between 10/20 at 6:30 and 10/23at 8:00.

7. The Tom James pumped marsh fill north between 10/23 at 8:00 and 10/23 at 16:20.

8. The Tom James pumped beach fill east between 10/23 at 16:20 and 10/25 at 15:50.

9. The Tom James shut down and pulled into safe harbor in Grand Isle for rough weather on 10/25 at 15:50.

9. The Tom James towed out from safe harbor in Grand Isle and began pumping marsh fill on 10/28 at 11:15.

10. The Tom James pumped marsh fill east between 10/28 at 11:15 and 10/28 at 17:50.

11. The Tom James pumped beach fill east between 10/28 at 17:50 and 10/29 at 6:35.

10. The Tom James pumped marsh fill west between 10/29 at 6:35 and 10/29 at 17:15

11. The Tom James pumped beach fill east from 10/29 at 17:15 through 10/30.

Beach Fill

1. The dune template was constructed to approximately +6 feet, NAVD between station 99+00 and station 99+60. The north side of the dune template was filled to approximately 4 feet NAVD between station 101+00 and station 109+80. The north side of the dune template will continue to be filled partially to the end of the project to allow for the marsh fill material to be placed over the beach fill material on the northern dune slope. The marsh fill material needs to settle for 30 days prior to the marsh AD surveys. The northern slope needs to be filled before the marsh fill can be placed in the marsh template. As the northern slope is completed the marsh fill is being placed into the marsh template. The marsh fill will have 30 days to settle while other construction activities occur to allow for no, or very little, downtime between project completion and the marsh AD surveys.

2. The coordinates of the spit located at the west end of the project, into Pass La Mer, were taken on 10/22/06.

West End Spit Coordinates

	Geographical		State Plane		
Point	North	West	Easting	Northing	Notes
1	29.31393°	89.78255°	3775067.09	299347.73	south side start point, lined up with the primary dike
2	29.31452°	89.78313°	3774879.39	299557.58	
3	29.31492°	89.78335°	3774807.31	299702.07	
4	29.31567°	89.78382°	3774653.84	299972.76	
5	29.31627°	89.78375°	3774673.20	300191.23	western most point of spit/island
6	29.31632°	89.78297°	3774921.52	300212.78	northern most point of spit
7	29.31605°	89.78260°	3775040.74	300117.29	
8	29.31573°	89.78263°	3775032.74	300001.89	most northeast point of spit
9	29.31560°	89.78278°	3774985.60	299952.88	
10	29.31458°	89.78248°	3775086.20	299584.38	north side end point, lined up with the primary dike

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: October 30, 2006 BI-WEEKLY REPORT NO.: 15

Marsh Fill

1. The marsh template was achieved between station 96+96 and approximately station 107+00.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH067	10/19/2006	15:40	102+00	0+63	N 29.30946°	W 89.75319°	0.1 mm	5Y-4/1 (Dark Gray)
CH068	10/20/2006	13:05	105+60	1+05	N 29.30921°	W 89.75206°	0.1 mm	2.5Y-4/1 (Dark Gray)
CH069	10/24/2006	14:10	106+00	0+35	N 29.30936°	W 89.75192°	0.1 mm	5Y-4/1 (Dark Gray)
CH070	10/25/2006	11:00	107+00	0+71	N 29.30924°	W 89.75156°	0.1 mm	5Y-4/1 (Dark Gray)
CH071	10/26/2006	10:55	108+00	1+11	N 29.30910°	W 89.75133°	0.1 mm	5Y-3/1 (Very Dark Gray)
CH072	10/29/2006	10:40	108+10	1+01	N 29.30914°	W 89.75129°	0.1 mm	5Y-4/1 (Dark Gray)
CH073	10/30/2006	11:25	109+06	0+65	N 29.30920°	W 89.75095°	0.1 mm	5Y-4/1 (Dark Gray)

Other

1. Field Adjustment Report Number JLM-008 was submitted to WMI on 10/20. The field adjustment report removes the lower tolerance for the marsh fill from station 104+22 (CM42) to station 124+40 (CG25A), but does not remove the upper tolerance. Payment for material placed within this area will be paid for even if it does not meet the lower tolerance.

2. Acceptance surveys of the beach fill were conducted between station 77+00 and station 96+96 from 10/24 to 10/26; a representative from Fenstermaker & Associates was on site during all acceptance surveys conducted by WMI.

Submitted Field Data

1. Preliminary beach fill acceptance survey data taken between station 69+00 and station 96+96 was submitted on 10/28.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	November 2, 2006	BI-WEEKLY REPORT DATE:	November 15, 2006
END DATE:	November 14, 2006	BI-WEEKLY REPORT NO:	16
OBSERVER:	Andrew Wycklendt		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Marsh Fill, and Overburden Removal
NORTH OUTFALL START LOCATION:	Station 100+50 (Beach), Station 138+80 (Marsh)
NORTH OUTFALL END LOCATION:	Station 99+90 (Beach), Station 138+80 (Marsh)
SOUTH OUTFALL START LOCATION:	Station 99+70 (Beach)
SOUTH OUTFALL END LOCATION:	Station 99+70 (Beach)
CENTER OUTFALL START LOCATION:	Station 118+84 (Beach)
CENTER OUTFALL END LOCATION:	Station 127+50 (Beach)
NORTH CONTAINMENT DIKE START LOCATION:	Station 120+30
NORTH CONTAINMENT DIKE END LOCATION:	Station 128+00
SOUTH CONTAINMENT DIKE START LOCATION:	Station 108+25
SOUTH CONTAINMENT DIKE END LOCATION:	Station 127+00
OTHER CONTAINMENT DIKE START LOCATION:	Station 129+00
OTHER CONTAINMENT DIKE END LOCATION:	Station 116+32
FILL START LOCATION:	Station 132+00 (Beach), Station 124+40 (Marsh)
FILL END LOCATION:	Station 135+68 (Beach), Station 138+80 (Marsh)

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. The as-built drawings maintained on the Quarters Barge were incomplete. The navigation sign used to mark the canal closure near Station 57+20 was not included in the as-built drawings. The installed sand fence and settlement plates were not included in the as-built drawings. The canal closures completed between Station 53+40 and Station 58+23 and between Station 124+40 and Station 126+00 were not identified in the as-built drawings. The southern extension of the primary dike along Station 140+51 was not included in the as-built drawings. Additionally, placed beach and marsh fill was not included in the as-built drawings.

3. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutterhead xyz data were submitted daily. Inconsistencies were observed throughout the WMI DQCR and DDR throughout the observation period.

Project Site

1. Living conditions out at the project site met the project specifications.

2. Boat transportation for the observer met project specifications. WMI operators provided transportation from the boat landing to the beach when needed.

Site Preparation

1. The beach was staked between Station 106+00 and Station 140+00.

2. The north sand fence line was staked between Station 87+97 and Station 96+65.

3. The south sand fence line was staked between Station 78+45 and Station 96+09.

4. The primary dike at Station 140+51 was extended south across the Tennessee Oil and Gas access canal. The crest elevation of the primary dike extension was approximately 4 feet NAVD except near the project baseline. The crest was approximately 3 feet NAVD near the project baseline on the north side of the Tennessee Oil and Gas access canal. Sand bags were used to prevent the marsh fill from flowing east into the access canal at this location.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 2

DATE: November 15, 2006 BI-WEEKLY REPORT NO.: 16

Dredging Operations

1. The Tom James stripped overburden material between 11/2 at 00:00 and 11/2 at 7:50.
2. The Tom James pumped beach fill east between 11/2 at 7:50 and 11/4 at 14:40.
3. The Tom James stripped overburden material between 11/4 at 14:40 and 11/5 at 14:00.
4. The Tom James was down due to weather and occupied a safe harbor at Grand Isle between 11/5 at 14:00 and 11/7 at 14:50.
5. The Tom James stripped overburden material between 11/7 at 14:50 and 11/11 at 6:30.
6. The Tom James pumped marsh fill north between 11/11 at 6:30 and 11/11 at 16:30.
7. The Tom James pumped beach fill east between 11/11 at 16:30 and 11/12 at 8:05.
8. The Tom James pumped marsh fill north between 11/12 at 8:05 and 11/12 at 13:50.
9. The Tom James pumped beach fill east between 11/12 at 13:50 and 11/14 at 14:15.
10. The Tom James was down due to weather and pulled into a safe harbor at Grand Isle on 11/14 at 14:15.

Beach Fill

1. A north dune crest elevation of 4 feet NAVD and the north slope of the dune was achieved west of Station 135+68 prior to pumping marsh fill in the final marsh creation cell between Station 126+00 and Station 140+51.
2. The dune template was filled to an elevation of 5 feet NAVD between Station 99+70 and Station 106+64. The north slope of the dune was achieved between Station 99+70 and Station 135+68.The south slope of the dune was achieved between Station 99+70 and Station 116+32.

Marsh Fill

1. Overburden was discharged to the final cell of the marsh creation area. The fill elevation could not be verified as the water level was above the marsh grade and tolerance markers.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH077	11/03/2006	15:45	127+50	2+00	N 29.30813°	W 89.74532°	0.1 mm	2.5Y-4/1 (Dark Gray)
CH078	11/04/2006	15:01	99+60	1+90	N 29.30920°	W 89.75397°	0.1 mm	5Y-4/1 (Dark Gray)
CH079	11/08/2006	14:05	76+30	0+10	N 29.31057°	W 89.76113°	0.1 mm	2.5Y-4/2 (Dark Grayish Brown)
CH080	11/08/2006	14:05	76+30	0+10	N 29.31057°	W 89.76113°	0.1 mm	5Y-4/2 (Olive Gray)
CH081	11/08/2006	14:05	76+30	0+10	N 29.31057°	W 89.76113°	0.1 mm	2.5Y-4/1 (Dark Gray)
CH082	11/10/2006	13:12	93+70	0+60	N 29.30977°	W 89.75575°	0.1 mm	5Y-4/1 (Dark Gray)
CH083	11/10/2006	13:12	93+70	0+60	N 29.30977°	W 89.75575°	0.1 mm	5Y-4/1 (Dark Gray)
CH084	11/10/2006	13:12	93+70	0+60	N 29.30977°	W 89.75575°	0.1 mm	5Y-5/2 (Olive Gray)
CH085	11/12/2006	15:30	100+10	2+30	N 29.30908°	W 89.75382°	0.1 mm	2.5Y-4/1 (Dark Gray)
CH086	11/14/2006	13:20	101+50	2+80	N 29.30888°	W 89.75343°	0.1 mm	5Y-4/1 (Dark Gray)

Note - Sand samples CH079, CH080, and CH081 were collected from the toro post auger bit after drilling a hole to facilitate installation of a sand fence post at Station 76+30 Range 0+10 at depths of 4 feet, 2 feet, and 0 feet respectively. Sand samples CH082, CH083, and CH084 were collected from the toro post auger bit after drilling a hole to facilitate installation of a sand fence post at Station 93+70 Range 0+60 at depths of 4 feet, 2 feet, and 0 feet respectively. All other sand samples collected were surface samples.

Other

1. WMI was provided revised cross sections per the 10/6 slope adjustment through email submitted by Jason Manthey (NOAA) on 10/10. WMI was not constructing the berm as specified in the revised cross sections.

2. The east end of the project was redesigned on 11/13. The beach template constructed by WMI was incorporated into the revised template between Station 81+00 and Station 121+16. The beach template was revised east of Station 121+16 such that the east end of the beach fill will be located at Station 140+51.

Submitted Field Data

1. Beach fill acceptance survey data taken between Station 69+00 and Station 96+96 was submitted on 11/2.

2. Marsh fill acceptance survey data taken between Station 55+82 and Station 75+18 was submitted on 11/2.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	November 16, 2006	BI-WEEKLY REPORT DATE:	November 30, 2006
END DATE:	November 29, 2006	BI-WEEKLY REPORT NO:	17
OBSERVER:	Neil Wood		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill, Marsh Fill, and Overburden Removal
NORTH OUTFALL START LOCATION:	Station 134+34 (Marsh)
NORTH OUTFALL END LOCATION:	Station 134+34 (Marsh)
SOUTH OUTFALL START LOCATION:	Station 101+10 (Beach)
SOUTH OUTFALL END LOCATION:	Station 103+00 (Beach)
CENTER OUTFALL START LOCATION:	Station 102+00 (Beach)
CENTER OUTFALL END LOCATION:	Station 103+80 (Beach)
NORTH CONTAINMENT DIKE START LOCATION:	Station 128+00
NORTH CONTAINMENT DIKE END LOCATION:	Station 132+00
SOUTH CONTAINMENT DIKE START LOCATION:	Station 127+00
SOUTH CONTAINMENT DIKE END LOCATION:	Station 134+00
FILL START LOCATION:	Station 135+68 (Beach), Station 138+80 (Marsh)
FILL END LOCATION:	Station 135+68 (Beach), Station 138+80 (Marsh)

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutterhead xyz data were submitted daily. Inconsistencies were observed throughout the WMI DQCR and are stated in the daily observation reports.

Project Site

1. The project site was maintained per the specifications throughout the observation period.

Site Preparation

1. The survey crew checked, maintained and replaced grade as needed in preparation for fill material. The redesign was staked out and the grade stakes for the original design were removed.

2. The bulldozer operators performed preliminary grading from Station 100+00 to Station 104+00 and also between Station 120+00 and Station 130+00, even if they were a foot or two below grade. They maintained the containment dikes daily.

Primary Dikes

1. No deficiencies were observed in the primary dikes over the last two weeks. No maintenance work on the primary dikes was required or observed.

Dredging Operations

1. The Tom James was down due to weather and occupied a safe harbor at Grand Isle between 11/14 at 14:15 and 11/16 at 13:05.

2. The Tom James pumped beach fill east between 11/16 at 13:05 and 11/20 at 7:55.

3. The Tom James stripped overburden material between 11/20 at 7:55 and 11/21 at 7:30.

4. The Tom James pumped marsh fill northeast between 11/21 at 7:30 and 11/21 at 16:30.

5. The Tom James pumped beach fill east between 11/21 at 16:30 and 11/22 at 3:55.

6. The Tom James pumped marsh fill northeast between 11/22 at 3:55 and 11/22 at 12:10.

7. The Tom James pumped beach fill east between 11/22 at 12:10 and 11/24 at 8:25.

8. The Tom James stripped overburden material between 11/24 at 8:25 and 11/27 at 8:00.

9. The Tom James pumped beach fill east between 11/27 at 8:00 and 11:29 at 24:00.

Beach Fill

1. During the two weeks this report covers, WMI primarily stripped the borrow area and pumped material to the beach.

Marsh Fill

1. The marsh was pumped briefly during my observation period. It was scheduled to be pumped more, but the outfall discharge pipe could not be moved due to the out of service marsh buggy.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH087	11/17/06	13:45	102+80	1+00	N 29.30873°	W 89.75302°	0.1 mm	2.5Y - 2.5/1 (Black)
CH088	11/19/06		120+00	0+82	N 29.30874°	W 89.74759°	0.1 mm	2.5Y - 3/1 (Very Dark Gray)
CH089	11/20/06		101+80	0+50	N 29.30950°	W 89.75323°	0.1 mm	2.5Y - 3/1 (Very Dark Gray)
CH090	11/22/06		110+60	1+85	N 29.30879°	W 89.75056°	0.1 mm	2.5Y - 3/1 (Very Dark Gray)
CH091	11/24/07		103+00	1+80	N 29.30910°	W 89.75291°	0.1 mm	2.5Y - 3/1 (Very Dark Gray)
CH092	11/25/08		104+00	1+10	N 29.30926°	W 89.75257°	0.1 mm	5Y - 3/1 (Very Dark Gray)
CH093	11/27/09		103+80	0+90	N 29.30932°	W 89.75263°	0.1 mm	2.5Y - 2.5/1 (Black)
CH094	11/29/06		104+00	0+90	N 29.30931°	W 89.75256°	0.1 mm	2.5Y - 3/1 (Very Dark Gray)

Note: The GPS was not used while collecting these samples. The collection time was not recorded either.

Other

1. Modification #6 was provided to WMI on November 20, 2006. This modification is a bilateral agreement to provide additional beach and dune fill volume.

Submitted Field Data

1. WMI submitted additional offshore data from Station 77+00 to Station 96+96.

2. WMI submitted additional marsh data from Station 55+82 to Station 75+18.

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT
CONSTRUCTION OBSERVATION BI-WEEKLY REPORT - PAGE 1

START DATE:	November 30, 2006	BI-WEEKLY REPORT DATE:	December 13, 2006
END DATE:	December 12, 2006	BI-WEEKLY REPORT NO:	18
OBSERVER:	Andrew Wycklendt		

OVERVIEW OF CONSTRUCTION ACTIVITY:	Beach Fill and Project Demobilization
NORTH OUTFALL START LOCATION:	Station 133+80 (Marsh)
NORTH OUTFALL END LOCATION:	Station 133+80 (Marsh)
SOUTH OUTFALL START LOCATION:	Station 103+00 (Beach)
SOUTH OUTFALL END LOCATION:	Station 110+70 (Beach)
CENTER OUTFALL START LOCATION:	Station 103+80 (Beach)
CENTER OUTFALL END LOCATION:	Station 111+50 (Beach)
NORTH CONTAINMENT DIKE START LOCATION:	Station 132+00
NORTH CONTAINMENT DIKE END LOCATION:	Station 128+50
SOUTH CONTAINMENT DIKE START LOCATION:	Station 134+00
SOUTH CONTAINMENT DIKE END LOCATION:	Station 134+50
FILL START LOCATION:	Station 135+68 (Beach), Station 138+80 (Marsh)
FILL END LOCATION:	Station 135+68 (Beach), Station 138+80 (Marsh)

GENERAL OBSERVATIONS

Reports/Plans/Specifications

1. The construction plans and specifications were always located at the project site.

2. The WMI Daily Quality Control Reports (DQCR), Daily Dredge Reports (DDR), and cutterhead xyz data were submitted daily except for 2 occasions. The 11/30 reports were submitted on 12/2 and the 12/10 reports were submitted on 12/12. Inconsistencies were observed within the WMI DQCR and DDR throughout the observation period.

Project Site

1. Living conditions out at the project site met project specifications.

2. Boat transportation for the observer met project specifications. WMI operators provided transportation from the boat landing to the beach when needed.

Site Preparation

1. The survey crew checked, maintained, and replaced grade as needed.

Primary Dikes

1. No deficiencies were observed in the primary dikes over the last two weeks. No maintenance work on the primary dikes was required or observed.

Dredging Operations

1. The Tom James pumped beach fill east between 11/30 at 00:00 and 11/30 at 05:00.

2. The Tom James was down due to weather and occupied a safe harbor at Grand Isle between 11/30 at 05:00 and 12/1 at 16:00.

3. The Tom James pumped beach fill east between 12/1 at 16:00 and 12/3 at 15:50.

4. The Tom James stripped overburden material between 12/3 at 15:50 and 12/4 at 15:50.

5. The Tom James pumped beach fill east between 12/4 at 15:50 and 12/6 at 11:45.

6. The Tom James was down due to mechanical problems between 12/6 at 11:45 and 12/8 at 09:25.

7. On 12/8 at 09:25 the Contracting Officer, Pamela Stichweh, authorized WMI to demobilize the Tom James if at least the base bid quantity of 1,792,200 cubic yards less 50,922 cubic yards underfill east of Station 96+96, or at least 1,741,278 cubic yards for line item 0004 - Dune and Beach fill under the contract, was fulfilled.

Beach Fill

1. The dune template was achieved between Station 103+00 and Station 110+00. The south slope of the dune template below 1-foot NAVD was achieved between Station 103+00 and Station 134+50. The beach fill elevation toward the eastern extent of fill near Station 116+32 is approximately 5 feet NAVD and near Station 130+00 the fill elevation is approximately 2 feet NAVD.

Sand Samples

Sample	Date	Time	Station	Range	Latitude	Longitude	Grain Size	Munsell Color
CH095	12/02/2006	16:21	105+40	2+90	N 29.30872°	W 89.75222°	0.1 mm	5Y-3/1 (Very Dark Gray)
CH096	12/03/2006	10:58	107+00	3+00	N 29.30863°	W 89.75172°	0.1 mm	5Y-4/1 (Dark Gray)
CH097	12/05/2006	16:12	106+70	2+10	N 29.30888°	W 89.75177°	0.1 mm	2.5Y-4/1 (Dark Gray)
CH098	12/06/2006	10:29	111+30	1+00	N 29.30902°	W 89.75028°	0.1 mm	2.5Y-4/1 (Dark Gray)

Other

1. Marsh acceptance surveys were conducted on 12/1 between Station 96+96 and Station 124+40. These surveys were conducted with the assistance of an airboat.

2. Mandle Edwards conducted beach and marsh post construction check surveys along profile lines 24+36, 63+08, and 106+64 on 12/6.

3. Field Adjustment Report JLM-009 was submitted to WMI on 12/11. This Field Adjustment requests that WMI use existing on site equipment to create 3 gaps in the primary dike to allow water trapped within the disposal area to drain and to allow tidal flushing to contribute to marsh establishment within the project area.

4. Beach acceptance surveys were conducted on 12/12 between Station 98+00 and Station 106+64. The beach fill east of Station 106+64 was not uniform and did not appear to be an accurate representation of beach fill placed within the design template.

Submitted Field Data

1. The most recent beach fill check survey data taken between Station 100+00 and Station 140+51 on or before 11/30 was submitted on 11/30.

2. Beach fill check survey data taken between Station 103+00 and Station 134+00 on 12/5 was submitted on 12/5.

3. The most recent beach fill check survey data taken between Station 100+00 and Station 142+00 on or before 12/7 was submitted on 12/7.

APPENDIX K

CONSTRUCTION MEETING MINUTES

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Agenda

Date: Thursday, December 8, 2005

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Pat Williams, NOAA
Andrew Wycklendt, CPE
Gordon Thomson, CPE
Doug Mann, CPE
Chuck Broussard, WMI
Christian Shaw, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on Oyster Lease Survey:
   The oyster lease survey was completed last week and WMI received the survey report yesterday. The report is being copied today and an original and 3 copies of the report will be forwarded to Jason Manthey.

   -Has your company identified all potentially affected leaseholders?
   WMI has identified 2 lease holders that may be directly affected by the dredging of Robinson Canal. Based on canal before dredge surveys it will be determined if other lease holders will be affected.

   -Has your company contacted potentially affected leaseholders? If not, then what is your company plan for making contact?
   WMI has attempted, unsuccessfully to contact the 2 lease holders. Lease information was given to our lease survey subcontractor, EPL, and they too were unsuccessful in contacting the lease holders. WMI has posted bulletins in the Times Picayune and a local Buras newspaper referencing the Robinson Canal Dredging and including the potentially affected lease numbers. Based on conversations with Rachel Sweeney WMI will check the Red Cross and Parish data bases in an attempt to locate the lease holders. Also, WMI will contact Andy McGuinness for assistance per

recommendation of Rachel Sweeney. WMI will inquire if Andy McGuinness has names of any other operating newspapers near the project area. WMI will ask Andy McGuinness if he can post project and lease info to the Parish message board.
Rachel Sweeney suggested that WMI contact Greg Grandy (342-7308) for guidance on negotiating with the lease holders.

b. Status on Robinson Canal Survey:
-What is the status?
The Robinson Canal survey will be performed early next week (weather permitting). WMI should have preliminary survey results to share by the end of the week.
Jason Manthey inquired how far outside of the Canal survey data would be collected. It is WMI's intent to survey as far as the dredge can cast material plus 20 feet. This would be approximately 140 -150 feet outside the channel. Survey lines will be run every 200 feet in the proposed dredging area.
Gordon Thomson requested that survey data be made available in electronic xyz format. WMI will provide this data.

c. Proposal to Dredge Robinson Canal for Project Access Letter Dated December 5, 2005:
-This proposal contains no cost or breakdown of work.
WMI will provide further details of the dredging, including a cost proposal after the canal survey has been completed and the scope of work is defined..

-This cost proposal shall be a lump sum.
WMI will submit the proposal with lump sum pricing.

-The Government requests that a post-construction survey be conducted of this canal following demobilization from the project site.
WMI will conduct a post-construction survey of the Robinson Canal dredging area and will include the price for this work in the lump sum proposal for the canal dredging.

-Electronic copy of the bathymetric survey.
WMI will provide an electronic copy of the survey data in xyz format.

-Technical issues:
(a). Disposal area for dredged mateials.
Chuck Broussard asked if NOAA had preferences on how the dredged material is placed. Rachel Sweeney responded that there should be no material placement on existing marsh areas, that material will not be stacked higher than 2.5 feet NAVD and that WMI should attempt to create new marsh platform areas.

(b). The slope should be a 1:1 not a box cut.
The slope will be revised on the final submittal.

(c). The length of the channel.
Rachel Sweeney indicated that the distance between the beginning and end stations shown on Weeks Marine cross-section for dredging the Robinson Canal was 2,000 feet. WMI estimates that the area to be dredged is approximately 2500 feet in length. The exact length will be determined once the Robinson Canal survey has been completed.

(d). The quantity of materials required to be removed.
Rachel and Gordon estimated a volume of 24,500 cubic yards to be dredged from the Robinson Canal. WMI estimates the quantity to be approximately 18,000 cubic yards based on the limited survey data available. A more precise quantity will be calculated from the Robinson Canal survey once completed.

(e). Are there pipelines in this area of work?
C&C performed a magnetometer survey in the dredging area. WMI is awaiting the final results of this survey. It appears from preliminary survey review that there may be a pipeline or other obstruction in the dredging area. WMI will work with C&C to gather additional data to identify the obstruction. WMI will clarify the source for the pipelines shown on the AutoCAD drawings submitted for the magnetometer survey.

2. Pre-Construction Survey:

a. What work has been completed to date?
The magnetometer survey of the project area has been completed and the data has been posted at the WMI ftp site. Rachel Sweeney asked if marsh or beach surveys had begun. Christian Shaw replied;
-All Layout done except for a little of flotation canal.
-Profile lines have not been started yet for the primary dike, marsh or beach. Weather delays have impacted progress. C&C will try to start primary dike and marsh surveys this weekend or early next week. Last time C&C were able to work was 3rd December since then it has been too rough and remains so. WMI plans to start Robinson canal hydrosurvey early next week (Dec. 12
or so).

b. The use of marsh buggy.
The 'marsh buggy' in question, to be used by C&C during survey operations, is actually a small, 2-man, personnel carrier. The vehicle will be delivered to and kept within the project footprint at all times.

c. Baseline issues.

The 'baseline issues' that have been mentioned by C&C in their daily work reports will be resolved through the use of RTK survey equipment. Gordon Thomson asked about marking of reference stakes at the site. Christian Shaw stated that all reference stakes are marked with x and y coordinates. Gordon Thomson asked if WMI could provide the station and range for all stakes so that CPE can verify project location. WMI agreed to provide this info.

3. Daily Quality Control Reports:

    a. When will the Government receive these outstanding daily quality control reports?

    WMI has completed catching up the old QC Reports and has posted them at the WMI ftp server. Jason Manthey stated that NOAA can download all past reports from the ftp site. All future reports will be emailed as defined in the Contract Specifications.

    Delivery method (electronic or fax).

    Quality Control Reports will be distributed via email whenever possible. Gordon Thomson mentioned that reports should list individual survey lines run on each date.

4. Order of Work and Project Schedule.

    Order of work remains the same as original Work Plan and Order of Work submittals. Schedule will be revised once Robinson Canal survey is completed and scheduling of canal dredging can be determined. Current estimate on project survey is that marsh survey will be completed the 1st or 2nd week of January and the beach survey will be completed the end of January or early February.

5. When is your company planning to invoice the Government for your payment bonds?

    Larry DaVico will submit the first invoice today or tomorrow.

6. Location of Quarters Barge once Robinson Canal has been dredged.

    Gordon Thomson expressed concern about traffic access once quarter boat is in place. Chuck Broussard informed all that quarter boat would be placed out of Robinson Canal in the back, dead end canal in the vicinity of CM-40. Gordon Thomson inquired how personnel would transit from the quarter boat to the beachfill area. Chuck Broussard stated that transport would be by boat from the quarter boat to the southern end of Robinson Canal and from there transit across the island would be by foot or some sort of vehicle to the beach.

7. Additional Questions or Comments.

Chuck Broussard asked how much time would be required to receive NTP on Robinson Canal Dredging once all of the survey data and the dredging proposal has been submitted to NOAA. Rachel Sweeney responded that it should take at. least 5 days (worse case) for the amended permit to be reviewed, and that at the same time that the amend permit it is being reviewed the COTR will start the necessary paperwork to get a contract modification issued.

Rachel Sweeney wants WMI to be sure to keep original, confirmed magnetometer data separate from newer, unconfirmed magnetometer data when making determinations on work.

Jason Manthey suggested that we start having these conference call weekly and proposed that they be held each Tuesday at 10 AM. All agreed. The next conference call will be held at 10 AM on Tuesday, 13 December.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Agenda

Date: Tuesday, December 13, 2005

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Pat Williams, NOAA
Andrew Wycklendt, CPE
Gordon Thomson, CPE
Doug Mann, CPE
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on Oyster Lease Survey:
      -What is the status?

Oyster lease survey has been completed. One original and 3 copies of the survey report have been sent to Jason. WMI has been able to find addresses and phone numbers for 4 of the 5 lease holders involved. WMI hopes to get help with final lease holder from Andy MacInnis. WMI has sent letters to the known lease holders and is attempting to make contact by phone. Only been able to contact the mother of one lease holder so far. WMI will send letters via certified mail or FedEx either today or tomorrow to those lease holders for whom information is available.
Rachel Sweeney- The State standard for notifying lease holders that work will be performed on or close to the their oyster lease is 150 feet.
Larry DaVico said that he would contact Greg Grandy to discuss the language that LDNR uses in their oyster lease authorizations.

   b. Status on Robinson Canal Survey:
      -What is the status?

Survey is mostly complete. . The hydrographic portion of the survey has been completed and the shallow/land survey has been started. WMI anticipates completion by the end of this week.

2. Pre-Construction Survey:

   a. What work has been completed to date?

There has been no survey progress on the island since the 08 December Progress Meeting due to severe weather. . C&C has been unable to get to the island with an airboat due to high winds and rough seas. WMI anticipates that this situation will improve once C&C is able to get the personnel carrier to the island next week.

   b. When will a RFI be sent to the Government about this issue?

WMI will get an RFI to the Government as quickly as possible.

3. Additional Questions or Comments.

Gordon Thomson-There is an error on some of the QC Reports. The reports for 4-7 December all have the same date. No reports have been received since 7 December.—WMI will correct the improperly dated reports. We are still having trouble getting data from the field in a timely manner due to the hurricane impacts to communication infrastructure. WMI will get the back reports caught up as quickly as possible and have future reports emailed and posted on the ftp server.

Gordon Thomson-As WMI is catching up the delinquent reports start with the most recent reports and work backwards.

Gordon Thomson-The QC Report for that is being used is not the form that was approved as part of the QC Plan submittal. It is requested that WMI begin using the originally approved form as soon as possible.

Jason Manthey announced that the next progress meeting will be held next Tuesday, 20 December at 10:00 AM CST.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Agenda

Date: Tuesday, December 20, 2005

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Andrew Wycklendt, CPE
Gordon Thomson, CPE
Doug Mann, CPE
Brian Kendrick, CPE
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Christian Shaw, WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on Oyster Lease Survey:
      -What is the status?

There are 5 oyster leases that may be impacted by work and 4 oyster lease holders (one lease holder has 2 of the leases). WMI now has phone numbers for all 4 lease holders, has spoken to 2 of the lease holders and left messages with 1 lease holder. WMI will attempt to contact the 4th lease holder today. One lease holder, Braco Madjor, lease no. 3134905, has requested $90,000 for permission to dredge near his lease. Rachel has been in contact with Andy MacInnis (Plaquemines Parish) about setting up a meeting with all of the lease holders and attempting to negotiate a settlement with them. At this time a meeting is tentatively set for Thursday, 05 January at 6 PM. The meeting will be held at a Plaquemines Parish facility to be named.

   b. Status on Robinson Canal Survey:
      -What is the status?

Survey has been completed. Christian Shaw will post the results of the survey at the WMI ftp site this afternoon and will email the data to Jason and Gordon. The maximum anticipated dredging quantity appears to be approximately 46,000 cy. This is based on an average depth of 7 feet and average width of 60 feet.

Gordon asked about the status of the magnetometer survey in Robinson Canal and any pipeline located. Christian Shaw stated that more magnetometer data will be collected based on the current proposed channel design to determine precise pipeline locations and depths. Currently it appears that there is one pipeline crossing Robinson Canal in the proposed dredging area. . WMI intends to probe to confirm the depth of any pipelines in Robinson Canal.

2. Pre-Construction Survey:

    a. What work has been completed to date?

There has been no progress since last week's meeting due to weather. C&C has acquired the personnel carrier and just needs a break in the weather to get it to the island. WMI anticipates that survey progress will improve once C&C can begin using the personnel carrier at the island. Once the personnel carrier is delivered to the island it will be kept there until work is completed.

    b. What is the status of RFI number 1?

Larry DaVico is working on the RFI and hopes to have it completed by the end of the week.

3. Daily Quality Control Reports:

    a. Status on December 4th thru 7th daily quality control reports?

The dates on the reports for the 4th-7th have been corrected and the reports are posted on the WMI ftp server. As of this morning the QC Reports thru the 15th have been completed and posted on the ftp server. Tim Vestal, WMI's Chaland Project Engineer, is currently at an RTK GPS training class in Baton Rouge. The class will complete this Thursday. WMI anticipates that Tim will be able to catch up the Chaland QC Reports when he returns to work on Friday and post them to the ftp server.
Jason mentioned that reports still need to be sent to the appropriate Government personnel via email.

4. Additional Questions or Comments.

There was much discussion by all about survey progress, order of survey work moving forward, survey priorities, survey manpower that can be applied to the work. At this time C&C has informed WMI that they are only able to provide one survey crew for the Chaland project due to other demands resulting from the recent hurricanes. C&C has stated that it may be possible for them to provide 2 crews after New Year. WMI will keep the Government posted on the status of the C&C crews and the size of the C&C staff available for this project.

The next Progress Meeting is scheduled for Wednesday, 04 January at 10 AM.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Agenda

Date: Wednesday, January 4, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Pat Williams, NOAA
Doug Mann, CPE
Andrew Wycklendt, CPE
Gordon Thomson, CPE
Steve Chatry, WMI
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on oyster lease survey?
   Survey has been completed.

   b. Status on January 5th oyster lease meeting?
   Larry DaVico has sent 2 letters of notification to all oyster lease holders notifying them of the meeting purpose, time and location. All lease holders were planning to attend the meeting tomorrow. Larry has talked with one of the lease holders today as a follow up and plans to contact all remaining lease holders to confirm that letter have been received.
   Rachel Sweeney stated that meeting will be held in the main conference room of the Plaquemines Parish Engineering and Public Works building.

   c. Questions about canal survey data:
   -What is the vertical datum and how is related to NAVD?
   Datum is NAVD inverted. All data points are given as depth rather than elevation.

-Is the x, y coordinates of the centerline in an electronic format?
Yes it is. This data has been provided to CPE.

-What is the side slope of stacked material?
The Government proposed a side slope of 1V:4h for both inner and outer edges of disposal area. WMI inquired if a flatter slope (1v:10h) would be possible to allow for the flatter edge that may be created by 'slinging' material to the outer edge of the disposal limit. Gordon Thomson stated that a flatter slope would push the edge of the disposal past the existing survey data which would necessitate the collection of further survey data. After discussion it was determined that a side slope of 1v:4h for both edges of disposal will be acceptable.

d. Status on contractor proposal to do this additional work?
WMI hopes to have proposal ready by late this week or early next week. WMI stated that all data needed to complete the proposal was not yet available. There was some discussion about the format of the proposal and the concern by WMI that the Government may intend to negotiate the price for the work once it is completed. Jason and Rachel stated that the work would be priced lump sum in the proposal and once the Government accepts the pricing and issues a Mod there will be no post work negotiation. WMI and the Government agreed that the proposal should include any anticipated costs to keep the channel open during the life of the Chaland project.

e. Status on permit application process?
Rachel stated that the process should only take 2-3 days after receipt of all survey data, oyster lease data and proposal from WMI.

2. Pre-Construction Survey:

a. What work has been completed to date?
C&C has run lines CG11 and CG12 and 2 additional lines that are unknown at this time. C&C hopes to have the ability to fax and/or email daily work logs by late tomorrow. Once this happens WMI should be able to post reports in a more timely manner.

b. What is the status of answering the questions number 1 thru 4 that was sent via e-mail to your company by the CO on December 16th for RFP number 1-Re-Establishment of Chenier Ronquille Secondary Survey Monument?
WMI has received initial responses to all questions from C&C. Frank Lapari with C&C has just returned from vacation and will provide the additional information required to finalize the response to the Government over the next few days.

c. What is the status of RFI number 1?
Some clarification of the RFIs was provided by the Government. WMI now has a more clear understanding of what is required and how to proceed. WMI intends to have the RFIs completed over the next 2 days.

3. Status on pay estimate number 1 that was rejected on December 15th?

   Larry DaVico plans to have the additional Pay Est submittals completed by the end of the week.

4. Status on amending the insurance certificate for contract modification number 1- Additional Insured?

   WMI has received the Mod from the Government adding the additional insured to the Contract. WMI has processed the request with the insurance agent and expects a faxed copy of the form late this week or early next week.

5. Daily Quality Control Reports:

   a. Status on getting the December 4th thru 7th daily quality control report numbers corrected? This information was sent to your company via e-mail on December 20th.
      Done.

   b. The reported temperature, weather, and tide are the same for every report from 12/15 thru 12/27. If there is no one on the site, the Government would prefer to have this noted and the weather source referenced.
      Tim Vestal, WMI Project Engineer, has begun using a web site that will allow him to get accurate daily weather info for the report on days that no one is at the site. On days when workers are at the site they will record weather conditions to be used on the report.

   c. There is no record of C&C performing any surveys since 12/2. On 12/3 C&C was reported as being down for weather. There is no mention of C&C after 12/10. Is C&C on site and ready to survey if the weather allows? If so, there is no record of this.
      WMI has updated reports to show that C&C returned to the site on 26 Dec. to resume operations.

   d. The report format is currently being used is different from what was approved on October 28th by the Government. Information such as the wave height and direction is missing. It should be noted that this was discussed during our December 13th weekly progress meeting.
      The proper report format is now in use, as of the revised 26 Dec. report.

6. Next weekly scheduled meeting is on January 10, 2006 at 10:00 am.

7. Additional Questions or Comments.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Agenda

Date: Tuesday, January 10, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Andrew Wycklendt, CPE
Brian Kendrick, CPE
Gordon Thomson, CPE
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on contractor proposal to do this additional work?
   All pricing to perform the dredging and associated work have been collected. Proposal should be ready for delivery today or tomorrow.
   Jason requested that proposal be sent to him and that he would distribute.

   b. Status on permit application process?
   Gordon has calculated areas of all oyster leases. Permit sketches are complete w/the exception of pipelines. Pipelines should be added today.
   Rachel was told that once all required submittals are in place the permit process should take approximately 5 days.
   Rachel stated that the Government had started the process of acquiring right of entry from landowners and that it would take approximately 2 weeks to compete that process. Rachel inquired if WMI thought that they may be able to handle this task more quickly. WMI felt that they could not improve on the Government's timetable.

2. Pre-Construction Survey:

   a. Status on the work that has been completed to date?
   4.5 line have been surveyed so far; CG12, 11, 10, 9 and half of 8.

C&C now has 2 crews working at the island , as of 08 January, and are using the airboat and the marsh buggy when weather allows. Recently the crew has been losing much time each day due to the marsh buggy getting stuck. The situation is expected to improve now that there are 2 crews and the airboat.
Gordon inquired if any lines between CG lines have been surveyed. WMI responded that no intermediate lines had been surveyed yet. WMI and C&C are aware of the requirements to survey intermediate lines between the profile lines shown on the plans.

b. What is the status of answering the questions number 1 thru 4 that was sent via e-mail to your company by the CO on December 16th for RFP number 1-Re-Establishment of Chenier Ronquille Secondary Survey Monument?

WMI is still waiting to get final information from Frank Lapari at C&C. His workload has been extreme and has kept him from doing his final research. WMI is hoping to get final info soon.

c. What is the status of RFI number 2-Payment for Bid Item Number 12?

Done.

3. Status on pay estimate number 1 that was rejected on December 15th?

Larry has not finished putting together the final submittal forms. The forms should be completed in the next day or two.

4. Status on amending the insurance certificate for contract modification number 1-Additional Insured?

Revised insurance certificate was ordered by WMI near the end of December. Risk Management Dept. is checking on status.
Follow Up: After meeting Larry was able to get a faxed copy of the revised insurance certificate and email to Jason, Rachel and Gordon. Original certificate should arrive at NOAA offices soon.

5. Daily Quality Control Reports:

a. Status on getting the December 29th thru January 9th daily quality control reports?

As of this morning reports thru 05 January have been posted.

6. Next weekly scheduled meeting is on January 17, 2006 at 10:00 am.

7. Additional Questions or Comments.

Rachel inquired about C&C's progress in establishing an electronic link to the jobsite. WMI replied that C&C has been unable to establish the link that they expected to be established by last Wednesday. C&C continues to

work on this issue and WMI will keep the Government posted of their progress.

Rachel inquired about data from second magnetometer survey. WMI responded that they were mistaken when they stated that C&C had performed a second mag survey. C&C has recently clarified that the first mag survey was complete and correct and that a second mag survey would duplicate the work of the first. WMI thought that C&C had said that the results of the second survey were a duplicate of the first. C&C is confident that the first survey was thorough and located all potential targets.

Gordon requested that WMI provide all data from the first mag survey. Gordon also requested a copy of the file that contains the drawing data showing the different color codes for pipelines that was created by C&C. WMI will get this data from C&C and provide it to the Government.

WMI informed all that they had made contact with the Owner of the 'unknown' pipeline in the Robinson Canal drawings. The Owner is Duke Energy, a wholly owned subsidiary of Texas Eastern. WMI has requested data on the line and will be requesting that Duke accompany WMI in locating the line and that they have a representative present when we dig near their line. WMI will be following this same routine with Swift Energy as well for their pipeline crossing Robinson Canal.

WMI informed all that a release/waiver for work in or near oyster leases had been created and reviewed/approved by Rachel. WMI will begin sending the waivers out to all lease holders today or tomorrow.

Gordon announced that he will be away during the period of 19-25 January. He will be difficult to reach by phone but will continue to monitor and respond to emails.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Agenda

Date: Tuesday, January 17, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Patrick Williams, NOAA
Brian Kendrick, CPE
Gordon Thomson, CPE
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Jerry Deville, WMI
Christian Shaw, WMI
Tim Vestal, WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on contractor proposal to do this additional work?
   WMI has submitted the proposal for review.

   b. Status on permit application process?
   Rachel continues the process of tracking down land owners. No major delays to process so far.

   c. Status on right of entry from landowners?
   See item 'b' above. Rachel has found that Plaquemines Parish may be one of the land owners. If this is the case it would help to expedite the process.

   d. Status on oyster lease agreements?
   WMI sent out 3 of the 4 oyster lease agreements yesterday and the last agreement for Madjor will go out today.

2. Pre-Construction Survey:

   a. Status on the work that has been completed to date?

   C&C has completed 16 CG lines and has completed many of the intermediate lines at the western end of the project. WMI does no know how many intermediate lines have been run. C&C has been working 2 crews and using the airboat and the small marsh buggy.

   Rachel asked about the numbering/labeling system being used for the intermediate lines. Christian responded that it is a system created by C&C. WMI is in the process of getting an explanation of the system from C&C and will share that knowledge with the Government once obtained.

   Jason inquired about number of people in C&C crews. He noted one of the reports which stated that a 3 man crew went to the island. This does not seem to correlate to 2 crews. WMI will check with C&C and find out how many persons are on a crew and how many crews are regularly working at the island.

   Gordon asked if any survey data was ready for delivery to the Government. Christian responded that numerous requests have been made to C&C for data and that WMI expects to have data for delivery to the Government in a day or two.

   Rachel asked how much area is covered by the survey lines. Christian responded that data is collected from the surf area to the north side of the Primary Dike alignment. Basically all data except the hydro portion is being collected on each line.

   Gordon asked why survey lines were being performed east of CG11 (CG13 to CG16) if Weeks Marine was intending to construct the west end first. WMI stated that they were surveying these lines in case there was a delay removing the pipelines in the Primary Dike borrow canal and this would afford them an alternate work area.

   b. What is the status of answering the questions number 1 thru 4 that was sent via e-mail to your company by the CO on December 16th for RFP number 1-Re-Establishment of Chenier Ronquille Secondary Survey Monument?

   WMI now has the complete responses from Frank Lapari at C&C and is in the process of putting those responses into a letter to the Government. WMI anticipates that the letter should be ready by the end of the week.

   c. Status on getting the necessary magnetometer data to the Government?

   Gordon has talked with C&C and is in the process of determining what data is available and how it can be used.

3. Status on pay estimate number 1 that was rejected on December 15th?

   WMI has resubmitted the pay estimate and included all of the required submittals.

4. Status on field adjustment report JLM-001?
   JLM-001 has been signed and will be returned to the Government today.

5. Daily Quality Control Reports:

   a. Status on getting the December 29th thru January 12th daily quality control reports?

   QC reports are caught up thru 15 January with the exception of the report for 13 January which should be completed today.

6. Next weekly scheduled meeting is on January 24, 2006 at 10:00 am.

7. Additional Questions or Comments.
   Gordon reminded everyone that he will not be attending next week's progress meeting.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Agenda

Date: Tuesday, January 24, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Doug Mann, CPE
Andrew Wycklendt, CPE
Brian Kendrick, CPE
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

    a. Status on permit application process?
    Rachel has faxed the permit papers to the regulatory agencies yesterday and they have received them. Rachel estimates a 10 day turnaround time due to Corps waiting periods (5 day comment period, 5 day processing period).

    b. Status on right of entry from landowners?
    Rachel's team has completed the title work. Apache and LL&E are the landowners. Permissions from landowners are expected before the permitting process is complete.

    c. Status on oyster lease agreements?
    WMI has received signed and notarized agreements back from Shelley and Madjor. Still waiting to receive agreements from Cognevich and Tesvich.

2. Pre-Construction Survey:

    a. Status on the work that has been completed to date?
    The latest C&C status map was distributed yesterday and shows that almost all of the marsh survey lines have been run. A couple of lines

remain to be surveyed at the extreme eastern end of the island and a few lines require a small amount of additional data collection to be complete.

b. What is the status of answering the questions number 1 thru 4 that was sent via e-mail to your company by the CO on December 16th for RFP number 1-Re-Establishment of Chenier Ronquille Secondary Survey Monument?
WMI has submitted the responses from C&C. The responses are under review by the Government.

c. Status on getting the necessary magnetometer data to the Government?
Doug will get input from Gordon on this matter and get back to us.

d. Comments about data sets from GC1 thru GC10 that was sent out via e-mail on January 19th.
Jason asked if the survey data was an actual Contractor submittal. WMI responded that it was. Jason suggested that the proper submittal forms be processed for the submittal.
Doug stated that there were some vertical data gaps in the survey data that did not meet with the requirements of the Contract Specifications. WMI will get together with C&C to have the data gaps corrected.
Rachel suggested that WMI have a conference with C&C to review the requirements of the Contract Specifications to assure a mutual understanding of what is required.

3. Daily Quality Control Reports:

a. Status on January 13th daily quality control report?
Larry stated that the report for the 13th had been done and posted. Jason said that as of this morning the report had not been received.
FollowUp-after meeting-Larry checked with Christian Shaw and found that the report for the 13th had not been posted yet, but would be posted by this afternoon.

b. Status on January 16th thru January 23rd daily quality control reports?
Tim Vestal has been temporarily transferred to another State project with the dredge. Christian Shaw is catching up the QC Reports and will have all reports caught up by this afternoon. WMI has made arrangements with C&C to have their team fill out the QC Reports on a daily basis and forward them to WMI. WMI will forward the reports to the Government.

4. Next weekly scheduled meeting is on January 31, 2006 at 10:00 am.

5. Additional Questions or Comments.

Jason asked if WMI could accept a verbal NTP for payments to the oyster lease holders. Larry responded that he would have to check with Steve Chatry but did not believe that a verbal NTP would be acceptable to WMI.

Follow UP-after the meeting Jason called Larry and said that Pam would be processing a Change Order in the near future that would cover all aspects of the scope of work for the Robinson Canal dredging. This Change Order will include an NTP covering all work with the exception of the canal dredging A separate NTP will be issued for the dredging portion after the Government has acquired all of the required permits.

Rachel inquired if WMI had made contact with the pipeline owners for the Robinson Canal dredging. Larry responded that pipeline owners had been contacted by letter and by telephone and that WMI is expecting written correspondence, with pipeline data, from the pipeline owners. Rachel further inquired if WMI had contacted all pipeline owners for work on the island. Larry responded that WMI has contacted all owners.

Doug inquired when WMI would start dredging at Robinson Canal. Jason responded that work would commence after a Contract Modification had been issued and WMI was given an NTP. Chuck stated that, assuming all paperwork is in place, WMI could be ready to commence dredging in 3-4 weeks from today.

Rachel asked if WMI would be interested in copies of new aerial photos of the project that will be available in the near future. There was a unanimous 'yes' response from the WMI team.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Minutes-Revision 01

Date: Tuesday, January 31, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Gordon Thomson, CPE
Andrew Wycklendt, CPE
Brian Kendrick, CPE-LA
Frank Lipari, C&C
Christian Shaw, WMI
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on permit application process?
   Rachel expects to have the needed letter from the Coastal Management Division by the end of this week, the DEQ permit/certificate next week and the Corps permit will be issued once the DEQ permit is received.
   Follow Up (Rachel)- Water Quality Certification has been received from LDEQ. LDNR/CMD anticipates issuance of its approval by the end of the week. Corps of Engineers advises that 404 permit authorization will be issued by Thursday 9 Feb, although they can make provisions to issue earlier if needed.

   b. Status on right of entry from landowners?
   No new information to report. Rachel is expecting an update soon and will inform meeting participants via email when new info is available.

   c. Status on oyster lease agreements?
   WMI has received 3 of the 4 oyster lease agreements back from the lease holders. The only agreement missing is for Tesvich (Robinson Canal Lease). Larry will be calling Tesvich today to check on status.
   Follow Up (Larry)-WMI has received all oyster lease agreements back from lease holders. Will pay lease holders upon receipt of Change Order from Government.

d. Status on pipeline agreements?
WMI has made initial contact with all pipeline owners of record in the Robinson Canal dredging area and at Chaland Island. Rachel has been receiving some phone calls from pipeline owners in Robinson Canal that are not in the dredging area voicing concerns/questions about the dredging activity in the area. Based on these concerns WMI has initiated efforts to contact all pipeline owners in Robinson Canal. WMI will inform the Owners of our intended activities in the area and attempt to obtain information on all of the pipelines.

2. Pre-Construction Survey:

a. Status on the work that has been completed to date?
Frank says that all marsh surveys have been completed. Surveyors are currently extending data collection into the surf as far as it is possible to wade with the RTK equipment. It should take 4-5 days, weather permitting, to complete this phase. Next the crews will bring a vessel, probably a jet ski, equipped to collect the balance of the hydrographic survey data. Frank estimates that the hydrographic data collection will take approx. 3 days, weather permitting.
Gordon expressed some concerns about the quality of the data that may be collected from a jet ski platform and requested that WMI and C&C submit details on the jet ski setup and the equipment to be used. WMI and C&C agreed to provide this information.

b. Status on pre-construction marsh survey data submittal?
WMI has been unable to generate the required plots for the submittal due to lack of availability of a large scale plotter. C&C has agreed to generate the required plots and submit them with the electronic data for submittal. WMI hopes to have most of the collected data ready for submittal by the end of this week.
Gordon addressed some areas where he was concerned about a lack of required survey data resolution based on rapid vertical data change. Gordon distributed an email yesterday outlining these areas

c. Status on getting the necessary magnetometer data to the Government?
There was some discussion on the magnetometer data that was available and Gordon expressed concerns about the limited amount of data and lack of clarity on what the data shows. There are several magnetometer 'hits' in areas where no pipelines are shown in the DNR database and the Government has concerns about what is causing these 'hits'. WMI is in the process of putting together a crew and a work plan to investigate the magnetometer results through probings and on-site survey investigation. WMI will try to have details on this work plan to share at next week's meeting.

3. Daily Quality Control Reports:

    a. Status on outstanding daily quality control reports?
    Reports have been completed and submitted thru 27 January, which was the last day of work. The balance of the reports should be completed today or tomorrow.
    Follow Up (Gordon)-outstanding reports were completed by the end of the day.

4. Providing facilities and support for onsite Government inspectors.
    WMI plans to mobilize the Quarter Boat when the Robinson Canal dredging begins. Based on current status it is anticipated that will be in approximately 3 weeks.

5. Next weekly scheduled meeting is on February 7, 2006 at 10:00 am.

6. Any additional questions or comments?
    Gordon announced that he has a DVD of new project aerial photos that is currently being distributed.

    Gordon will be at a west coast conference until Thursday and should be contacted by cell phone if necessary.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Minutes – Revision 01

Date: Tuesday, February 7, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Gordon Thomson, CPE
Frank Lapari, C&C
Christian Shaw, WMI
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

    a. Status on permit application process?
    Rachel has 1 of the 3 permits in hand now. She has been told that the Corps permit has been signed. She should be able to get the final permit in a few days.

    b. Status on right of entry from landowners?
    Right of entry for LLE and Apache are in order. Rachel is currently finalizing the agreements with Texas Eastern and Gulf South.

    c. Status on oyster lease agreements?
    Weeks has all lease agreements signed and notarized. Weeks will pay lease holders once the Gov't processes a change order directing Weeks to do so. Jason thinks the change order should be ready the week of 13 Feb.

    d. Status on coordination with pipeline owners?
    Weeks has contacted all pipeline owners of record via phone and mail. Weeks has not received any pipeline documents from Owners yet but expects to start receiving pipeline data soon. Rachel has provided some pipeline data to Weeks that she has received from Owners. Weeks will use this data to help coordinate with Owners.

2. Pre-Construction Survey:

   a. Status on the work that has been completed to date?
      A new survey progress status sheet was issued by C&C today. Marsh data collection is complete and C&C has begun collecting beach data working from east to west.
      Revision (Gordon)-C&C still has to go back and collect a few additional survey points in the marsh and check the elevation along CG09. Frank asked if he should halt the beach surveys to go and collect the outstanding marsh survey points. Gordon suggested that Frank continue with the beach surveys but check the elevation data submitted for CG09 was correct, as the aerial shows a bay but the survey elevation suggests the topography is dry.

   b. Status on pre-construction marsh survey data submittal?
      Digital data for CG1-10 ready now. Digital data for remainder of marsh surveys should be ready today. Hard copy plots of completed marsh surveys should be completed in a day or two.

   c. The Government has a couple of questions in regards to the progress plot dated 02/01/2006.
      Gordon stressed that C&C intermediate survey lines seemed to stop at CG30 while the project fill limits extend to CG31. Frank stated that he will add intermediate lines to CG31 and collect that data.
      Gordon asked for clarification on orange colored line that runs along northern and western edges of project area. Chuck Broussard stated that this line is the Primary Dike alignment. Frank will remove this line in future updates to eliminate confusion.
      Gordon inquired about heavy yellow lines that run along the northern limit of the project area. Frank stated that the heavy yellow lines reference layout work performed for Weeks. Frank will remove these lines from future updates to eliminate confusion.
      There was a long discussion referring to the alignment of beach/hydro survey lines as referenced to the CG lines. Gordon stated that it is important, and a requirement of the Specifications, that CG lines be surveyed in their entirety from marsh to Gulf as control/reference survey lines. C&C has set up a series of evenly spaced (100 ft) lines that run the length of the project and has collected beach/hydro data along these evenly spaced lines instead of at the CG lines. Going forward C&C will survey complete CG lines. The evenly spaced lines will be surveyed as intermediate lines but the line closest to each CG line will be skipped in lieu of the CG line. For lines that have already been surveyed C&C will run CG lines via hydrographic survey, continuing lines as close as possible to the beach. These lines will be paired with the data from the same line's marsh data and any missing data between the marsh and

beach surveys will be filled in using data from the nearest adjacent intermediate line.

3. Daily Quality Control Reports:

    a. Upon review of the daily quality control report dated 1/27/06 it is not clear whether any work was performed and if not a reason.
    Christian will revise the QC report and resubmit today.

4. Next weekly scheduled meeting is on February 14, 2006 at 10:00 am.

5. Any additional questions or comments?

    There was long debate over what data was required in hardcopy format as part of the Contractor's survey submittals. The final determination was that Weeks will submit hardcopies of cross section plots with the digital data.

    Gordon asked what method C&C will use to perform speed of sound calibrations on the depth sounder during hydrographic surveys. Frank stated that a simple bar check with a lead line will be performed. Christian added that the methods outlined in the Corps survey manual would be used for speed of sound calibrations. Gordon asked that Weeks/C&C submit a copy of the Corps methodology.

    Gordon requested that the digital data from the CG9 marsh survey be reviewed to determine if some of the Z values may have been inverted in the digital file submitted to the Gov't for review. Frank will check this and get back to the team.

    Gordon asked how long it would take for the tug that delivers the bucket dredge to the jobsite to go back to Houma and return with the Quarter Boat. Charlie Granger responded that it would take 24 hours. Charlie added that if boats were available he may elect to have one tug deliver the dredge and another deliver the Quarter Boat at the same time. Charlie further added that if it were necessary he could have one tug deliver the dredge and the Quarter Boat in a single tow.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting
Minutes Revision 01

Date: Tuesday, February 14, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Gordon Thomson, CPE
Frank Lipari, C&C
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on permit application process?
   Rachel has 2 of the 3 required letters in hand. The final letter, from Coastal Management, will be ready by the end of this week. Rachel stressed that the letter could be procured sooner if necessary. All agreed that by the end of this week would be fine based on the current anticipated schedule.

   b. Status on right of entry from landowners?
   All required Rights of Entry have been signed, executed and recorded at the courthouse (Hunt, Texas Eastern, Swift). Hunt has agreed to allow dredging to within 50 feet of their line at northern limit of Robinson Canal dredging. They have requested sand dredging (propwash) over the actual pipeline. It appears that the area to be propwashed is approximately 200 feet in length. It would be very difficult to effectively propwash an area this long.

   c. Status on oyster lease agreements?
   WMI has received the signed oyster lease agreements back from all leaseholders. WMI has received and approved the Contract Modification from the Government for the dredging of Robinson Canal. WMI is in the process of authorizing payment checks for all lease holders. Checks should go out the end of this week or by the middle of next week.

d. The Government requests a copy of these executed oyster lease agreements.
WMI acknowledges the Government's request and will provide copies of the signed lease agreements.

e. Status on coordination with pipeline owners?
There was a lengthy discussion about information from pipeline owners, the accuracy and quantity of currently collected magnetometer survey data and the level of confidence concerning digging in the vicinity of pipelines based on these factors. It was agreed that WMI will get together with C&C and submit a plan to the Government to collect further mag data in an effort to more accurately identify pipelines and other anomolies in Robinson Canal.
WMI has contacted pipeline owners thru information in WMI database, information provided by the Government and thru information provided thru Louisiana One Call. To date WMI has gotten phone call responses from Chevron, Tennessee Gas, Gulf South, Swift, BP and Louisiana Intrastate Gas. Koch, Columbia and Hunt all appear to have pipelines in the area but have not contacted WMI.
WMI has informed all contacted pipeline owners that they will be contacted by letter (faxed or emailed) 3 days prior to dredging near or floating over their pipeline. With the exception of Gulf South the pipeline companies contacted have indicated that they would send a representative to the site while dredging was occurring the vicinity of their pipeline.

2. Pre-Construction Survey:

a. Status on the work that has been completed to date?
C&C continues collecting marsh and beach data moving east to west. Surveys have progressed to C&C line 215 or 216. Approximately 2 days of marsh and beach data collection remain, weather permitting.
Water surveys will be next. Frank inquired if there was a rush to collect the water survey data. He would prefer to delay for awhile, if possible, to allow the weather and water to warm up a bit. Gordon stated that he needed the data to complete the beach design template and that heavy construction could not begin until pre-construction surveys had been completed. However, the timing of the surveys was between WMI and C&C.

b. Status on pre-construction marsh survey data submittal?
Larry has the data package on his desk and should complete the formal submittal paperwork in a day or two. The electronic data has been submitted to the Government for their use.
Gordon commented that the data set submitted did not include the interim survey lines and that CG lines 25A, 28A and 28B were missing.

Frank will check on the missing CG lines and report back to the group. The intermediate lines will be included in a future submittal. Gordon requested that all lines be included in a single large file if possible. Frank stated that should not be a problem.
Gordon asked that as any survey data is available it be sent to him for use in his design work. WMI and C&C agreed to provide data to Gordon as it is available.

c. Is the current data collection in accordance with the procedures discussed during the February 7th meeting?
WMI & C&C – Yes.

3. Daily Quality Control Reports:

   a. Status on outstanding daily quality control reports for February 9th, 10th, 11th and 12th?
   Reports are completed thru 10 Feb. There was a minor setback in report filing due to Frank taking a vacation day on Friday and being sick on Monday. Frank will be catching up the reports as quickly as possible.

4. Status on revised RFP Number 1-Re-Establishment of Chenier Ronquille Secondary Survey Monument?
   Frank is currently reviewing all of the work logs for establishment of the Ronquille monument. There has been a small delay due to Frank being away from work for a few days. Frank will determine if the anticipated charge for an extra night motel stay for crewmembers was required and/or if those moneys need to be applied elsewhere to cover C&C costs. If the moneys are not needed to cover C&C costs the proposal will be modified to credit the Government for that cost.

5. Next weekly scheduled meeting is on February 21, 2006 at 10:00 am.

6. Any additional questions or comments?
   Chuck asked if survey data processed so far indicates that there will be any changes to marsh fill quantities or dike alignments. Gordon responded that it is too early to make that determination and that he would have to confer with the Government before making any comments on the matter.
   Gordon asked when WMI anticipated that Robinson Canal dredging may commence based on information currently available. Charlie responded that he estimated about 3 weeks before dredging would commence.
   Larry asked if a determination had been made pertaining to the acceptability of C&C's SeaDoo survey equipment and techniques. Jason and Gordon said that a report would be issued soon on the review of the C&C survey method submittal.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting Number 11
Meeting Minutes

Date: Tuesday, February 21, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Gordon Thomson, CPE
Brian Kendrick, CPE-LA
Frank Lipari, C&C
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on permit application process?
   Rachel expects to receive the last required letter by Friday. She stated that she can expedite if necessary. All agreed that to expedite is not required.

   b. Status on getting copies of the right of entry from landowners?
   Rachel has required letters from the 2 landowners and will be forwarding copies to Jason right away.

   c. Status on getting copies of these executed oyster lease agreements?
   Larry stated that copies would be forwarded to the Government this week.
   Follow Up (Larry)-copies of Lease Agreements will be forwarded to the Government the week of 27 February.

   d. Status on coordination with pipeline owners?
   Rachel has letters of 'no objection' from Gulf South, Louisiana State Gas, Chevron, BP, Columbia Gulf, Hunt and Texas Eastern.
   Larry said that he would check with Richard Balentine (Office Engineer, WMI) to get update on WMI status with pipeline owners.
   Follow Up (Larry)-Following is update from Richard-

I have issued two Louisiana One Calls for the Robinson Canal. All pipeline owners shown on Exhibit A-1 dated 15 February 2006 have contacted me.

The first question that I know of at this time is the pipeline shown as 16" Louisiana Intrastate Gas (LIG). Mike Girard, one of the old hands at LIG, says this line does not belong to LIG and may not even exist. The only pipeline they own crossing the Robinson Canal is the Crosstex 12" line going to Buras, LA.

Second question, there has been some conversation about a DOW Chemical pipeline near the project site. Mr. Girard said they had a man at his office that worked for DOW. He will talk to the man and call me back this PM.

Mr. Paul Bouillion with Promix has written Weeks Marine a letter saying that their pipeline was abandoned and removed from the project site. The latest Exhibit A-1 has a pipeline labeled Enterprise Products 8" Promix. I just received the exhibit and will check.

Before Weeks Marine dredges across the Swift and Texas Eastern pipelines, I will require them to mark the pipeline and have a representative aboard while dredging over the pipelines. This is for the pipeline owner's good as well as Weeks.

e. Status on plan to collect additional magnetometer survey data to accurately identify pipelines and other anomalies?

Frank-C&C will perform another full mag survey with focus on areas where pipeline and/or anomalies are present.

Rachel stated that she would like to see the survey performed soon so that any new lines that may turn up can be tracked back to their owners as necessary. WMI will send proposal to Jason on new mag survey by end of this week.

Follow Up (Larry)-Proposal will not go out to Government until week of 27 February.

f. Status on contract modification number two bonding issue?

Larry provided info on needed bonding documents to W. Becker of the Government and has not received a response. Jason stated that the phone number in the email to W. Becker was incomplete. Larry said that he would check the email and provide the complete number to W. Becker.

Follow Up (Larry)-Larry received necessary bond documents from Pamela Stichweh. Bond has been applied for and should be ready to forward to Government by week of 27 February.

g. Notice to Mariners requirements regarding the dredging and disposal operation per General Conditions paragraph 13.

2. Pre-Construction Survey:

a. Status on the work that has been completed to date?
Frank stated that all of the land based survey work has been completed. All that remains is the water (SeaDoo) data collection. Frank stressed that good weather will be necessary to collect accurate survey data. Frank asked if the remaining data was required right away of if it was OK to wait until the weather and water temps warmed up a bit. General consensus from group was that data should be collected as soon as possible so that existing profiles can be determined and project design can be completed.
Frank said that C&C had rerun the questioned area of CG9 and that other extra data points on other lines requested by the Government had been collected.
Gordon inquired if he would be able to get all of the available survey data right away. Larry stated that he would send the latest data to Gordon after today's meeting.

b. Status on pre-construction marsh survey data submittal?
Larry stated that he would be sending the submittal out today.
Follow Up (Larry)-Submittal is complete and will be sent out on 01 March.
It was agreed that the next official survey submittal would go out once all of the before fill survey data on the island had been collected by C&C.

3. Daily Quality Control Reports:

a. Status on outstanding daily quality control reports for February 14th, 15th, 16th and 17th?
Larry stated that QC Reports were complete and submitted thru 19 February. Jason mentioned that the 14th was missing and asked that WMI check into that report.
Gordon asked the report for 30 January be checked for accuracy/completeness. Rachel stated that she has and updated/corrected version of that report and forwarded it to Gordon.

4. Status on revised RFP Number 1-Re-Establishment of Chenier Ronquille Secondary Survey Monument?
WMI has received a revised proposal from C&C for the monument work that includes the revisions requested by the Government and will submit the new proposal to the Government.

5. Due to Mardi Gras is on February 28th, need to discuss when the next weekly scheduled meeting shall be held.
Wednesday, 01 March was suggested and accepted by the group.

6. Any additional questions or comments?

Larry asked for clarification on how WMI should proceed with the request for extension of Contract time due to the Robinson Canal delays. Jason responded that per previous conversations and the WMI Robinson Canal Dredging Proposal the issue would be addressed thru a request for extension by WMI once Primary Dike construction commences on the Island and the extent of the delay is known. WMI and the Government will then negotiate the extension of Contract time.

Gordon asked if it would be approximately 3 weeks until Robinson Canal dredging would commence. WMI responded 'yes' based on current circumstances and progress. The additional mag survey will be the biggest issue going forward.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting Number 12
Minutes

Date: Wednesday, March 1, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Gordon Thomson, CPE
Brian Kendrick, CPE-LA
Richard Balentine, WMI
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

    a. Status on permit application process?
    Rachel has received all of the necessary documents for permitting and will be assembling a package for submittal to Jason.

    b. Status on getting copies of the right of entry from landowners?
    Complete.

    c. Status on getting copies of these executed oyster lease agreements?
    WMI has copies of all oyster lease agreements and will forward to the Government this week.

    d. Status on coordination with pipeline owners?
    All pipeline owners of record have been contacted by WMI and the Government. Owners include Gulf South, Louisiana State Gas, Chevron, BP, Texas Eastern, Colonial Gulf and Hunt. Texas Eastern and Hunt own lines that cross thru the Robinson Canal dredging area. WMI will contact Texas Eastern and Hunt at least 3 days prior to commencement of dredging in Robinson Canal and will request that they have a representative present at the site when dredging near/over their pipeline.

e. Status on a written plan to collect additional magnetometer survey data to accurately identify pipelines and other anomalies?
WMI has received the cost proposal from C&C and is in the process of composing a proposal to the Government. Jason stated that the proposal should include the anticipated scope of work. Larry said that the proposal should be ready for submittal by the end of the week.

f. Status on contract modification number two bonding issue?
Larry received the required bond papers from Pamela Stichweh and has forwarded them to the bonding company. WMI may already be in possession of the new bond and should be forwarding it to the Government by the end of the week.

g. Notice to Mariners requirements regarding the dredging and disposal operation per General Conditions paragraph 13.
WMI is ready to send the Notice to Mariners request to the Coast Guard but is waiting to determine a firm start date for the Robinson Canal dredging. Jason reminded that a copy of the request must be furnished to the Government.
Follow Up (Larry)-WMI will be issuing a Notice to Mariners request for the Robinson Canal dredging tomorrow, 02 March. A copy of the request will be forwarded to the Government.

h. Status on cost proposal for additional magnetometer work?
WMI has received cost proposal from C&C and is preparing proposal to Government. Proposal should be submitted by the end of the week.

2. Pre-Construction Survey:

a. Status on the work that has been completed to date?
No update available today.

b. Status on pre-construction marsh survey data submittal?
Submittal is packaged and going out via overnite courier today.

c. Discussion about the initial beach survey data.
Gordon stated that due to several intermediate beach survey lines being in close proximity to the CG lines there may be an opportunity to eliminate some of the intermediate lines and still maintain necessary data density. Gordon will make a list of lines suggested for elimination and submit to WMI.

Daily Quality Control Reports:

d. Status on outstanding daily quality control reports for February 14th and 26th?
All reports have been submitted thru 27 February. The report for 14 February still seems to be missing. WMI will check on and submit report for 14 February.

3. Status on revised RFP Number 1-Re-Establishment of Chenier Ronquille Secondary Survey Monument?
WMI has received the revised proposal from C&C and is composing a revised proposal to the Government. C&C has eliminated the questioned motel day for their survey party from the original proposal.

4. Next weekly scheduled meeting is on March 7th at 10:00 am.

5. Any additional questions or comments?
From information obtained by WMI and the Government it has been determined that Swift does not have a pipeline that crosses Robinson Canal in the area of our proposed activities.

Gordon requested that CPE be allowed to place a representative on the C&C boat during the mag and probing operations. WMI had no problem with this and suggested that CPE contact C&C to see if there was room on the boat for their rep.

There was a long discussion about what would be involved in the new mag survey and concerns that the survey would be adequately performed. The presence of a CPE representative on the boat would help with some of this concern. WMI will include a description of the intended activities in the new mag survey proposal to help clarify the intended scope of work.

Gordon mentioned that the latest electronic survey data submittal did not include intermediate survey lines. Larry will get together with C&C and Christian to determine why intermediate lines were not included and attempt to obtain data for the intermediate lines if it is available.

Gordon inquired about potential scenarios for station labeling within Chaland Island work area. Larry responded that WMI typically selects a point approximately 500 feet outside of the planned work area and labels that as Station 0+00 and carries the station labeling until a point approximately 500 feet outside of the other end of the work area is reached. Chuck suggested that since current survey line CG is outside of the west end of the work area we could label that as Station 0+00 and carry stationing to the east from that point. Gordon will consider this

and other potential scenarios and get back to the group with his recommendations.

Richard asked if there were any north/south oriented pipelines within the project footprint other that those marked on the Plans for removal since no other lines are shown on the Plans or in the DNR database. There seemed to be a general consensus that the only north/south oriented pipelines within the project footprint are those that will be removed during the course of this project as indicated in the Contract Specifications and that all of these lines have been abandoned.

Rachel asked where the quarter boat will be placed when it arrives. Tennessee Gas will be working at their facility near the eastern end of our project and will need to maintain access to that facility thru Robinson Canal. Chuck stated that initially the quarter boat will be place in the bay just north of Robinson Canal while the canal is being dredged and will then be moved to the southern end of Robinson Canal adjacent to the Oil Infrastructure Access Canal. Chuck added that WMI would have a relatively large degree of flexibility of quarter boat placement and that interference with the Tennessee Gas operations would be unlikely and that WMI will work to accommodate their needs.

Rachel inquired about the timeline for Gary Johnson to commence participation in the project. Charlie replied that Gary should be able to begin attending progress meetings next week.

Chuck asked how long it would take to receive an NTP for the commencement of Robinson Canal dredging once all WMI submittals are in and the mag survey has been completed. Jason, Rachel and Gordon replied that if nothing unusual turned up in the new mag survey that the Notice to Proceed will probably come in less than a week after the mag survey data has been submitted for review.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting Number 13
Minutes

Date: Tuesday, March 7, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Gordon Thomson, CPE
Brian Kendrick, CPE-LA
Frank Lipari, C&C
Gary Johnson, WMI
Richard Balentine, WMI
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Christian Shaw, WMI
Eric Adeline, WMI
Nathan Johnson, WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

    a. Status on getting copies of the permits?
    Rachel has all the paperwork and will be scanning all of the documents today. Scans should be ready for delivery to Jason tomorrow.

    b. Status on getting copies of the right of entry from landowners?
    Rachel said that that the last few documents are still coming in. She expects to have everything by the end of the week.

    c. Status on getting copies of these executed oyster lease agreements?
    Copies of Oyster Lease Agreements have been delivered.

    d. Status on coordination with pipeline owners?
    WMI has notified all pipeline owners of record of our planned operations at Robinson Canal. WMI will continue to communicate with Owners to keep them posted on proposed work schedule. Richard Balentine will notify each Owner of the date WMI anticipates working

in the vicinity of their pipeline and will request that the Owner has a representative present during that time.

e. Notice to Mariners requirements regarding the dredging and disposal operation per General Conditions paragraph 13.
WMI will issue the NTM request as soon as a firm start date has been established. WMI anticipates issuing the NTM request by the end of this week.

f. Status on cost proposal for additional magnetometer work?
Larry is still working on the breakdown of the C&C proposal and generating the cost sharing proposal to the Government. Larry hopes to finish the proposal today.
Follow-Up (Larry)-Proposal should be completed by Monday, 13 March.

g. Status on the results of additional magnetometer work that has been performed to date?
Magnetometer survey is complete and the survey data has been provided to the Government. C&C located the line that runs parallel to Robinson Canal along it's western edge and crosses the northern end of the canal. New mag survey seems to confirm that the Swift pipeline does not cross Robinson Canal. There was discussion and concern that there was no elevation data available from the survey. WMI and C&C will review the data and the collection process to determine if elevation data is available in the data files or field notes.

2. Pre-Construction Survey:

a. Status on the work that has been completed to date?
Land surveys are completed and C&C is waiting for a break in the weather to perform the water surveys. Frank says that approximately 3 good days will be required to collect the hydro survey data and he hopes to be able to go out early next week. Christian has more survey data from C&C that he is preparing for submittal to the Government. He hopes to have the data ready to go today.

b. Beach survey monument.
It has been agreed that the reference point for the project baseline stationing will be CG1. CG1 will become Station 5+00. Station values will decrease to the west and increase to the east of CG1. Gordon will generate a spreadsheet referencing all CG points to the project baseline and distribute to the Team.

3. Daily Quality Control Reports:

    a. Status on outstanding daily quality control reports for February 14th, 28th, and March 1st thru 5th.
    Currently the QC Reports are caught up thru 04 March.

4. Next weekly scheduled meeting is on March 14th at 10:00 am.

5. Any additional questions or comments?

    Jason and Rachel asked about status of W-9 forms and payments to oyster lease holders. WMI has received W-9 forms from Madjor, Shelley, Bilich and Kurtich. Still waiting for forms from Tesvich and Cognevich. WMI expects to receive all W-9 forms and send checks by the end of the week.
    Follow-Up (Larry)-As of Friday, 10 March, WMI has received W-9 forms from all lease holders. Checks should go out on Monday, 13 March.

    Gordon noted that per the requirements of the Specifications all range values on the island survey data should be referenced to the survey baseline. The baseline range should be 0 with negative range values to the north of the baseline and positive range values to the south. Frank said that he will orient all future survey data per this Specification requirement.

    Gordon notified WMI that he is still missing intermediate line data for the marsh surveys. Christian will get together with Frank to get the data for the intermediate marsh lines into the proper format and submitted to the Government.

    Gordon requested that WMI submit field notes from all survey as required by the Specifications. Frank responded that due to the nature of electronic data collection there is a limited amount of field note data available. Christian will get together with Frank to assemble available field notes and submit to the Government.

Rachel inquired about dredging schedule for Robinson Canal. Chuck stated that the dredge 542 will be departing the White Lake project this evening or tomorrow and mobilizing to a short project at Atchafalaya Bay. The 542 should complete the Atchafalaya work by 14-16 March and arrive at Robinson Canal by 16-18 March to commence dredging. Charlie added that the quarterboat will mobilize to the project with or immediately after the 542. Rachel suggested that WMI call Hunt and keep them posted of our anticipated arrival date.
Follow-Up (Chuck)-The 542 was delayed departing White Lake. Dredge departed on Friday, 10 March. New anticipated arrival date at Robinson Canal is now 20-22 March.

Jason requested that WMI provide an updated Project Schedule and check dates for Hold Points.

Gordon informed WMI that CPE will be having an independent surveyor going to the island in the near future to run some check survey lines and inspect the baseline.

Gary asked when the Government will have an inspector present at the project and asked about the requirements for the inspector's living and office quarters. Jason and Gordon replied that an inspector will be present as soon as work commences. Jason directed that WMI refer to the Specifications for details on inspector's living and office quarters requirements.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting Number 14
Minutes

Date: Tuesday, March 14, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Gordon Thomson, CPE
Frank Lipari, C&C
Gary Johnson, WMI
Richard Balentine, WMI
Charles Granger, Sr., WMI
Christian Shaw, WMI
Larry DaVico, WMI

1. Chaland-Robinson Canal Access:

   a. Status on the payment to the oyster lease holders? Has all the W-9 forms been filled out? ***Yes, all of the W-9 forms have been filled out. All checks will be mailed out by the end of the day.***

   b. Status on coordination with pipeline owners? ***Rachel is working on sending out 7 different agreements today. Pipeline owners will be notified 7 days in advance.***

   c. Status on cost proposal for additional magnetometer work? ***No cost proposal will be submitted WMI will pay the cost.***

   d. Submittal status on the results of additional magnetometer work? ***WMI will submit a hard copy (11X17) sheet with C & C's PLS signature per Frank, as requested by Gordon.***

2. Pre-Construction Survey:

   a. Status on the work that has been completed to date? ***No change since last meeting, still waiting on the weather to improve, C&C needs 3 to 4 days of good weather to complete the rest of the survey.***

   b. Status on the final survey submittal package? ***WMI will submit all the information into one complete submittal approximately one week after the remaining beach profiles have been taken.***

3. Daily Quality Control Reports:

   a. Status on outstanding daily quality control reports for March 5th thru 10th? ***Done. The report of 3/13/06 will be redone as requested, if no work is performed on a given day the weather or some other reason will be stated as the cause.***

4. Specification Requirements:

   a. Notice to Mariners requirements regarding the dredging and disposal operation per General Conditions paragraph 13. ***Done.***

   b. Hold Point Inspection-Completion of site layout as required by Technical Provision 19 Layout of Work for Hydraulic Fill Placement as per General Conditions paragraph 2.2.1. ***WMI will request inspections 14 days in advance.***

   c. The Contractor shall notify the COTR and the full time observer in writing fourteen (14) days prior to reaching each hold point previously designated by the Contractor. The Contractor shall reconfirm the inspection date seventy-two (72) hours before the scheduled hold point as per General Conditions paragraph 2.3. ***WMI will comply.***

   d. Within seven (7) days after contract award, the Contractor shall submit to the Government, for approval, the name and qualifications of the proposed Safety Officer(s) and a functional description of duties as per General Conditions paragraph 10.12.3. It should be noted that the Government rejected this submittal on 10/28/05. ***Chuck Granger has redone the submittal and we are reviewing it before forwarding it.***

   e. For informational purposes, the Contractor will be required to inform the Government of the site that the Contractor will be using for vessel-shore transfers as per Technical Provisions paragraph 38. ***We have made arrangements with Grand Isle Shipyard to use their facilities.***

f. Contractor shall resume bird patrols on April 1, 2006, for any unaccepted or incomplete beach fill sections. The Contractor will be required to resume bird patrols on April 1, 2006, for any beach fills sections that have not been accepted for payment, and on which sand fencing has not been installed and accepted for payment. No patrols of completed sections (beach fill and sand fences) will be required as per Environmental Protection Provisions paragraph 7.2. ***We will start bird patrols April 1, 2006.***

5. What is the status on the updated Order of Work and Project Schedule as required per Technical Provisions paragraph 3.1? ***We hope to have a new schedule submitted in the next day or two. The order of work is the same except for the mod to dredge the access canal, it will be done first.***

6. Due the fact that Gary Johnson is now the project manager for this project can the Government receive these person cell phone and office phone numbers?

The cell phone number for Gary Johnson is 985-237-5026 24 hrs a day. The Email address is gwjohnson@weeksmarine.com. We plan to have a jobsite phone aboard the quarters barge but we do not have a number yet.

7. What is the status on the weekly progress meeting minutes for the meeting on March 7? ***Done.***

8. When shall the next progress meeting be held? ***March 21, 2006 @ 10:00 AM, conference call.***

9. Any additional questions or comments?

Gordon asked about the primary dike alignment stakes, C&C has staked out almost all of it.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting Number 15
Minutes

Date: Tuesday, March 21, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Gordon Thomson, CPE
Brian Kendrick, CPE-LA
Gary Johnson, WMI
Richard Balentine, WMI
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Charles Granger, Jr. WMI
Christian Shaw, WMI
Larry DaVico, WMI
Russ Joffrion, DNR
Greg Grandy, DNR

1. Chaland-Robinson Canal Access:

   a. Status on the payment to the oyster lease holders? ***All of the checks have been sent out and receipt confirmed by Fed Ex.***

   b. Status on coordination with pipeline owners? ***We are coordinating our operations with the pipeline owners, this is an on going process and we haven't had any difficulties so far. Ken Babin w/ Hunt has stated that he will have a representative on board the dredge during operations near Hunt lines. WMI is requesting that all pipeline Owners make similar arrangements to have a representative on board the dredge.***

   c. Comments or questions on Pass Chaland to Grand Bayou Pass-Landrights Completion #2 (access) Summary table? ***We are still reviewing the requirements and may have comments at a later date.***

d. Submittal status on the hard copy (11 x 17) sheet with C&C's PLS signature indicating the results of additional magnetometer work? ***This was sent last week. I checked on it and found that it was mailed by regular mail on March 17, 2006.***

2. Pre-Construction Survey:

   a. Status on the work that has been completed to date? ***No additional field work has been completed by C & C since our last meeting. We will notify C & C and stress the need for improvement on progress on this issue.***

   b. Status on the intermediate marsh survey lines? ***The survey lines have been sent by WMI and received by C P & E. All of the marsh data is in and being reviewed by C P & E.***

3. Daily Quality Control Reports:

   a. Status on outstanding daily quality control reports for March 14th thru 19th? ***These reports were sent in and received this morning. Jason requested that the reports be submitted in a more timely fashion going forward.***

   b. Status on providing the revised daily quality control report for March 13th indicating that "No work performed today due to weather" under item number 1 of this report. ***This report was revised and sent in today.***

4. Specification Requirements:

   a. Contractor shall resume bird patrols on April 1, 2006, for any unaccepted or incomplete beach fill sections. The Contractor will be required to resume bird patrols on April 1, 2006, for any beach fills sections that have not been accepted for payment, and on which sand fencing has not been installed and accepted for payment. No patrols of completed sections (beach fill and sand fences) will be required as per Environmental Protection Provisions paragraph 7.2. ***Acknowledged.***

5. What is the status on the updated Order of Work and Project Schedule as required per Technical Provisions paragraph 3.1? ***These items were updated and submitted yesterday.***

6. What is the status on the name and qualifications of the proposed Safety Officer(s) and a functional description of duties as per General Conditions paragraph 10.12.3? ***This submittal was revised and sent in yesterday. Jason acknowledged receipt and stated that the data is under review by the Government.***

7. When shall the next progress meeting be held? ***Tuesday 10:00 AM, March 28, 2006.***

8. Any additional questions or comments? ***Rachel commented on the upcoming Hold Point Inspection, the need for an inspector aboard the bucket dredge while dredging the access canal, review of the permit disposal requirements, and the 24hour notification before commencing dredging of the access canal.***

Gordon commented on the marking of the "disposal limits" of the dredge spoil placement from the access canal, in all areas (parallel to canal, at pipelines, and at marsh areas), the need for additional base line points put in on the island, debris in the beach fill area, abandoned pipelines in the fill areas, tide gages and their required locations, and his new cell phone number 561-400-7820.

Charlie stated that the dredge is at WMI's Houma Yard and ready to mobilize to the project. Currently there are no tugs available to tow the dredge to the project. WMI hopes to arrange for a tug by this Thursday, 23 March.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting Number 16
Minutes

Date: Tuesday, March 28, 2006

Time: 10:00 AM (Central Time)

Location: Conference Call
Telephone Number: 1-866-724-2155
Pass Code: 2747752

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Patrick Williams, NOAA
Gordon Thomson, CPE
Brian Kendrick, CPE-LA
Richard Balentine, WMI
Chuck Broussard, WMI
Charles Granger, Sr., WMI
Larry DaVico, WMI
Tim Vestal, WMI
Gary W Johnson, WMI

1. Chaland-Robinson Canal Access:

    a. Status on coordination with pipeline owners? ***On going, no problem*s. *All pipelines are not marked yet but are scheduled to be. They have crossed the Swift pipeline***
    b. Comments or questions on Pass La Mer to Chaland Pass (Chaland Headland)-Landrights Completion #2 (access) Summary table? ***None. LIG pipeline is a mistake on the drawings. The dredge has not received the summary as yet. This will be provided to them.***
    c. Status on the dredging work that has been completed to date? ***542 dredged from 12+18 to 33+18 so far.***
    d. Concerns about the hard copy (11 x 17) sheet with C & C's PLS signature indicating the results of additional magnetometer work, ***Done.***

2. Pre-Construction Survey:

    a. Status on the work that has been completed to date***? C & C on site but having software problems.***

    b. Status on the missing intermediate marsh survey lines? ***Sent in and received.***

c. Status on when the final survey submittal will be submitted?
Approximately one week after all beach profiles have been completed.

3. Daily Quality Control Reports:

   a. Status on outstanding daily quality control reports for March 20th thru 27th? ***Sent and Received***.

4. Specification Requirements:

   a. Contractor shall resume bird patrols on April 1, 2006, for any unaccepted or incomplete beach fill sections. The Contractor will be required to resume bird patrols on April 1, 2006, for any beach fills sections that have not been accepted for payment, and on which sand fencing has not been installed and accepted for payment. No patrols of completed sections (beach fill and sand fences) will be required as per Environmental Protection Provisions paragraph 7.2***. Bird patrols will commence as required.***

5. The next meeting is schedule for April 4th and will be on site at 10:00 am.
Acknowledged.

6. Any additional questions or comments***?***

Hold Point Inspection on Tuesday April 4, 2006. Where are the certified payrolls? They usually lag behind a week or so. We will check on there status.

The Robinson Canal dredge spoil is staking to approximately 1.5' NAVD (just above the water). It appears to be material that has deposited in the channel recently.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting Number 17
Minutes

Date: Tuesday, April 4, 2006

Time: Tentatively Scheduled for 10:00 AM (Central Time)

Location: On Site

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Berry , DNR
Brian Kendrick, CPE-LA
Tim Vestal, WMI
Gary Johnson, WMI

1. Chaland-Robinson Canal Access:

   a. Status on coordination with pipeline owners? ***On going, no problem*s.**

   b. Comments or questions on Pass La Mer to Chaland Pass (Chaland Headland)-Landrights Completion #2 (access) Summary table? ***None.***

   c. Status on the dredging work that has been completed to date? ***542 completed dredging Robinson Canal and preparing to start primary dike construction.***

2. Pre-Construction Survey:

   a. Status on the work that has been completed to date***? C & C on site. They have completed approximately 40 lines and have 100 lines left.***

3. Daily Quality Control Reports:

   a. Status on outstanding daily quality control reports for March 28th thru 3rd? ***They were submitted after today's meeting***

4. Specification Requirements:

   a. Contractor shall resume bird patrols on April 1, 2006, for any unaccepted or incomplete beach fill sections. The Contractor will be required to resume bird patrols on April 1, 2006, for any beach fills sections that have not been accepted for payment, and on which sand fencing has not been installed and accepted for payment. No patrols of completed sections (beach fill and sand fences) will be required as per Environmental Protection Provisions paragraph 7.2***. Bird patrols are being performed.***

b. Contractor shall use the Request For Interpretations form to inquire about an item of work insufficiently described or detailed in the contract documents and is seeking an interpretation from the Government as in accordance with General Conditions paragraph 8.2.3.

5. Status on coordination with pipeline owners for the work being performed on the island? ***No problems, owners are cooperating so far.***

6. Review and discuss current construction schedule dated March 20th. ***We will revise the schedule to add columns showing "actual" start and finish dates and revise the hold point inspection dates.***

7. Discuss the next hold point inspection and determine approximate inspection schedule. ***Since we completed inspecting the entire back dike today, we will not need the next scheduled dike inspection that would have covered lines CG-11 thru lines CG- 58. If there is a change in the water discharge area dike (deleted) then we will not need any more primary dike alignment hold point inspections. If we do construct the water discharge area dike we will lay it out and schedule an inspection.***

8. Status on the meeting notes for the weekly meeting that was held on March 28th? ***The minutes should be e-mailed to you by tomorrow.***

9. The next meeting is scheduled for April 18 or 19 and will be on site at 10:00 am.

10. Any additional questions or comments? ***We will be submitting a pay estimate this week and a RFI requesting some primary dike alignment changes as discussed. WMI will be conducting additional magnetometer surveys in all borrow areas that will be used for dike construction.***

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Weekly Progress Meeting Number 17
Revised Minutes

Date: Wednesday, April 19, 2006

Time: Tentatively Scheduled for 1:00 PM (Central Time)

Location: On Site

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Gordon Thomson, CPE
Andrew Wycklendt, CPE
Brian Kendrick, CPE-LA
Tim Vestal, WMI
Gary Johnson, WMI

1. Chaland-Robinson Canal Access:

   a. Status on as built survey? ***The swing data was submitted on 4-17-06, and additional data will be submitted this week.***

2. Pre-Construction Survey:

   a. Status on the work that has been completed to date? ***An updated progress schedule was submitted today at this meeting. C & C has approximately 60 lines to run and numerous gaps to complete before the beach and dune survey will be complete.***

   b. Comments about the "Vertical Discrepancy in Pre-Construction Survey" e-mail dated 3/29/06? ***This matter was forwarded to C & C and they are reviewing the data, WMI checked some of the discrepancies and confirmed that there was indeed a problem with the data surveyed on Jan. 15 and Jan. 20, and requested to C & C that they try to correct the problem as soon as possible. We also discussed the gaps in survey data on some of the lines and notified a C & C representative of the situation.***

   c. ***We discussed the beach survey provided on 4/10/06. Gordon Thomson stated that the majority of the lines did not have the required 50 foot overlap between the onshore and offshore portions. WMI was aware of this and stated that C&C was also aware of this and would be filling the gaps. Gordon referred to RFI?? that required the beach surveys also extend at least 10 feet north of the landward toe of dune. Jason requested that Gordon submit a letter detailing these preliminary observations of the data.***

3. Daily Quality Control Reports:

   a. Status on outstanding daily quality control reports from 4/10 thru 4/15? ***They have been submitted to CPE representative and will now be submitted to Jason Manthey daily either by fax or e-mail.***
   b. What is the progress in making the necessary corrections to the daily quality control reports from 4/4 thru 4/9**?** ***The reports have been corrected thru 4-18.***

4. Specification Requirements:

   a. The construction schedule shall include all work activities for completion of the work to be performed under this contract and will reflect the contractor general sequential approach to the work in accordance with General Conditions paragraph 20.3. The contractor shall submit this updated construction schedule on or before 2 pm each Friday for at least the subsequent two weeks as in accordance with General Conditions paragraph 20.5**.** ***An updated schedule was submitted at this meeting. WMI will submit an updated schedule before 2 pm every Friday.***

   b. Contractor shall use the Request For Interpretations form to inquire about an item of work insufficiently described or detailed in the contract documents and is seeking an interpretation from the Government as in accordance with General Conditions paragraph 8.2.3. ***We will try to submit RFI no.4 today, and in the future we will try to give NOAA more advanced notice in order to allow for more response time. The government will attempt to respond within 2 business days of receiving an RFI.***

5. Status on the correction of the communication problems? ***Jason indicated that he would issue a non-compliance notice on May 1 if there were continued issues with communications. Gary Johnson stated that as of yesterday WMI has provided a working telephone and fax phone. Our goal is to also provide internet service if possible. We have ordered cell signal amphifiers to try and improve the service.***

6. Review and discuss current construction schedule dated April 12th. ***Some of the items on the schedule have started early and a new updated schedule was submitted today. Gary stated that it was not feasible to separate beach fill and marsh fill dredging into separate sections and that was why they were shown concurrently in the schedule.***

7. Discuss the next hold point inspection and determine approximate schedule. ***The next hold point inspection date depends on the results of the beach and dune survey.***

8. The next meeting is scheduled for May 3rd and will be on site at 11:00 am.

9. Any additional questions or comments? ***Rachel commented on the need for two bird patrols daily as required and suggested we move the 4 wheeler to the East end of the project where nesting sites are more likely to be.***

We need to describe and record the areas that we are patrolling, what type of birds seen if known, and any nesting activity, etc. We will probably be using boomers if needed and we discussed the placement method of them. Jason commented on the correct way to submit the QC reports, to him with a copy to the onsite inspector, by fax or e-mail, and daily. We discussed safety. There haven't been any safety problems on the project. Gary Johnson will offer WMI quarters barge acomodations to C & C 's survey crew in order to try and speed up the progress of the beach and dune surveys. Tony Delhomme (C & C) briefly attended. He said that they had approximately 60 lines left that could take maybe one day but that it was highly weather dependent. He was aware That there was a required overlap and said that they might have to collect additional points. Gary asked about the primary dike enclosing the dewatering area and if they should stake this out. Gordon stated that the decision to remove the primary dike surrounding the dewatering area and fill the dewatering area with marsh fill had not been made. This decision would be dependent upon the total fill volumes, which required a completed pre-construction survey. WMI indicated that they were concerned that there may not be enough suitable fill material within the OIAC to construct all the required dikes, (mainly the canal closure dikes). They asked if any additional fill material was available from other sites within the footprint and what would they have to do in order to utilize the other material, submit an RFI? Gordon suggested that they not submit an RFI at this time as WMI was not sure if there was sufficient suitable material. WMI will submit an RFI if or when they determine if the available volumes of suitable marsh fill is sufficient to construct all the primary dikes and closures.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 19
Meeting Minutes

Date: Wednesday, May 3, 2006

Time: Scheduled for 11:00 AM

Location: On Site

1. Chaland-Robinson Canal Access:

   a. Status on additional as-built survey information? ***The additional data was submitted at today's meeting.***

2. Pre-Construction Survey:

   a. Status on the work that has been completed to date? ***The surveys were completed on Saturday April 29 and are being prepared for submittal.***

   b. Status on the response to the "Vertical Discrepancy in Pre-Construction Survey" e-mail dated 3/29/06? ***The discrepancy was found in all surveys taken on January 20, 2006, which consists of 3 Marsh Lines; CM-44, CG-22 and CM-42. These lines were resurveyed and are in the process of being re-submitted.***

   c. Status on the correction of the overlap issues***? The overlap issues were resolved by additional surveys taken on April 28th & 29th. They are being processed and Frank Lapari stated that he would do his best to try and e-mail a preliminary survey of the entire beach to our office this afternoon and WMI will immediately forward it to NOAA & CPE this afternoon if we receive it.***

3. Daily Quality Control Reports:

   a. Who will complete the daily quality control reports when Tim and Gary are not on site? ***WMI will amend the Quality Control Plan to include the names of additional qualified salaried supervisors who are now working on the project.***

4. Specification Requirements:

   a. In accordance with specification section 32.2.2-Record Drawings (As-Builts) "The CONTRACTOR shall maintain a clean, undamaged set of blue or black line white-prints of Contract Drawings and Shop Drawings.

Mark whichever drawing is most capable of showing conditions fully and accurately; where Shop Drawings are used, record a cross-reference at the corresponding location on the Contract Drawings." ***Jason Manthey expressed concerns about the updates of the primary dike alignment (RFIs) not being on the set of Jobsite Contract Drawings. WMI will update the changes by hand and in RED ink on the drawings as they are approved and built and CPE will also incorporate the changes on any new plans that they redesign and give to WMI.***

5. The statuses on pay application number three***? WMI discussed the survey data submittals required for pay estimates at today's meeting. Pay application estimate #3 was completed and submitted to NOAA after today's meeting.***

6. Review and discuss current construction schedule dated April 28th***. An updated schedule was provided at today's meeting and discussed. A brief overview of WMI's work plan was discussed and WMI will be submitting a revised work plan in the near future.***

7. Discussion and review of the protection of migratory and other protected birds requirements. ***Today's discussion was about reporting requirements on the daily QC report concerning bird observations. WMI will state weather or not any type of bird nesting activity was or wasn't observed and be more specific about what was observed and bring the CPE observer along on the patrols from time to time.***

8. The next meeting is schedule for May 17th and will be on site at 11:00 am. ***Acknowledged. Gary Johnson stated that he would not be on site for the meeting because of surgery and Jason Manthey requested that WMI write a letter saying who would be in charge in Gary's absence. Gary Johnson also stated that he would try and have a maintenance person to look after the quarters barge while he is absent.***

9. Any additional questions or comments? ***Gary Johnson asked where does it state in the specifications that pre-construction surveys have to be certified? And if and where it states that surveys have to be certified for any pay requests or as-built surveys? Gordon Thomson will try to find it and get back with WMI.***
WMI acknowledges the specification requirement for "Layout of Work" which requires a licensed surveyor registered in the State of Louisiana.
Jason Manthey discussed the OIAC and the need to not make it available to the public or install the signs until the required dimensions were achieved.
The recent water problem was discussed along with WMI plans to prevent it from occurring again.
We also discussed RFI #4 and clarified some confusion on some of the point tie- ins and will resubmit the points again with additional tie-in points.
Jason Manthey suggested we look into other means of erosion protection for unprotected areas of the primary dike other that plastic. WMI will look into it.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 20
Agenda

Date: Wednesday, May 17, 2006

Time: Scheduled for 11:00 AM

Location: On Site

Attendance: Jason Manthey
Gordon Thomson
Racheal Sweeney
Jonathon Rager
Tim Vestal

1. Pre-Construction Survey:
   a. Status on when the final beach survey submittal will be submitted to the Government?
   The final survey will be sent to Covington office on this day to be reviewed and properly submitted to the government.
   b. Status on the marsh survey lines that have been resurveyed?
   These lines have been completed and are included with the survey that has been sent to Covington for review.

2. Daily Quality Control Reports:
   a. Missing daily quality control reports for May 13th and 14th.
   The reports have been sent in and the problem has been corrected.

3. Discussion and review of re-using the existing stock piled materials onsite.
   The government requested a RFI in any areas that Weeks intends to use existing material (stockpiles) that is above the required elevation for that area.

4. Review and discuss current construction schedule dated May 12th.
   It was noted that some of the dates on the construction schedule have passed. The schedule will updated and corrected accordingly.

5. Discussion and review of the protection of migratory and other protected bird's requirements.
   It was mentioned that there will be no "boomers" required at this time, and that while on bird watch the ATV should not pass over vegetation that is outside of the job footprint.

6. The next meeting is schedule for May 31st and will be on site at 11:00 am.

7. Any additional questions or comments?
   Weeks was asked to place some type of temporary signs at the canal closures that have material in place.
   There was some discussion about the final elevation of the pipes on settlement plates. This would be resolved in a field adjustment.
   It was noted that on June 16th there may be some visitors on site for a project dedication.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 21
Meeting Minutes

Date: Thursday, June 1, 2006

Time: 1:00 PM

Location: On Site
Attendees: Jason Manthey, NOAA
Barry Richard, DNR
Jonathan Rager, CPE
Andrew Wycklendt, CPE
Brian Kendrick, CPE-LA
Tim Vestal, WMI
Gary Johnson, WMI
J M Fail, WMI
Paul Stewart, WMI

1. Status on the Field Adjustment Reports GGT-002 and GGT-003? ***GGT-003 was signed and mailed on 5-26-06. An e-mail was sent on 5-26-06 by Tim Vestal asking for more information on GGT-002. GTC-002 was signed and returned this date.***

2. Status on the deduct cost proposal for RFI Number 006-Sand Fencing Material Specifications? ***We have received the cost deduct from our sub-contractor and it is being processed. We should be able to send a letter out in the next few days with the WMI cost deduct proposal.***

3. Status on an updated construction schedule? The last updated construction schedule was dated May 12th, and it was noted that several dates on this schedule have passed***. It was e-mailed on 5-26-06. WMI will be submitting a new schedule this Friday as required.***

4. Status on as-built drawings as required per the specifications? It should be noted that a non-compliance will be issued if these as-built drawings are not updated by this meeting date. ***They have been updated and were reviewed at today's meeting.***

5. It should be noted that the Tennessee Gas Pipeline Company plans to use the new oil infrastructure access canal approximately the third week in June to go to the pipeline riser. Would this create any problems for your company? ***No.***

6. The Government is in receipt of your May 12th letter requesting an extension of contract time, and is currently being reviewed. ***Expect an answer within the next week.***

7. Review and discussion of hold point inspections that are scheduled for June 7th. ***The inspections were discussed and changed to two inspections on the beach/dune, and possibly two on the primary dike. WMI will e-mail the revised requests in the next few days.***

8. Review and discussion of pay application number four***. Pay estimate #4 was discussed and will be submitted by the end of the week by FED-EX.***

9. Upon receipt of the revised contract drawings by your company, the Government requests that your company provide a cost proposal for any changes to the original drawings that might have occurred***. WMI received the new contract drawings yesterday and is in the process of reviewing them. WMI will provide any cost proposals in a timely manner and will also provide any additional bonds.***

10. It should be noted that on ***(Friday)*** June 16th there may be some visitors on site for a CWPPRA dedication that will be occurring on this day. ***Acknowledged. WMI will prepare for any visitors or dignitaries.***

11. The next meeting is schedule for June 15th ***(Thursday again)*** and will be on site at 11:00 am.

12. Any additional questions or comments? ***The following additional items were discussed: E-mails of dredge swing data have been caught up and will be submitted daily by e-mail.***
The QC report of May 26 has an error of 2 hours on the operating time of the dredge 542.
WMI is in the process of acquiring permission to burn beach debris from the parish government and the state DEQ.
Transportation to and from the dredge borrow site was discussed. WMI will furnish transportation to the government operated by WMI employees only.
The revised order of work for hydraulic fill was discussed and explained. WMI may start pumping material to close off the breaches as soon as this Sunday or Monday.
The equipment access route from the back dike to the beach was discussed. The Government stated that it would rather not see any existing high mounds cut down and directed WMI to find another way to bridge the gap from the existing spoil mound to the beach and suggested that WMI push sand from the beach.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 22
Minutes

Date: Thursday, June 15, 2006
Time: Scheduled for 11:00 AM
Location: On Site

Jason Manthey (NOAA)
Gordon Thomson (CPE)
Tom (CPE)
Russ (LDNR)
Barry Richard (LDNR/NOFO)
Jonathan Pager (CPE)
Andrew Wycklendt (CPE)
Paul Stewart (WMI)
Tim Vestal (WMI)

1. Status on the information that is being requested under RFI Number 007-Existing Spoil Banks in Fill Areas?
   Due to the fact that Gary Johnson has been out for the past week, the areas that WMI would like to degrade in order to allow the mud to flow west ward have not been decided.

2. Status on proposed correction to Non-Compliance 01?
   The problem has been corrected, and a checks and balance system has been put into place to help to avoid any future problems with the dredging operations.

3. Discussion of the over dredging issue that occurred last week.
   The over dredging issue was discussed, and the problem was due to an incorrect dredge template being entered into the dredge guidance computer aboard the Tom James. The problem has been corrected.

4. The Government is in receipt of your May12th letter requesting an extension of contract time, and is currently being reviewed by the Contracting Officer.
   Jay Manthey stated that he has approved the request for the time extension, but it is still being reviewed by the Contracting Officer.

5. Discussion of the dredge mobilization and demobilization notification requirements.
   Jay Manthey requested that he would like to be notified if the dredge is moved off of the jobsite and also notified when the dredge returns back to the jobsite. It was also stated that the exact times of departure and arrival should be noted in the QC Reports.

6. Status on your company providing a cost proposal for the revised drawings date May 24th?
   The cost proposal for the revised drawings is being handled in the Covington Office and will be submitted to the Government in a timely manor.

7. It should be noted that June 16th there will be some visitors on site for a CWPPRA dedication that will be occurring on this day.
   It was stated that there will most likely be a fly over of the jobsite on this day.

8. The Government is in receipt of your June 5th sand fence deduct cost proposal, and is currently being reviewed by the COTR.
   The Government has the proposal and it is being reviewed, WMI should have a response in a week or two.

9. Review construction schedule dated June 9th.
   The construction schedule was reviewed, and it was noted that schedule needed to be updated to reflect current progress.

10. The next meeting is scheduled for June 29th and will be on site at 11:00 AM.

11. Any additional questions or comments?
    CPE expressed some concerns about the amount of silt that is currently being placed on the beach. The report they furnished showed 13.81%, the limit is 15.00%.
    There were some comments about the beach layout, it was requested that the baseline be clearly marked, and that the grade stakes between CG13 and CG14 may need to be rechecked.
    WMI stated that a burn permit has been issued, but was not on hand. The government requested that WMI submit this burn permit in a RFI as soon as they receive it.
    WMI stated that Hunt Oil has some maintenance dredging to be done that is located on the east end of the jobsite between CM48 and CG25A.WMI has considered doing this dredging for Hunt Oil. However, the material for this dredging according to Hunt Oil's permit will be placed behind the existing Primary Dikes. WMI asked the Government if this would be a problem. The Government replied that they would need a RFI along with the Hunt Oil Permit.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 23
Minutes

Date: Thursday, June 29, 2006

Time: 11:00 AM

Location: On Site
Attendees: Jason Manthey, NOAA
Barry Richard, DNR
Jonathan Rager, CPE
Andrew Wycklendt, CPE
Gary Johnson, WMI
Gordon Thomson, CPE
Frank Gill, WMI
Charlie Granger, WMI
Chad Bragg, WMI
Ronnie Rhodes, WMI

1. Status on proposed correction to Non-Compliance Number 02? ***The QC Reports have been reviewed and corrected. A meeting was held with the QC staff about the errors. The reports have been corrected and resubmitted today. Gordon Thomson will provide future RFI responses as an MS Word file and a PDF file (with signature) for ease of response.***
2. Status on proposed correction to Non-Compliance Number 03? ***The response was submitted today. The requirement to keep the cutter head above the dredging limit elevation was discussed. WMI voiced the concern about the amount of material being left behind due to this requirement and what to do if we start running short of suitable sand fill material. Gordon Thomson discussed the permitting requirements and concerns for possibly too much silt being in the beach fill. We also discussed the current pit to fill ratio and the silt content of the current dredging locations. WMI will submit an RFI on this matter in the near future.***
3. Discussion of beach sample grain analyses information that was presented on June 21st. ***Gordon Thomson reviewed the sample analysis at today's meeting. We also discussed the need to try and keep the silt content down below 15% and use any available construction techniques to avoid silt pockets on the beach.***
4. Any questions in regards to the Government response to RFI Number 007-Existing Spoil Banks in Fill Area dated June 27th? ***Location #9 had an error in the x, y location and it was corrected and resubmitted.***
5. The Government is in receipt of your May 12th letter requesting an extension of contract time, and is still currently being reviewed by the Contracting Officer. ***Acknowledged.***

6. Quality control issues of the daily contractor quality control reports. ***Jason Manthey indicated his continued concerns with errors and discrepancies in the DQCR's. Gary Johnson has discussed this issue with the personnel completing the QC's and stated that the issues will be corrected.***
7. Status on your company providing a cost proposal for the revised drawings date May 24th***? Larry DaVico who was responsible for this item is leaving WMI. The WMI contract administrator is now handling the matter at the Covington office. WMI (Charlie Granger) will check on the status.***
8. Discussion and review of pay application number five. ***Discussed and reviewed the pay items due. WMI will apply for the mob/demob now that 5,000 cy of beach fill have been placed in the beach fill construction template. The island breach closure is not eligible for payment, as the pay sections in the vicinity the island breach closure have not been accepted. WMI will apply for payment on 3 additional settlement plates. WMI has completed construction of the primary dike and will apply for 60% of the revised length of primary dike.***
9. Status on General Conditions paragraph 31-Construction Plans and Contract Documents requirement that at least one set shall be maintained on the dredge at all times during project construction? ***A set is being maintained aboard the dredge "Tom James". A copy of the dredging permit will be posted in the lever room by tomorrow. Chad Bragg will print out the permit from the CD and put it on the dredge.***
10. The Government is in receipt of your June 5th sand fence deduct cost proposal, and is still currently being reviewed by the COTR. ***Jason Manthey requested a cost breakdown from our fence subcontractor showing the difference in pricing and how the total price deduction was arrived at. WMI will provide it. The number of fence posts was also discussed. The Government stated that the number of fence posts used in the cost deduction was too low.***
11. Review construction schedule dated June 24***. Discussed latest schedule and decided to add an additional Hold Point Inspection for Beach/Dune layout for the Eastern end of the island. We discussed the need to change the sand fence completion date.***
12. The next meeting is schedule for July 13th and will be on site at 11:00 am. ***Thursday***
13. Any additional questions or comments? ***Jason Manthey asked about the status of the dredging for Hunt Oil Co. (RFI #9). WMI stated that the dredging will not be done by WMI and that RFI #9 is no longer needed. WMI will send an email about it. Jason Manthey also inquired about the revised minutes of the last bi-weekly meeting. WMI will contact Tim Vestal and find out the status and have him email them to everyone concerned. Gary Johnson stated that WMI would be switching over to pumping marsh material today. Gordon Thomson asked if surveys had been performed to determine the northern toe of the beach fill for pay purposes. Gary said that most of the beach template line intercepted above the marsh fill section but that they had collected beach survey lines needed to show the limits of the beach fill. Gary said that he would provide these to us. There was a brief discussion that these lines would be***

appended to the rest of the beach survey once the complete beach section was constructed and surveyed.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 24
Minutes

Date: Thursday, July 13, 2006

Time: 12:00 Noon

Location: On Site

Attendees: Jason Manthey, NOAA
Jonathan Rager, CPE
Andrew Wycklendt, CPE
Gary Johnson, WMI
Gordon Thomson, CPE
Rachel Sweeney, NOAA
Pat Williams, NOAA
Brian Kendrick, KE

1. Quality control issues of the daily contractor quality control reports. ***Jason stated that the government was holding 10% of the June pay estimate due to quality control issues.***

2. Status on your company providing a cost proposal for the revised drawings dated May 24th? ***Mr. Steve Chatry, Contract Administrator for WMI is now handling the matter in place of Larry DaVico. Charlie Granger informed Gary Johnson before the meeting that "Mr. Chatry is working on the proposal". Jason Man they requested that WMI e-mail him a timeline for completion of the cost proposal as soon as Mr. Chatry can provide one.***

3. Discussion of beach sample grain analysis information that has been previously submitted to your company. ***Gordon Thomson discussed the analysis of the latest sand samples. He also stated the need for WMI to do whatever it could to try and keep the silt content to 15% or below.***

4. Has your company updated the central contractor registry that expires on August 16, 2006? ***Yes. The registry has been updated and will now expire on 7-7-07.***

5. Need to discuss your June 5th sand fence deduct cost proposal, as the additional information still doesn't answer the Government questions. ***Additional information was given at today's meeting, this should answer all questions, and Jason Manthey will review it and respond at a later date. In accordance with Technical Provision 32 of the contract specifications information was provided at today's meeting concerning the equipment, sand fence materials and tie wire that will be used on this project.***

6. Discussion of the targeted marsh elevation. ***This was discussed and the government stated concerns about some of the pumped marsh elevation being too high. The government stressed the need for WMI to try to achieve the target marsh elevation. WMI is monitoring the settlement of the marsh and will start degrading some the high elevations tomorrow. The government will require degrading of the marsh elevation if the final elevation is higher than 2.8' NAVD.***

7. Review construction schedule dated July 7. ***The schedule was reviewed and discussed. Some of the items were explained and /or clarified by WMI. The mob was shown as being completed after the start of stripping, as it should have, as the pay requirement is for 5,000 cubic yards to be placed for mobilization to be deemed complete.***

8. The next meeting is schedule for July 25th and will be on site at 11:00 am. ***Tuesday***

9. Any additional questions or comments? ***Gordon stated his concern that some silt runoff was showing up at Sta. 63+00 in the sand fill template where the dredge stopped pumping in that direction. Gary stated that this was to be expected and that whenever the better sand and the Bulldozers get there it will be displaced with more suitable material. Gary stated that he may have to add additional marsh material within the W canal. He will take a marsh buggy up the center of it to determine the elevation. Gary estimated that he has placed 400,000 cubic yards of marsh material between CG1 and CG11 but was expecting to have to place a total of approximately 500,000 cys total in this reach.***

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 25
Minutes

Date: Tuesday, July 25, 2006

Time: 11:00 AM

Location: On Site

Attendees: Jason Manthey, NOAA
Jonathan Rager, CPE
Andrew Wycklendt, CPE
Gary Johnson, WMI
Gordon Thomson, CPE
Rachel Sweeney, NOAA
Barry Richard, DNR

1. Status on revised daily contractor quality control reports dated July 11th, 12th and 13th. ***They were sent but apparently not received. WMI sent them again yesterday.***

2. Status on your company providing a cost proposal for the revised drawings dated May 24th? ***Chuck Broussard is now handling the matter. Gary Johnson will provide updates as they are received. The Government indicated that it cannot guarantee that the cost proposal will be processed if it is not received in early August.***

3. Discussion and review of pay application number six. ***WMI will not be submitting the pay application at the end of this month. It will be submitted sometime during the second week of August. We will discuss the pay items at the next bi-weekly meeting.***

4. The Government is concerned that there could be delays in the project schedule due to equipment breakdowns and lack of equipment operators. ***WMI stated that we have enough equipment operators and we do not for see any delays as a result of equipment breakdowns. There is sufficient other work to be performed, such as borrow area stripping, that mechanical problems on the beach will not delay progress.***

5. Was your company able to get any more information in regards to the June 5th sand fence deduct cost proposal***? This subject was discussed and both the Government and WMI will review the only matter in question, which is "the***

number of fence posts required to install 27,390 linear feet of fence". We should be able to decide the number of posts needed sometime this week and adjust the cost proposal if needed.

6. Discussion about the horizontal dredging limits. ***Gordon expressed his concerns about the dredge swinging outside of the borrow area. Gary Johnson stated that the positioning equipment was not perfect and it had a tolerance of probably +/- 10 feet. Also the moving of the dredge location and the moving of the swing anchors sometimes showed the cutter to be outside the limits.***

7. Status on revised construction schedule***. It was reviewed. Jason suggested that WMI add a line item that would show the total contract time allowed including demobilization of all equipment. The sand fencing schedule will also be moved up at least until after the next bi-weekly meeting.***

8. The next meeting is schedule for August 10th and will be on site at 11:00 am. ***Thursday.***

9. Any additional questions or comments? ***The information submitted at the last bi-weekly meeting concerning the fence materials, tie wires, and equipment to be used to install the fence, was approved.***

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 26
Minutes

Date: Thursday, August 10, 2006

Time: 11:00 AM

Location: On Site

Attendees: Andrew Wycklendt, CPE
Gary Johnson, WMI
Gordon Thomson, CPE
Rachel Sweeney, NOAA
Charlie Granger, WMI
Steve Chatry, WMI
Paul Stewart, WMI
Nate Johnson, WMI
Jerry Carroll, LDNR
Keith Lovell, LDNR
Russ Juffrion, LDNR

1. Status on the revised daily contractor quality control report for the Tom James dated July 30th? ***Resubmitted on 8-9-06.***

2. Status on the missing daily contractor quality control report for the Tom James dated July 13th***? There seems to be some confusion on if the report needed is for the 12th or the 13th? We will check on it and resubmit today if needed.***

3. Status on the revised daily contractor quality control reports for July 23rd, 25th and 26th? ***Resubmitted on 8-9-06.***

4. The Government is in receipt of your August 2nd cost proposal letter based on the revised contract drawings dated May 24th and is currently being reviewed. ***Acknowledged.***

5. What is the status on pay application number six? ***WMI will be submitting a pay application for 2 items. One item for beach/dune quantities and one for settlement plate placement. The application will be submitted as soon as the surveys are taken and accepted. Surveys will be taken starting today.***

6. What is the status on RFI Number 11-Pass La Mer that was mentioned in the August 4th contractor quality control report? ***RFI Number 11 was submitted on 8-9-06. The Government is working on the response.***

7. The COTR has made the recommendation to the Contracting Officer for the approval of the sand fencing deduct cost proposal that was recently submitted by your company. It should be noted that this deduct cost proposal is currently being reviewed by the CO. ***Acknowledged. The Government agreed that the number of fence posts to use would be 2800.***

8. Discussion on construction schedule dated August 4th? ***WMI has no major changes to make to the schedule.***

9. The next meeting is schedule for August 24th and will be on site at 11:00 am. ***Thursday.***

10. Any additional questions or comments? ***WMI requested additional information on the location (x,y coordinates) of the sand fence. C P & E will provide it. The government has received written notice of the Louisiana Registered Land Surveyor that WMI will be using to certify all future surveys used for pay applications.***

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 27
Minutes

Date: Thursday, August 24, 2006

Time: 11:00 AM

Location: On Site

Attendees: Andrew Wycklendt, CPE
Gary Johnson, WMI
Gordon Thomson, CPE
Jason Manthey, NOAA
Catherine Moran, CPE
Brian Kendrick, KE
Barry Richard, DNR

1. Status on the revised daily contractor quality control report for the Tom James dated July 30th? ***Done.***

2. Status on the revised daily contractor quality control reports for July 23rd, 25th and 26th, August 12th and 17th? ***The reports were resent.***

3. The Government is in receipt of your August 2nd cost proposal letter based on the revised contract drawings dated May 24th and is currently being reviewed. It should be noted that the Contracting Officer will soon be sending your company questions that the Government has in regards to this cost proposal. ***WMI is in receipt of the Governments questions. Jason highlighted that the response is due by August 29. Gary said that the main office has not contacted him as yet for any additional information.***

4. What is the status on acceptance survey data submittals for the beach and marsh? ***WMI should receive certified survey data today, and if so WMI will forward it to CPE & the Government by today or tomorrow at the latest. WMI will be submitting surveys from 5+00 thru 38+88. WMI will e-mail the data and follow up by Fed-Ex with the original copies.***

5. Due to the fact that the Government fiscal year ends September 30, the CO is required to register "Accruals" that are ongoing with all construction contracts. For your information an "Accrual" is any labor or construction effort expended by Contractors at the end of the Fiscal Year (FY06) that won't be billed/paid out until the following Fiscal Year (FY07). Therefore, could your company provide

me with your estimate of what your September invoice might be? ***WMI will start on this request tomorrow.***

6. The CO is working on the sand fencing deduct cost proposal and will soon be issuing a contract modification deducting this from the construction contract***.*** ***WMI is in receipt of the Governments Modification #5.***

7. Discussion of Technical Provision 35. Pre-Construction and As-Built Surveys-Beach and Dune Sub-Paragraph 35.2 Profile Line Azimuths spacing requirements for the data points. ***This was discussed and WMI will comply with the 20foot spacing requirements. Data for Sta 12+00 was missing but WMI will collect this data.***

8. Status on an updated construction schedule? It should be noted that the one sent out on August 21st is dated August 11th. ***The schedule was sent but evidently not received.***

9. The next meeting is schedule for September 7th and will be on site at 11:00 am.

10. Any additional questions or comments? ***Field Adjustment Report #5 was signed and submitted at today's meeting.***
The marsh elevations were discussed and WMI stated that no surveys will be submitted until the high spots have been degraded to within tolerances.
Any revisions to daily reports will now be submitted separately.
The borrow area quantities were discussed and WMI stated that we estimate approximately 2.08 mcys of available beach fill material remain. WMI is not certain that this will be enough to complete the job. WMI will continue to monitor the pit to fill ratios and discuss this subject at the next bi-weekly meeting.
The sand fencing was discussed and WMI stated that all sand fencing materials were on the jobsite and that the subcontractor was available to begin work as soon as allowed.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 28
Minutes

Date: Thursday, September 7, 2006

Time: 12:00 PM

Location: On Site

Attendees: Andrew Wycklendt, CPE
Gary Johnson, WMI
Gordon Thomson, CPE
Rachel Sweeney, NOAA
Catherine Moran, CPE
Barry Richard, DNR
Chuck Broussard, WMI
Paul Stewart, WMI
Andrew MacInnes, PPG
Some visitors,

1. Status on the revised daily contractor quality control reports for August 23rd, 28th, 29th, 30th, 31st and September 1st? ***The 23rd & 28th were sent this week; there are no errors on the 29th, 30th, 31st, and 1st. Gary hadn't received confirmation that Jason had received the revised drawings.***

2. Status on the revised pay volumes for the recently submitted beach submittal? ***They have been submitted and approved by Gordon Thomson. The pay volumes are for beach fill volumes from Sta 5+00 to 38+88. Pay surveys have been collected up to Sta 53+00 but these have not yet been submitted to the Government. Fenstermaker is reviewing the data.***

3. The Government is in receipt of your August 28th letter that contains the revised cost proposal and the answers to the Government questions. The Government is currently reviewing these questions and revised cost proposal. ***Gordon Thomson is currently reviewing the proposal.***

4. Review and discussion of the method in tying the fence to the fence posts. ***This was reviewed in the field with the fence subcontractor. A field adjustment report will be issued. In general, the overlap section is per specification. The number of ties at the end post will be reduced as the top and bottom ties are redundant. The Government will review gap between the sand fence lines.***

5. Review and discussion of the September 1st construction schedule. ***The schedule was reviewed and discussed. Several items need to be adjusted to reflect current***

progress. The schedule will be updated tomorrow and submitted. A hold point inspection for beach/dune alignment on the East end was rescheduled for September 21. WMI needs to send the Government written notification.

6. The next meeting is schedule for September 21st and will be on site at 11:00 am.

7. Any additional questions or comments? ***The estimated amount of available beach/dune fill material in the borrow area was discussed. WMI estimates that approximately 1.486 mcys are available at the original project depths. WMI also estimates that approximately 1.8 mcys gross (0.9 mcys net to complete original bid amount) will be needed to complete the beach/dune quantity if the current pit to fill ratio stays at approximately 2 to 1.***

   The East end of the project was discussed. WMI voiced concerns that the runoff would fill in the pass if something weren't done to prevent it. Rachel stated that we would discuss this further as time went on and that something could be done to prevent it if needed.

   The marsh surveys were discussed. WMI stated that the marsh high areas have not been degraded yet and no surveys have been submitted yet.

   Gordon discussed the offshore hydrographic surveys outside of the pay areas and it looked as if they were not tying in very well. WMI will review the data and try to resolve it.

   Gordon asked about the radius of dredging around the riser. Paul Stewart stated that the radius of dredging around the riser was approximately 1,000 feet. Gordon requested that the Government be informed prior to WMI moving the riser.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 29
Minutes

Date: Thursday, September 21, 2006

Time: 1:00 PM

Location: On Site

Attendees: Andrew Wycklendt, CPE
Gary Johnson, WMI
Gordon Thomson, CPE
Rachel Sweeney, NOAA
Catherine Moran, CPE
Barry Richard, DNR
Brian Kendrick, BKE
Gregory Grandy , DNR
Jason Manthey, NOAA
Will Norman, DNR

1. Status on the pay volumes for the beach and marsh? ***WMI is currently performing final surveys for the Beach/Dune from Station 40+00 thru Station 67+91. The end of the day or tomorrow at the latest should complete these surveys.***

2. Status on the elevation for the new marsh that has been recently pumped***? WMI stated that in this marsh area the existing marsh bottom floated up and was displaced by the pumped overburden material. The marsh is presently on top of the pumped material and a lot of it is above grade. It is slowly settling. WMI only pumped in this area intermittently in daytime hours and the area swelled up before the estimated required quantity was achieved. WMI tried to degrade the high areas with marsh buggies but only caused more marsh to float up. Brian Kendrick stated that he has seen this happen before on previous projects. The previously pumped marsh between CG-1 and CG-12 should be dressed, surveyed, and submitted this month. WMI was currently grading the marsh fill with bulldozers.***

3. Dredging radius around the riser? ***WMI stated that the radius around the riser was equal to the length of the floating rubber pipeline, which is approximately 1600 feet. It was also stated that approximately 2 sections of subline were not being utilized at the present time and the sections of subline were approximately 750 feet long each. These sections may be replaced Monday or Tuesday when the subline was moved to access full under its current location.***

4. Discussion of technical provision paragraph 29.4-Cooperation with Public Utilities, Oil Companies, and Gas Companies. ***WMI stated that they were cooperating with the local pipeline owners. WMI has volunteered to assist in the removal / relocation of a riser pipe located in the fill area and owned by Hunt Oil Co. and has recently coordinated the locating and marking of 5 different pipelines located in the eastern end of the work area, including a 24" high pressure gas pipeline owned by Tennessee Gas. The lines were located and marked by T. Baker Smith engineering firm this past week. WMI confirmed this with the magnetometer but the magnetometer is not as accurate as the surveyors, who probe down to also determine the elevation.***

5. Review and discussion of the September 15th construction schedule. ***The schedule shows a Hold Point Inspection for Beach/Dune alignment for today. The inspection was performed as scheduled.***

6. The next meeting is schedule for October 5th and will be on site at 11:00 am.

7. Any additional questions or comments?
   Gordon Thomson stated the results of recent sand sample testing. He will forward the written results to WMI.
   Andy Wycklendt stated his concerns about recent boat issues. WMI suggested that CPE furnish their observers with marine radios to use in the event of any boat problems. Cell phones are not very reliable at this location. WMI will continue to make sure that a boat is always available. CPE observers will also notify WMI whenever they are leaving in one of the boats.
   Rachel Sweeney requested an update of Beach/Dune quantities in place and available Borrow Area quantities remaining.
   WMI stated that the Beach/Dune is complete to Station 70+00 (918,227cy) and 50% complete from 70+00 thru 90+00 (118,000 cy). The estimated remaining material needed to complete the original bid amount is approximately 755,973 cys (1,792,200 - 918,227 - 118,000). With the increase in estimated quantities after the redesign, the estimated quantity is now approximately 927,882 cys needed in place on the beach to complete the template from Station 70+00 thru Station 150+00. Based on the current pit to fill ratio of +/- 2 to 1, the amount of borrow area material needed will be approximately 1,885,764 cys. At the present time WMI estimates that only 1,331,415 cys of sand fill material remain in the borrow area. Based on these numbers there will not be enough material to complete the Beach/Dune construction as it is currently designed.
   Rachel Sweeney also requested additional information on cut #6 in the borrow area. WMI will check on it and respond.
   Jason asked about the status of field adjustment reports GGT-05-Rev1 and GGT-06. Gary said that he had mailed these but has the originals. These were provided to Jason.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 30
Minutes

Date: Thursday, October 5, 2006

Time: 11:00 AM

Location: On Site

Attendees: Andrew Wycklendt, CPE
Gary Johnson, WMI
Gordon Thomson, CPE
Rachel Sweeney, NOAA
Catherine Moran, CPE
Barry Richard, DNR

1. Status on the pay volumes for the beach and marsh? ***Sta 40+00 thru Sta 67+91 have been submitted to CPE and we are working on finalizing the differences in pay volume calculations and some errors in design templates. Sta 68+00 thru Sta 93+00 is in the process of being dressed and shaped for final pay cross sections as is the marsh sections from Sta 53+40 thru Sta 77+60.***

2. Discussion of the slope differences at station 42+00, 43+72 and 45+00. ***These differences have been corrected.***

3. Status on the elevation for the new marsh that has been recently pumped? ***This area was spot checked this morning and found to have settled to within the tolerances. Final cross sections will be taken soon. The marsh volumes from Sta 7+42 thru Sta 53+40 were discussed and WMI will re-compute the pay volumes to include the back dike as marsh fill material.***

4. Update on the revised contract drawings based on the revised slope adjustment. ***CPE will provide new slope data today (Station & Ranges) from 84+00 to 14+535, gulf side only. The revised slope adjustment was discussed, WMI stated that it was having difficulty filling up the entire template under water and asked for compensating slopes, the government stated that compensating slopes would be allowable below the +1.0 elevation.***

5. Review and discussion of the September 29th construction schedule. ***WMI is currently working on answering the request for proposal for work on the revised project quantities. This proposal will include a request for additional contract time to do the extra work. A new schedule will be made to reflect the time extension***

6. The next meeting is schedule for October 19th and will be on site at 11:00 am.

7. Any additional questions or comments? ***Gordon Thomson stressed the need to make sure the next breach in the island, Station 107+00 thru 111+00, gets filled with sand and not marsh fill. WMI will build a cross dike to separate the two before any fill reaches that area. Field Adjustment No: GGT-007 was discussed. WMI has signed and forwarded it Jason Manthey.***

   The marsh elevations for the new section of marsh were discussed. Gary said that the elevations were within tolerance except for a 200 to 300-foot section around the outfall. Gary said that WMI was going to survey it prior to walking on it with a marsh buggy. Gary said that he would prefer not to walk on the marsh as it pops up the existing marsh mats. Rachel agreed that she would prefer to minimize the equipment crossing the marsh.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 31
Minutes

Date: Thursday, October 19, 2006

Time: 11:00 AM

Location: On Site

Attendees: Andrew Wycklendt, CPE
Paul Stewart, WMI
Rachel Sweeney, NOAA
Catherine Moran, CPE
Barry Richard, DNR

1. Status on the pay volumes for the beach and marsh? ***Waiting on Gordon Thomson to approve marsh volumes. Paul stated that the beach has been surveyed to Station 77+00 and is ready to be surveyed to Station 100+00.***

2. What is the status on pay application number seven? ***Pay application number seven ready to send, when Gordon Thomson gives final marsh volume. WMI and the Government need to resolve marsh pay volume inconsistencies.***

3. Status on Field Adjustment Report Number GGT-007? ***Has been signed.***

4. Discussion of the potential dike gapping locations. ***Discussed using the marsh backhoe for final gapping in dikes, should not be a problem when NOAA decides on final locations. Rachel stated that the marsh sections need to be accepted prior to gapping the dikes. Paul said that disposal areas should not be needed as the primary dike material is soft. Paul stated that a bulldozer or marsh buggy should be able to create gaps without excavating by pressing down on the soft material.***

5. Discussion of videographers that will visit the site on October 23rd. ***Rachel asked if Weeks would like to have someone present from the main office on site , Weeks will check with main office and get back with Rachel. Mule accessibility and possible helicopter landing locations were aslo discussed.***

6. Review and discussion of the October 10th construction schedule. ***Rachel said she knew Weeks could not give accurate schedule until new completion date is given.***

7. The next meeting is schedule for November 2nd and will be on site at 11:00 am.

8. Any additional questions or comments? ***The east end of the project was discussed. Paul stated that he doesn't see how the material will stay in the beach template. Rachel said that if a problem is anticipated WMI needs to address the issue formerly by submitting an RFI to the Government.***

   The previous dewatering area between Station 96+96 and Station 124+40 was discussed. Rachel stated that she does not want a marsh buggy tracking through or making cuts in this area as it is presently good marsh with an elevation close to the marsh design elevation. Rachel said that the Government will discuss the minimum fill tolerance in this area and will follow-up with WMI.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 32
Minutes

Date: Thursday, November 2, 2006

Time: 12:00 Noon

Location: On Site

Attendees: Andrew Wycklendt, CPE
Gary Johnson, WMI
Gordon Thomson, CPE
Rachel Sweeney, NOAA
Catherine Moran, CPE
Barry Richard, DNR
Jason Manthey, NOAA
Julie Rosati, USACE-CHL
Scott Mahler, WMI
Tom Campbell, CPE

1. Status of work completed to date:

   a. Beach and dune fill: ***The beach is 100% complete to Sta. 100+00, and 50% complete from Sta. 100+00 to Sta. 126+00.***

   b. Marsh fill***: The marsh fill is complete to Sta. 124+00.***

   c. Remaining sand volume in borrow area: ***The estimated sand volume remaining as of today is 686,887 cys. Areas I & J have approximately 85,000 cys that is poor material and may not be useable. Approximately 1,438,000 cys of material have been placed within the beach/dune pay template to date.***

   d. Sand fencing***: As of today 9,798 LF of sand fence has been installed up to Sta. 67+91. The fence contractor is ready to install fence up to Sta. 96+96 whenever he gets approval to do so.***

2. Status on the post-construction surveys and pay volumes for the beach and marsh? ***Beach: Final surveys have been taken from Sta. 68+00 to Sta. 96+96 and are being reviewed by CPE. A survey submittal with volumes and plots were given to CPE today. Marsh: Marsh surveys have been taken from Sta. 53+40 to Sta. 75+18, the survey data was included in today's submittal to CPE.***

3. Status of pay application number eight. ***Pay application number eight is ready for submittal as soon as CPE & WMI can work out the volumes.***

4. Discussion regarding potential dike gapping. ***WMI will install temporary rainwater drainpipes at the approved locations using geo-textile material as a silt barrier. Silt curtain has been loaded on the barge and will be arriving in about one week. This will be placed around the discharge pipe when it arrives.***

   Further discussions will be held at a later time to discuss any permanent dike gapping. The government will issue a Field Adjustment if needed.

5. Review and discussion of the construction schedule. ***No changes in the schedule at this time. WMI has requested additional contract time as part of the additional fill negotiations and for weather delays (approximately 6 days to date)***

6. The next meeting is schedule for November 16 and will be on site at 11:00 am.

7. Any additional questions or comments? ***The Government and CPE asked for minutes of the last bi-weekly meeting. WMI will find and distribute the minutes. The marsh surveys were discussed and CPE will let WMI know if any additional data is needed.***

   Gary estimated the current pit to fill ratio at 1.5:1. Jason asked why WMI had not requested the slope adjustment sooner and Gary responded that WMI was hoping that the pit to fill ratio would improve.

   Gary said that there was potentially no place to pump the overburden. He said that the sidecast material was filling more volume than was initially dredged.

   Gary asked about the status of the change order for the additional volume. Jason stated that Pam was working on this.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 33
Minutes

Date: Thursday, November 16, 2006

Time: 1:00 PM

Location: On Site

Attendees: Andrew Wycklendt, CPE
Paul Stewart, WMI
Rachel Sweeney, NOAA
Barry Richard, DNR
Gary Johnson, WMI
Steve Chatry, WMI
Frank Gill, WMI
Scott Mahler, WMI
Gordon Thomson, CPE
Neil Wood, CPE
Eric Zobrist, NOAA

1. Status of revising Daily QC reports and DDRs (9/10, 10/9, 10/12, 10/19, 10/20, 10/22, 10/25, 10/26, 10/28, 10/29, 11/1, 11/2, 11/3, 11/4, 11/5, 11/6, 11/7, 11/8 and 11/9). ***All but the last three listed were e-mailed, evidently some people did not receive them, they will be resent today.***

2. Status of work completed to date:

   a. Beach and dune fill
      1. Status on additional off shore data for station 84+00 through station 96+96. ***These surveys were taken last week and will be submitted today or tomorrow as soon as Gary Johnson reviews them. Approximately 1,535,000 cys have been placed within the pay template to date. The dune is complete to Sta. 100+00 and partially complete to Sta. 127+50. Approximately 300,000 more cys need to be placed to complete the dune from Sta. 100+00 thru the Easterly limits. This volume includes the additional 93,000cy of the redesign.***

   b. Marsh fill
      1. Status on providing the data for the missing gaps. ***The survey was performed last week with an airboat, and will be submitted to CPE today. The next section of marsh fill is ready for surveys.***

c. Remaining sand volume in borrow area. ***The latest estimate of sand remaining is approximately 485,000 cys within the original borrow area depths. WMI provided a plot of the sections of the borrow that have been dredged already and the volume remaining in various sections. WMI indicated that they are not planning to dredge certain sections of the borrow area due to the quality or thickness of sand.***

d. Sand fencing. ***The subcontractor has now completed installation of the sand fence thru Sta. 96+96.***

3. Status on the post-construction surveys and pay volumes for the beach and marsh? ***Beach sections have been submitted and approved for payment thru Sta. 96+96. Additional beach surveys that extended 250 feet offshore were submitted to CPE.***

   Marsh surveys will be resubmitted today with the gaps included thru Sta. 75+18. The next section of marsh fill is ready for surveys weather permitting.

4. Review and discussion of east end infrastructure and construction implications. ***Rachel Sweeney discussed the continuing need to be very cautious while working near the many oil infrastructure pipelines and structures, especially on the East end of the project.***

5. Discussion of revised construction drawings for STA 130+84 to 140+51**.** ***The drawings were reviewed on Gordon's computer and explained by Gordon Thomson. All revisions should be complete by tomorrow and given to WMI.***

6. Review and discussion of the construction schedule. ***The schedule has not changed. It will be revised as soon as the Modification goes through. Rachel requested a review of weather days at the next bi-weekly meeting.***

7. Status on meeting minute notes for the October 19, 2006 meeting**.** ***Paul Stewart sent them out this morning.***

8. Status on the as-built drawings. ***The Beach and marsh final surveys will be the as-builts for those two items. The jobsite plans will be updated to show the dates and locations of the completed sand fencing and the dates and locations of the completed marsh fill areas.***

9. The next meeting is schedule for November 30 and will be on site at 1:00 pm. Gary Johnson will not be available for this meeting.

10. Any additional questions or comments? ***The lost time due to weather delays (specifically half days) was discussed and will be further discussed at the next meeting. WMI discussed the draining of water from the last section of marsh fill. WMI asked to let some it drain into the Gulf, this will be allowed since there are no oyster leases in the area.***

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 34
Agenda

Date: Thursday, November 30, 2006

Time: Scheduled for 11:00 AM

Location: On Site

Attendees: Jason Manthey, NOAA
Rachel Sweeney, NOAA
Barry Richard, DNR
Gordon Thomson, CPE
Neil Wood, CPE
Brian Kendrick, KE
Paul Stewart, WMI
Scott Mahler, WMI

1. Status of missing DDR (10/14)? ***E-mailed on 11/29/06***

2. Status of work completed to date:

    a. Beach and dune fill: ***Grade to 103+00, dike to 135+00.***

    b. Marsh fill
        1. Marsh fill at line 55+82**.** ***Reviewed cross-section, NOAA will accept as is.***

        2. ***Fenstermaker to survey marsh 12/1 sta. 96+96 to 124+40, next cell 126+00 to 140+51 will be ready for final survey on 12/21.***

    c. Remaining sand volume in borrow area*: 200,000+/- yards*

    d. Sand fencing: ***Completed to 96+96, WMI will provide excel file for as built.***

3. Status on the post-construction surveys and pay volumes for the beach and marsh? ***No new surveys taken on beach, marsh done to 94+54, giving Gordon CD this day on marsh 77+60 to 94+54.***

4. Review and discussion of the construction schedule.

5. Status on the as-built drawings.
Weeks will add sand fence to drawings and be up to date.

6. The next meeting is schedule for December 14th and will be on site at 11:00 am.

7. Any additional questions or comments?
   Check access to fire extinguisher on fuel tank. NOAA stated Weeks should write a letter to COR about running out of sand in the current borrow area.

   A total of 10 weather days have been recorded so far.

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Bi-Weekly Progress Meeting Number 35
Minutes

Date: Thursday, December 14, 2006

Time: 12:00 Noon

Location: On Site

Attendees: Andrew Wycklendt, CPE
Paul Stewart, WMI
Rachel Sweeney, NOAA
Barry Richard, DNR
Gary Johnson, WMI
Scott Mahler, WMI
Gordon Thomson, CPE
Patrick Williams, NOAA
Jason Manthey, NOAA

1. Status on the correction of the following Daily Quality Control Reports 11/29-QC, 11/30-QC, 12/1-QC and 12/2-QC that contain errors? ***Corrected and submitted for review on 12-12-06.***

2. Status on the missing Daily Quality Control Reports for 12/3? ***Corrected and submitted for review on 12-12-06***

3. Status on the XYZ data for 12/1 that could not be opened? ***Corrected and submitted for review on 12-12-06***

4. Status of work completed to date:

    a. Beach and dune fill: ***Beach and Dune pumping completed, Performing final shaping and grading from 106+60 thru 145+35.***

    b. Marsh fill: ***Marsh pumping completed, last section is in settling stage, it is scheduled to be surveyed Dec. 20th, (Sta. 124+40 thru 140+00).***

    c. Sand fencing: ***Completed to Sta. 96+96, waiting on beach acceptance to continue. Additional fence location changes were established in the field today at both the East and West ends of the project, WMI survey crews will record the x,y locations of the changes and make sure that the LF quantity does not exceed the bid quantity. Submitted x,y, coordinates of completed sand fence today as requested. It was decided that two rows of fence would be installed thru Sta. 140+51 as planned and only one row from 140+51 thru 150+19.***

5. Status on the post-construction surveys and pay volumes for the beach and marsh? ***The Beach surveys have been submitted and accepted thru Sta. 96+96, We are currently surveying the remainder of the Beach from Sta. 98+00 thru Sta. 145+35, this reach is scheduled to be completed by Monday afternoon Dec. 18th and submitted for approval as soon as possible. The Marsh surveys from Sta. 77+60 thru Sta. 124+40 were submitted today at this meeting. WMI also submitted some missing hard copies of the marsh survey from Sta. 53+40 thru Sta.77+60. The next pay application will be for November and will include marsh, fence and canal closures.***

6. Project closeout requirements. ***Discussed the required 14 day notice for final inspection, the updated project drawings, condition surveys on the oil infrastructure canal and Robinson Canal, and the Post Borrow Area Surveys.***

7. Status on the bi-weekly meeting agenda notes for the November 30 meeting? ***Sent on Dec.12, 2006.***

8. Tentatively the next meeting is schedule for January 4, 2007 and will be on site at 11:00 am.

9. Any additional questions or comments? ***Field Adjustment Number JLM-009 was signed and submitted at today's meeting.***

Dredging for the Construction of Chaland Headland Restoration Project
WC133F-05-CN-1279
Final Inspection Meeting Minutes

Date: Wednesday, January 10, 2007

Time: 12:00 Noon

Location: On Site

Attendees: Andrew Wycklendt, CPE
Rachel Sweeney, NOAA
Barry Richard, DNR
Gary Johnson, WMI
Jason Manthey, NOAA

1. On site inspection (Construction punch list)
   a. Fill: ***Completed.***
   b. Sand Fencing: ***Minor deficiencies, a punch list will be given to WMI.***
   c. Signage: ***Nothing noted.***
   d. Debris and Cleanup: ***Minor deficiencies, a punch list will be given to WMI.***

2. Outstanding submittals:
   a. Beach Survey data 98+00 – 145+77: ***Data has been corrected and is ready to submit, waiting on certification from Fenstermaker & Assoc.***
   b. Borrow Area AD survey: ***Completed and submitted.***
   c. As-builts: ***Completed, WMI will submit to Government.***
   d. Government requested as built fence x,y's in electronic format: ***WMI will submit the data.***
   e. Government requested copy of WMI's pre-construction survey of the borrow area and a C/L profile survey of the OIAC and Robinson Canal: ***WMI will submit the data.***

3. Outstanding issues:
   a. Borrow Area – adjacent elevations***: The areas in and around the borrow area that have elevations above the pre-construction elevation will be resurveyed in 60 days and submitted to Government. A notice to mariners will be issued for the area.***

4. Other issues: Government requested CAD drawings of Dredge cut history. ***WMI will provide them if we can convert our data to CAD.dwg.***
   WMI requested one pay application be submitted to cover all remaining outstanding pay items. ***Government agreed.***
   NOAA & CPE will compile the punch list and email it to WMI. ***WMI stated that all work is expected to be finished by next Thursday 1-18-07.***

APPENDIX L

SURVEY CERTIFICATIONS

I, KEITH J. ROBERTS, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF LOUISIANA, DO HEREBY CERTIFY THAT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TO BE CORRECT AND COMPLETE. THIS SURVEY WAS PERFORMED UNDER MY SUPERVISION AT STANDARDS THAT MEET OR EXCEED THE MINIMUM PROCEDURES AND STANDARDS ESTABLISHED BY THE USACE MINIMUM ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

Keith J. Roberts, PLS #4780 — 08/24/2006 Date

STATE OF LOUISIANA
KEITH J. ROBERTS
REG. No. 4780
REGISTERED PROFESSIONAL
LAND SURVEYOR

I, KEITH J. ROBERTS, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF LOUISIANA, DO HEREBY CERTIFY THAT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TO BE CORRECT AND COMPLETE. THIS SURVEY WAS PERFORMED UNDER MY SUPERVISION AT STANDARDS THAT MEET OR EXCEED THE MINIMUM PROCEDURES AND STANDARDS ESTABLISHED BY THE USACE MINIMUM ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS FOR NAVAGATION AND DREDGING SUPPORT SURVEYS.

KEITH J. ROBERTS, PLS # 4780 — DATE 9/20/06

STATE OF LOUISIANA
KEITH J. ROBERTS
REG. No. 4780
REGISTERED
PROFESSIONAL
LAND SURVEYOR

I, KEITH J. ROBERTS, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF LOUISIANA, DO HEREBY CERTIFY THAT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TO BE CORRECT AND COMPLETE. THIS SURVEY WAS PERFORMED UNDER MY SUPERVISION AT STANDARDS THAT MEET OR EXCEED THE MINIMUM PROCEDURES AND STANDARDS ESTABLISHED BY THE USACE MINIMUM ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS FOR NAVAGATION AND DREDGING SUPPORT SURVEYS.

KEITH J. ROBERTS, PLS # 4780 — DATE 9/20/06

STATE OF LOUISIANA
KEITH J. ROBERTS
REG. No. 4780
REGISTERED
PROFESSIONAL
LAND SURVEYOR

I, KEITH J. ROBERTS, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF LOUISIANA, DO HEREBY STATE THAT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TO BE CORRECT AND COMPLETE. THIS SURVEY WAS PERFORMED UNDER MY SUPERVISION AT STANDARDS THAT MEET OR EXCEED THE MINIMUM PROCEDURES AND STANDARDS ESTABLISHED BY THE USACE MINIMUM ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

Keith J. Roberts — 10/31/06

KEITH J. ROBERTS, PLS # 4780 — DATE

24 October, 2006

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297406.02	3782682.96	-4.35
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297378.62	3782679.66	-4.40
297365.49	3782677.75	-4.04
297352.86	3782673.71	-3.69
297341.13	3782675.56	-3.39
297328.03	3782673.29	-3.32
297315.39	3782671.51	-3.47
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297271.48	3782666.80	-4.49
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297171.03	3783057.08	-5.39	8899
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297276.73	3783071.75	-3.48	8901
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297302.70	3783075.57	-3.13	8902
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297405.44	3783087.11	-4.12	8900

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297376.58	3783183.27	0.35	8999
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297337.36	3783178.28	2.10	8999
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297302.81	3783173.72	3.07	8999
297285.72	3783172.28	2.99	9000
297267.94	3783170.69	2.84	9000
297250.98	3783168.22	2.51	9000
297235.92	3783165.83	2.08	8999
297220.57	3783163.05	1.72	8998
297203.92	3783162.34	1.30	9000
297189.49	3783160.18	1.09	8999
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297151.80	3783155.74	0.51	9000
297131.96	3783153.08	0.40	8999
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297094.16	3783148.19	0.15	8999
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297147.04	3783255.94	0.66	9100
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297190.65	3783262.07	1.40	9100
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297336.87	3783279.78	2.12	9100
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297379.15	3783285.21	2.30	9100
297394.44	3783287.00	2.68	9100
297408.59	3783288.50	3.21	9100
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297717.12	3782116.96	0.60	7899
297695.00	3782114.38	0.40	7900
297678.04	3782113.15	0.27	7901
297660.70	3782110.67	0.22	7900
297643.24	3782108.80	-0.04	7901
297625.91	3782106.24	0.08	7900
297609.50	3782104.13	0.21	7900
297591.09	3782101.91	-0.38	7900
297575.27	3782099.97	-0.54	7900
297561.20	3782097.94	-0.84	7899
297547.40	3782096.54	-1.11	7900
297531.48	3782094.52	-1.45	7900
297516.66	3782092.80	-1.78	7900
297503.12	3782091.44	-2.13	7900
297486.93	3782089.63	-2.46	7901
297471.69	3782087.00	-2.70	7900
297458.38	3782085.69	-2.91	7900
297443.59	3782083.37	-2.96	7900
297429.06	3782082.13	-2.95	7900
297319.50	3782169.54	-2.22	8000

297332.87	3782171.19	-2.04	8001
297347.34	3782173.42	-1.84	8001
297360.38	3782174.85	-1.72	8001
297374.22	3782176.64	-2.09	8001
297388.54	3782178.00	-2.52	8000
297401.98	3782179.57	-2.78	8000
297415.23	3782181.81	-2.92	8001
297415.26	3782181.76	-2.88	8001
297428.37	3782183.36	-2.90	8001
297440.90	3782184.60	-2.92	8001
297452.48	3782186.02	-2.83	8000
297464.24	3782187.75	-2.69	8001
297477.47	3782189.10	-2.59	8001
297491.47	3782190.85	-2.31	8000
297505.47	3782192.80	-1.89	8001
297521.22	3782194.57	-1.40	8001
297536.24	3782196.31	-0.80	8000
297552.04	3782198.28	-0.55	8001
297568.06	3782200.40	-0.32	8001
297586.32	3782202.67	-0.11	8001
297603.54	3782204.97	0.06	8001
297620.99	3782206.83	0.09	8001
297637.57	3782209.07	0.20	8001
297653.53	3782211.02	0.03	8001
297670.03	3782212.92	0.21	8001
297685.82	3782214.36	0.32	8000
297699.89	3782216.74	0.20	8001
297711.62	3782217.89	0.63	8001
297726.82	3782218.95	0.94	8000
297740.38	3782221.17	1.24	8000
297747.51	3782221.79	1.86	8000
297761.56	3782223.73	1.61	8000
297777.02	3782225.46	1.58	8000
297792.83	3782227.47	1.58	8000
297809.05	3782229.67	1.73	8000
297825.19	3782231.61	1.81	8000
297840.92	3782233.70	1.95	8000
297857.87	3782235.64	1.98	8000
297874.34	3782237.99	2.26	8001
297889.91	3782240.10	2.53	8001
297905.39	3782242.05	2.65	8001
297921.11	3782244.03	2.74	8001
297936.05	3782245.93	2.88	8001
297951.54	3782247.68	3.11	8001
297967.27	3782249.67	3.52	8000
297982.77	3782251.45	3.96	8001
297998.96	3782253.60	4.31	8001
298015.48	3782255.05	4.45	8000
298030.09	3782257.17	4.68	8001
298001.58	3782253.47	4.32	8001
297983.36	3782251.37	3.99	8001
297967.40	3782249.51	3.54	8001
298018.60	3782256.17	4.46	8001
298033.51	3782257.82	4.70	8001
298048.90	3782259.52	4.96	8001
298063.80	3782261.42	5.43	8001
298068.73	3782262.31	5.82	8001
298057.34	3782360.69	6.01	8100
298042.64	3782358.85	5.56	8100
298030.13	3782357.71	5.23	8100

298017.42	3782356.16	4.92	8100
298004.34	3782354.42	4.80	8100
297992.09	3782352.99	4.67	8100
297980.57	3782351.38	4.30	8100
297967.09	3782349.79	3.98	8100
297954.61	3782348.32	3.64	8100
297941.68	3782346.75	3.31	8100
297929.38	3782345.13	3.04	8100
297917.26	3782343.50	2.90	8100
297905.10	3782342.12	2.74	8100
297892.65	3782340.83	2.62	8100
297879.86	3782338.71	2.46	8100
297867.67	3782337.29	2.36	8100
297855.31	3782335.72	2.21	8100
297842.23	3782334.52	2.04	8100
297829.33	3782332.28	1.90	8100
297817.46	3782331.47	1.76	8100
297804.91	3782329.56	1.75	8100
297792.43	3782328.21	1.66	8100
297779.40	3782326.63	1.66	8100
297767.60	3782325.20	1.58	8100
297755.62	3782323.54	1.42	8100
297751.50	3782322.87	1.69	8100
297739.67	3782321.90	1.95	8100
297729.10	3782320.51	1.08	8100
297717.35	3782319.25	0.72	8100
297706.07	3782317.66	0.53	8100
297693.95	3782316.10	0.39	8100
297681.49	3782314.68	0.23	8100
297668.90	3782313.12	0.06	8100
297655.22	3782311.57	0.37	8100
297644.06	3782309.73	0.40	8100
297632.86	3782308.70	0.40	8100
297621.11	3782307.60	0.33	8101
297609.94	3782305.76	0.18	8100
297597.49	3782304.78	0.05	8101
297585.85	3782302.84	-0.07	8100
297586.03	3782302.71	-0.09	8100
297574.28	3782301.08	-0.28	8100
297562.87	3782299.72	-0.42	8100
297550.45	3782298.66	-0.62	8100
297538.49	3782296.97	-0.92	8100
297525.60	3782295.50	-1.31	8100
297512.92	3782293.83	-1.68	8100
297500.67	3782292.80	-1.96	8101
297488.92	3782290.87	-2.20	8100
297475.93	3782289.42	-2.38	8100
297463.36	3782287.69	-2.50	8100
297453.71	3782286.59	-2.59	8100
297441.62	3782284.97	-2.58	8100
297428.96	3782283.39	-2.55	8100
297416.90	3782282.45	-2.57	8101
297404.44	3782280.53	-2.60	8100
297392.21	3782279.03	-2.72	8100
297381.26	3782277.59	-2.75	8100
297370.70	3782276.08	-2.70	8100
297357.69	3782274.25	-2.51	8100
297345.95	3782273.07	-2.24	8100
297333.39	3782272.29	-2.10	8101
297320.26	3782270.56	-2.24	8101

297308.00	3782268.56	-2.59	8100
297339.68	3782418.12	-2.76	8244
297352.78	3782419.75	-2.95	8245
297367.07	3782421.06	-3.29	8244
297380.61	3782422.55	-3.40	8244
297380.34	3782422.85	-3.42	8244
297392.53	3782424.47	-3.40	8244
297406.28	3782425.49	-3.27	8244
297418.29	3782427.33	-3.15	8244
297430.80	3782428.65	-2.96	8244
297442.73	3782430.30	-2.80	8244
297455.64	3782431.64	-2.57	8244
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297509.98	3782439.11	-1.66	8245
297520.72	3782440.14	-1.41	8244
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297546.49	3782442.88	-0.87	8244
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297586.71	3782447.94	-0.21	8244
297600.66	3782449.64	0.11	8244
297614.64	3782451.78	0.39	8244
297628.17	3782453.60	0.59	8245
297641.99	3782454.75	0.72	8244
297656.06	3782456.08	0.92	8244
297668.64	3782458.53	1.15	8244
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297693.39	3782461.16	0.96	8244
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297731.01	3782465.79	1.02	8244
297741.71	3782467.04	1.23	8244
297754.20	3782468.95	1.21	8244
297767.33	3782470.52	1.24	8244
297779.97	3782472.01	1.65	8244
297792.64	3782473.69	1.62	8244
297804.65	3782474.86	1.74	8244
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297828.01	3782477.87	2.25	8244
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297840.04	3782479.31	2.38	8244
297852.15	3782480.59	2.52	8244
297864.19	3782482.45	2.78	8245
297876.20	3782483.59	2.88	8244
297888.93	3782485.02	2.90	8244
297901.33	3782486.76	2.98	8245
297913.92	3782488.36	3.19	8244
297926.89	3782489.94	3.39	8244
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298002.19	3782499.45	5.00	8244
298013.78	3782500.70	5.11	8244
298013.82	3782500.66	5.15	8244
298025.80	3782501.84	5.41	8244

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298060.74	3782506.17	6.35	8244
298063.08	3782506.26	6.32	8244
298062.66	3782562.88	6.39	8300
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298046.95	3782561.72	6.08	8301
298031.68	3782559.54	5.59	8301
298020.30	3782558.12	5.28	8301
298006.87	3782556.76	5.08	8301
297994.17	3782555.13	5.07	8301
297977.86	3782553.19	4.98	8301
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297930.73	3782546.57	3.78	8300
297915.38	3782544.62	3.38	8300
297899.29	3782542.64	3.09	8300
297884.03	3782541.11	2.96	8300
297866.81	3782538.89	2.91	8300
297851.61	3782536.99	2.80	8300
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297819.77	3782532.06	2.37	8299
297804.60	3782530.86	1.97	8300
297789.15	3782529.62	1.38	8301
297773.73	3782527.80	1.45	8301
297757.67	3782525.92	1.41	8301
297740.96	3782523.35	1.27	8300
297725.24	3782521.54	1.19	8300
297709.35	3782519.53	0.95	8300
297692.96	3782517.45	1.08	8300
297676.81	3782515.83	0.84	8301
297658.11	3782513.23	1.01	8300
297641.68	3782511.24	0.69	8300
297626.07	3782509.30	0.55	8300
297609.18	3782507.44	0.24	8300
297592.07	3782505.27	-0.13	8300
297577.55	3782503.37	-0.40	8300
297562.04	3782501.36	-0.71	8300
297562.00	3782501.41	-0.67	8300
297547.18	3782499.56	-1.00	8300
297532.23	3782498.26	-1.35	8301
297517.89	3782496.27	-1.51	8301
297502.81	3782494.30	-1.91	8300
297488.64	3782492.50	-2.19	8300
297474.20	3782491.11	-2.52	8301
297462.35	3782489.91	-2.71	8301
297448.57	3782487.19	-2.94	8300
297435.60	3782485.89	-3.11	8300
297424.42	3782485.18	-3.18	8301
297411.53	3782482.77	-3.63	8300
297436.36	3782587.17	-3.44	8401
297447.63	3782587.62	-3.09	8400
297457.74	3782588.88	-2.96	8400
297469.61	3782590.77	-2.73	8400
297484.03	3782592.29	-2.43	8400
297498.44	3782594.00	-2.13	8400
297512.74	3782595.45	-1.72	8399
297525.80	3782597.83	-1.31	8400
297540.28	3782599.59	-1.14	8400
297554.97	3782600.77	-0.83	8399

297570.01	3782602.98	-0.54	8400
297585.69	3782604.89	-0.30	8400
297601.29	3782607.03	0.06	8400
297617.89	3782608.50	0.36	8400
297635.81	3782611.00	0.53	8400
297651.94	3782612.93	0.78	8400
297668.63	3782615.17	0.99	8400
297678.52	3782616.44	0.84	8400
297691.96	3782617.98	0.74	8400
297709.52	3782620.26	1.15	8400
297725.48	3782622.15	1.08	8400
297743.79	3782624.14	1.36	8400
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297792.32	3782630.28	1.56	8400
297802.77	3782631.50	2.23	8400
297818.98	3782633.62	2.53	8400
297836.05	3782636.00	3.06	8400
297851.86	3782637.90	3.01	8400
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297884.12	3782641.70	3.09	8400
297900.08	3782643.94	3.35	8400
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297920.47	3782646.18	3.69	8400
297939.93	3782648.33	4.09	8400
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297970.69	3782652.28	4.66	8400
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298001.40	3782655.86	5.20	8400
298016.29	3782657.62	5.65	8400
298032.76	3782659.86	6.15	8400
298038.25	3782660.61	6.53	8400
298015.11	3782758.47	6.16	8500
298002.58	3782757.18	5.45	8500
297989.73	3782755.61	5.06	8500
297977.40	3782753.76	4.84	8500
297964.41	3782752.23	4.53	8500
297951.58	3782750.78	4.23	8500
297941.51	3782749.49	4.13	8500
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297901.93	3782744.53	3.59	8500
297888.79	3782743.03	3.33	8500
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297865.74	3782740.19	3.12	8500
297853.03	3782738.84	3.09	8500
297840.95	3782737.44	3.13	8500
297829.14	3782735.59	2.92	8500
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297810.52	3782733.25	2.49	8500
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297782.23	3782729.75	1.44	8500
297773.53	3782728.60	1.46	8500
297764.45	3782727.64	1.27	8500
297755.09	3782726.75	1.08	8500
297746.14	3782725.42	1.33	8500
297736.49	3782724.20	1.31	8500
297727.72	3782723.32	1.24	8500

297718.72	3782722.18	1.00	8500
297706.49	3782720.57	0.77	8500
297694.59	3782718.82	0.63	8500
297683.45	3782717.71	0.51	8500
297671.75	3782716.73	0.57	8500
297660.95	3782715.04	0.30	8500
297649.02	3782713.72	0.10	8500
297638.90	3782711.81	0.29	8500
297627.54	3782711.13	0.07	8500
297616.45	3782709.57	-0.16	8500
297604.75	3782708.44	-0.43	8500
297594.16	3782706.90	-0.72	8500
297582.66	3782705.52	-0.84	8500
297572.04	3782703.95	-1.11	8500
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297548.65	3782700.93	-1.10	8500
297536.84	3782699.44	-1.00	8500
297524.87	3782698.42	-1.37	8500
297513.32	3782696.61	-1.67	8500
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297489.53	3782693.56	-2.36	8500
297477.85	3782692.41	-2.75	8500
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297453.78	3782689.93	-3.47	8500
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297489.25	3782794.94	-2.11	8600
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297510.45	3782797.38	-1.56	8600
297522.00	3782798.64	-1.22	8600
297534.54	3782800.60	-1.15	8600
297545.73	3782801.63	-1.96	8600
297557.57	3782803.25	-1.85	8600
297569.52	3782804.40	-1.56	8600
297581.79	3782806.31	-1.26	8601
297594.25	3782807.65	-0.95	8600
297608.76	3782809.35	-0.54	8600
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297633.52	3782812.98	0.08	8601
297647.94	3782814.20	0.27	8600
297662.44	3782816.23	0.07	8600
297676.92	3782817.62	0.44	8600
297691.33	3782819.41	0.38	8600
297705.51	3782821.37	0.63	8600
297720.63	3782823.38	0.80	8600
297735.30	3782825.17	0.98	8600
297749.87	3782826.59	1.20	8600
297763.55	3782828.42	1.18	8600
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297787.14	3782831.27	1.79	8600
297796.27	3782832.73	2.36	8600
297809.34	3782834.03	2.74	8600
297823.53	3782835.74	3.14	8600
297838.09	3782837.70	3.01	8600
297850.35	3782838.96	3.22	8600
297864.61	3782840.60	3.29	8600
297878.17	3782842.41	3.33	8600
297892.32	3782844.23	3.50	8600
297906.81	3782846.02	3.77	8600

297918.70	3782847.63	3.95	8600
297932.93	3782848.95	4.14	8600
297945.99	3782851.09	4.36	8600
297959.39	3782852.83	4.63	8600
297972.72	3782854.29	4.98	8600
297985.36	3782856.05	5.76	8601
297992.59	3782856.63	6.04	8600
297971.28	3782983.43	5.97	8729
297965.33	3782982.39	6.04	8728
297952.24	3782981.02	5.26	8728
297937.69	3782979.10	4.78	8728
297922.23	3782977.24	4.41	8728
297905.62	3782975.21	4.10	8728
297890.45	3782973.15	3.86	8728
297874.36	3782971.11	3.62	8728
297859.02	3782969.07	3.41	8728
297842.53	3782967.53	3.23	8728
297827.04	3782965.74	3.21	8729
297815.40	3782964.41	3.11	8729
297798.09	3782961.71	2.57	8728
297787.35	3782960.04	2.25	8728
297779.22	3782959.59	1.59	8728
297761.92	3782957.53	1.39	8728
297745.43	3782955.64	1.18	8729
297728.12	3782952.98	1.03	8728
297712.25	3782951.53	1.02	8728
297695.77	3782949.38	0.77	8729
297680.03	3782947.38	0.51	8728
297663.78	3782945.53	0.61	8729
297647.60	3782943.18	0.12	8728
297631.63	3782941.81	-0.12	8729
297628.48	3782941.29	0.20	8729
297612.25	3782939.21	-0.18	8729
297597.62	3782937.29	-0.51	8728
297583.28	3782936.08	-0.83	8729
297583.26	3782935.76	-0.84	8729
297566.45	3782933.92	-1.17	8729
297552.33	3782931.48	-1.58	8728
297536.60	3782930.24	-1.85	8729
297524.60	3782928.11	-1.91	8728
297520.55	3782927.81	-1.80	8728
297506.84	3782925.35	-1.39	8728
297491.96	3782924.18	-1.50	8728
297476.57	3782922.57	-1.99	8728
297461.86	3782920.45	-2.69	8728
297447.65	3782918.93	-3.51	8728
297434.85	3782917.06	-4.06	8729
297425.46	3782988.51	-4.29	8800
297434.82	3782989.66	-3.54	8800
297446.74	3782990.98	-2.76	8800
297459.11	3782992.33	-2.26	8799
297472.33	3782993.35	-1.69	8799
297485.35	3782994.55	-1.43	8799
297499.92	3782996.49	-1.00	8799
297500.24	3782997.32	-1.01	8800
297516.25	3782999.41	-0.91	8800
297530.94	3783000.95	-1.46	8800
297546.27	3783003.11	-1.08	8800
297560.62	3783004.82	-0.83	8800
297576.91	3783007.37	-0.62	8801

297593.35	3783009.19	-0.67	8800
297609.56	3783011.27	-0.31	8800
297629.21	3783013.17	-0.05	8800
297647.65	3783015.78	0.26	8800
297665.64	3783017.93	0.59	8800
297682.00	3783020.01	0.61	8800
297699.94	3783021.89	0.95	8800
297716.23	3783023.99	1.36	8800
297731.95	3783025.64	1.29	8800
297748.30	3783027.70	1.43	8800
297764.59	3783029.74	1.60	8800
297782.22	3783032.13	2.43	8800
297799.62	3783034.60	2.62	8800
297817.65	3783036.81	2.93	8800
297835.82	3783038.91	3.29	8800
297850.85	3783040.88	3.39	8800
297868.03	3783043.39	3.51	8801
297885.77	3783045.61	3.91	8800
297902.20	3783047.01	4.20	8800
297918.13	3783049.03	4.59	8800
297933.99	3783050.95	5.14	8800
297945.29	3783052.42	5.74	8799
297924.84	3783151.17	6.14	8901
297907.18	3783148.33	5.02	8900
297890.00	3783146.02	4.48	8900
297872.43	3783143.96	4.20	8900
297855.04	3783141.89	3.85	8901
297838.31	3783140.30	3.53	8900
297822.04	3783138.50	3.30	8901
297804.34	3783135.79	3.02	8900
297787.06	3783133.92	2.68	8900
297770.17	3783131.53	2.48	8900
297769.06	3783131.48	2.48	8900
297757.70	3783129.28	2.38	8899
297745.66	3783128.32	1.53	8900
297730.75	3783126.95	1.36	8900
297713.85	3783124.84	1.42	8900
297697.42	3783122.97	1.19	8901
297681.06	3783121.03	1.09	8900
297664.92	3783119.01	0.71	8901
297648.58	3783116.09	0.58	8900
297632.35	3783114.78	0.40	8900
297632.25	3783114.90	0.37	8901
297611.19	3783111.81	0.27	8900
297594.69	3783110.19	0.01	8901
297576.73	3783107.88	-0.36	8900
297560.23	3783105.37	-0.75	8900
297542.67	3783103.49	-1.19	8900
297526.66	3783101.52	-1.49	8900
297512.06	3783100.55	-1.01	8901
297496.24	3783098.00	-0.90	8900
297479.61	3783096.28	-1.30	8900
297463.06	3783094.01	-1.78	8900
297446.31	3783092.02	-2.30	8900
297411.78	3783188.00	-3.89	9000
297421.72	3783189.99	-3.23	9001
297431.84	3783190.15	-2.70	8999
297444.92	3783192.07	-2.11	9000
297459.83	3783194.06	-1.53	9000
297477.55	3783195.67	-1.09	9000

297496.44	3783198.15	-1.19	9000
297513.75	3783200.42	-1.45	9000
297531.62	3783202.52	-1.03	9000
297549.44	3783204.96	-0.62	9000
297567.17	3783207.18	-0.25	9000
297584.01	3783209.13	0.10	9000
297600.16	3783211.15	0.31	9000
297617.09	3783213.31	0.32	9000
297635.91	3783215.62	0.57	9000
297653.05	3783217.64	0.74	9000
297670.00	3783219.89	1.06	9000
297687.63	3783222.03	1.39	9000
297705.09	3783224.16	1.43	9000
297722.23	3783226.05	1.50	9000
297739.86	3783228.32	2.47	9000
297756.85	3783231.37	2.66	9001
297773.76	3783233.31	2.93	9001
297790.50	3783235.53	3.11	9001
297806.48	3783236.96	3.24	9001
297823.22	3783238.61	3.53	9000
297840.37	3783241.03	3.76	9000
297856.67	3783243.28	4.24	9000
297870.73	3783245.46	4.57	9001
297886.04	3783246.59	4.91	9000
297899.35	3783248.40	5.76	9001
297914.92	3783250.36	6.01	9001
297877.92	3783346.16	6.16	9100
297868.09	3783344.88	5.32	9100
297854.44	3783343.70	4.96	9100
297841.82	3783341.85	4.65	9100
297831.09	3783341.06	4.46	9100
297816.15	3783338.63	4.02	9100
297805.51	3783337.12	3.84	9100
297792.91	3783335.59	3.44	9100
297779.91	3783334.24	3.24	9100
297766.53	3783332.18	3.19	9100
297752.65	3783330.49	3.05	9100
297739.76	3783329.32	2.60	9100
297730.89	3783328.08	2.55	9100
297718.93	3783326.92	2.40	9100
297710.50	3783325.44	1.56	9100
297697.50	3783323.96	1.49	9100
297683.89	3783322.25	1.59	9100
297670.43	3783320.52	1.45	9100
297657.61	3783319.20	1.05	9100
297644.82	3783317.86	0.85	9100
297632.20	3783315.80	0.66	9100
297620.67	3783314.94	0.57	9100
297609.37	3783313.04	0.52	9100
297598.05	3783311.76	0.28	9100
297586.04	3783310.04	0.34	9100
297574.13	3783308.52	0.18	9100
297561.31	3783307.68	-0.07	9100
297548.65	3783305.58	-0.23	9100
297536.03	3783304.20	-0.63	9100
297523.90	3783302.97	-0.95	9100
297510.05	3783300.65	-1.23	9100
297497.58	3783299.65	-1.33	9100
297484.93	3783298.43	-0.92	9100
297472.06	3783296.29	-0.99	9100

297459.26	3783294.91	-1.29	9100
297446.58	3783292.87	-1.62	9100
297433.77	3783291.37	-1.94	9100
297422.22	3783290.25	-2.33	9100
297410.19	3783288.61	-2.65	9100
297398.88	3783287.11	-3.04	9100
297385.70	3783285.40	-3.49	9100
297322.91	3783390.43	-3.64	9212
297333.21	3783391.79	-3.78	9212
297347.40	3783394.31	-3.48	9213
297358.20	3783395.00	-3.23	9212
297368.39	3783395.72	-2.99	9211
297379.96	3783397.77	-2.69	9212
297391.96	3783399.04	-2.29	9212
297406.31	3783401.53	-1.95	9213
297420.85	3783402.88	-1.62	9212
297434.86	3783404.60	-1.40	9212
297449.03	3783406.35	-0.98	9212
297464.34	3783408.59	-0.66	9212
297481.04	3783410.42	-0.55	9212
297495.79	3783411.56	-0.97	9212
297511.83	3783414.37	-0.79	9212
297527.90	3783416.61	-0.25	9213
297544.67	3783418.48	0.08	9213
297560.73	3783420.54	0.26	9213
297576.50	3783422.26	0.30	9212
297592.56	3783423.98	0.44	9212
297609.39	3783426.14	0.62	9212
297626.44	3783428.20	0.68	9212
297644.69	3783430.37	0.97	9212
297661.15	3783432.41	1.06	9212
297676.90	3783434.17	1.37	9212
297691.88	3783436.25	1.34	9212
297697.09	3783437.12	1.42	9212
297706.98	3783438.10	2.36	9212
297722.38	3783439.63	2.64	9212
297735.44	3783441.68	3.14	9212
297749.72	3783443.29	3.27	9212
297764.79	3783444.94	3.43	9212
297777.57	3783446.60	3.60	9212
297790.84	3783448.45	4.12	9212
297804.66	3783449.98	4.34	9212
297818.69	3783451.73	4.58	9212
297832.25	3783453.29	4.85	9212
297845.12	3783455.00	5.66	9212
297852.66	3783455.96	6.14	9212
297834.33	3783542.69	6.07	9300
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297802.65	3783538.74	4.62	9301
297786.37	3783536.84	4.27	9301
297769.83	3783534.61	3.91	9300
297755.72	3783532.83	3.55	9300
297738.30	3783530.92	3.25	9301
297721.97	3783528.71	2.87	9300
297705.70	3783526.62	2.60	9300
297696.17	3783525.38	2.47	9300
297683.89	3783523.83	1.41	9300
297667.04	3783522.01	1.35	9301
297650.31	3783519.17	1.17	9299
297634.05	3783517.33	1.15	9300

297619.93	3783515.27	0.93	9299
297603.46	3783513.13	0.88	9299
297586.96	3783511.18	0.62	9299
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297570.43	3783510.16	0.52	9300
297555.57	3783508.00	0.33	9300
297539.95	3783505.40	0.25	9299
297522.79	3783504.69	0.25	9301
297506.46	3783502.40	-0.16	9301
297490.82	3783500.37	-0.59	9300
297477.18	3783498.55	-0.38	9301
297462.12	3783496.67	-0.42	9300
297445.76	3783494.57	-0.60	9300
297429.77	3783492.23	-0.95	9300
297415.13	3783490.37	-1.33	9300
297400.76	3783488.16	-1.56	9300
297388.88	3783488.21	-1.91	9300
297375.21	3783486.38	-2.17	9301
297362.23	3783484.66	-2.39	9301
297349.43	3783483.16	-2.68	9300
297335.90	3783480.96	-3.04	9301
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297382.51	3783587.18	-1.63	9400
297398.53	3783589.25	-1.37	9400
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297447.64	3783595.55	-0.34	9400
297463.30	3783597.31	-0.07	9400
297480.41	3783599.38	-0.11	9400
297496.79	3783601.52	0.12	9400
297514.64	3783603.88	0.19	9400
297530.95	3783605.86	0.42	9400
297550.47	3783608.36	0.58	9400
297570.36	3783610.54	0.78	9399
297586.90	3783612.58	0.88	9400
297604.23	3783614.91	0.93	9400
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297653.84	3783620.86	1.16	9400
297671.55	3783623.23	1.35	9400
297685.16	3783624.80	2.37	9400
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297719.23	3783629.25	3.31	9400
297736.37	3783631.57	3.70	9401
297752.30	3783633.10	3.91	9400
297767.85	3783635.02	4.36	9400
297776.86	3783636.21	4.42	9400
297791.73	3783637.79	4.91	9400
297807.05	3783639.77	5.70	9400
297811.32	3783640.34	5.95	9400
297789.02	3783738.61	5.91	9500
297775.33	3783736.89	5.13	9500

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297735.17	3783731.64	4.21	9500
297721.50	3783730.11	3.73	9500
297710.53	3783728.64	3.45	9500
297696.69	3783727.10	2.92	9500
297684.07	3783725.57	2.59	9500
297671.75	3783723.65	2.43	9500
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297646.93	3783720.85	1.37	9500
297637.19	3783719.48	1.18	9500
297623.77	3783718.25	1.10	9500
297611.78	3783716.48	1.10	9500
297599.98	3783715.09	1.01	9500
297588.35	3783713.73	1.03	9500
297576.33	3783712.17	0.89	9500
297563.75	3783710.62	0.91	9500
297551.11	3783709.06	0.78	9500
297539.77	3783707.86	0.71	9500
297526.73	3783705.64	0.65	9500
297514.36	3783704.54	0.47	9500
297501.78	3783702.91	0.43	9500
297489.60	3783701.39	0.22	9500
297477.63	3783699.98	0.20	9500
297465.64	3783698.58	0.39	9500
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297428.98	3783694.50	-0.28	9500
297416.30	3783692.53	-0.63	9500
297404.05	3783690.73	-0.96	9500
297392.52	3783689.99	-1.17	9500
297380.21	3783688.22	-1.39	9500
297367.72	3783686.88	-1.65	9500
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297329.84	3783681.92	-1.82	9500
297317.43	3783680.40	-1.96	9500
297305.06	3783679.15	-2.28	9501
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297279.23	3783675.92	-2.69	9500
297238.89	3783770.97	-3.13	9600
297248.97	3783772.78	-2.93	9600
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297273.95	3783775.40	-2.43	9600
297288.49	3783777.99	-2.22	9600
297303.41	3783779.50	-2.01	9600
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297334.57	3783783.12	-1.84	9600
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297361.46	3783786.30	-1.41	9600
297374.23	3783788.09	-1.10	9600
297387.27	3783789.46	-0.86	9600
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297430.11	3783794.73	0.08	9600
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297460.15	3783798.32	0.29	9600
297475.41	3783800.50	0.39	9600
297490.36	3783802.19	0.48	9599
297506.36	3783804.16	0.63	9600

297520.24	3783805.79	0.79	9600
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297550.06	3783809.89	1.03	9600
297564.28	3783811.44	1.03	9600
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297594.36	3783815.09	1.16	9600
297609.08	3783816.83	1.42	9600
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297665.18	3783824.13	2.48	9600
297679.31	3783825.45	2.84	9600
297692.37	3783826.66	3.29	9600
297706.18	3783828.76	3.68	9600
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297767.63	3783837.17	5.92	9601
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297744.99	3783931.19	6.36	9697
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297715.44	3783926.61	5.02	9696
297703.32	3783925.42	4.29	9696
297688.11	3783923.20	3.91	9696
297672.96	3783921.47	3.76	9696
297657.45	3783919.39	3.10	9696
297640.69	3783917.27	2.56	9696
297624.65	3783915.51	2.40	9696
297608.72	3783913.73	2.35	9696
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297514.91	3783902.18	0.87	9696
297499.06	3783900.25	0.66	9696
297483.61	3783898.32	0.61	9696
297467.09	3783896.49	0.31	9696
297450.49	3783894.87	0.36	9697
297433.93	3783892.55	0.19	9696
297419.20	3783890.78	0.14	9697
297403.98	3783888.74	-0.30	9697
297388.57	3783887.02	-0.54	9696
297370.90	3783884.89	-1.00	9697
297355.39	3783882.76	-1.39	9697
297341.85	3783881.03	-1.67	9696
297326.72	3783879.05	-1.93	9696
297313.06	3783877.11	-2.20	9696
297299.66	3783876.19	-2.25	9697
297286.69	3783874.17	-2.22	9696
297274.59	3783872.21	-2.31	9696
297261.96	3783870.69	-2.30	9696
297247.84	3783869.23	-2.52	9696
297234.49	3783867.76	-2.73	9696
297074.63	3789176.37	4.13	14985
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298108.89	3781963.93	5.96	7700
298124.39	3781965.76	6.09	7700
298141.80	3781967.98	6.33	7700

298158.93	3781970.31	6.31	7700
298176.64	3781972.28	6.34	7700
298192.59	3781974.67	6.38	7700
298209.62	3781976.27	6.29	7700
298225.48	3781978.32	6.19	7700
298233.60	3781979.70	6.28	7700
298243.94	3781981.24	6.30	7701
298257.75	3781982.64	6.27	7700
298269.13	3781983.48	6.18	7700
298285.43	3781985.63	5.95	7700
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298317.30	3781990.06	5.91	7700
298333.55	3781992.05	5.74	7701
298348.12	3781994.24	5.70	7701
298363.53	3781995.52	5.68	7700
298378.30	3781997.16	6.02	7700
298387.38	3781998.70	6.09	7701
298402.91	3782000.59	5.44	7701
298418.69	3782002.54	4.92	7700
298434.96	3782004.20	4.69	7700
298450.65	3782006.01	4.62	7700
298465.86	3782008.06	4.42	7700
298482.16	3782009.40	4.26	7699
298498.31	3782011.38	4.06	7700
298513.40	3782013.13	4.35	7699
298524.88	3782015.73	4.10	7701
298540.83	3782017.18	4.10	7700
298557.33	3782018.90	4.00	7700
298573.47	3782020.59	3.95	7699
298590.08	3782023.16	3.83	7700
298606.80	3782025.38	3.67	7700
298623.46	3782027.36	3.61	7700
298640.79	3782029.81	3.52	7700
298657.79	3782032.49	3.33	7701
298674.97	3782034.24	3.31	7701
298688.54	3782035.46	3.11	7700
298702.83	3782037.26	3.17	7700
298717.85	3782039.25	3.15	7700
298732.20	3782041.09	3.26	7700
298747.37	3782042.17	3.30	7700
298762.46	3782043.92	3.18	7700
298778.77	3782047.03	3.17	7700
298794.20	3782048.99	3.08	7701
298810.54	3782050.41	3.09	7700
298825.81	3782052.82	3.02	7701
298842.67	3782054.71	3.03	7701
298859.12	3782056.88	3.06	7701
298875.12	3782058.79	3.00	7700
298892.35	3782060.71	2.96	7700
298863.70	3782118.10	9.93	7761
298852.16	3782116.48	9.98	7760
298730.56	3782101.37	3.02	7760
298718.52	3782099.73	3.05	7760
298705.09	3782098.22	3.18	7760
298689.29	3782095.91	3.34	7760
298672.26	3782093.76	3.46	7760
298650.44	3782091.59	3.58	7761
298632.12	3782088.92	3.75	7760
298616.86	3782087.23	3.80	7760
298599.49	3782084.62	3.88	7760

298582.90	3782082.71	3.90	7760
298567.18	3782081.02	3.68	7760
298550.82	3782078.75	3.77	7760
298536.35	3782077.15	3.79	7760
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298509.14	3782073.69	3.87	7760
298491.95	3782071.57	4.05	7760
298476.52	3782069.74	4.15	7760
298460.35	3782067.84	4.12	7760
298445.17	3782065.85	4.41	7760
298429.66	3782064.57	4.61	7760
298415.00	3782062.66	4.78	7761
298399.04	3782061.02	5.35	7761
298383.39	3782058.84	6.20	7761
298379.26	3782058.11	6.09	7760
298363.53	3782055.79	6.09	7760
298349.55	3782054.39	6.15	7760
298337.96	3782053.33	6.22	7760
298326.73	3782051.95	6.13	7761
298312.18	3782050.25	6.09	7761
298296.43	3782048.38	6.19	7761
298281.17	3782046.23	6.32	7761
298264.91	3782044.21	6.46	7760
298249.38	3782041.27	6.35	7759
298232.88	3782039.06	6.25	7759
298216.10	3782037.91	6.24	7760
298200.79	3782036.55	6.40	7761
298185.26	3782034.39	6.23	7760
298170.31	3782032.15	6.30	7760
298153.53	3782030.17	6.19	7760
298137.46	3782028.32	6.21	7760
298121.12	3782026.24	6.21	7760
298105.35	3782024.53	6.18	7760
298101.29	3782023.91	5.92	7760
298084.69	3782021.86	5.41	7761
298082.84	3782162.30	6.03	7900
298098.83	3782165.23	5.99	7901
298115.85	3782167.36	6.00	7901
298132.41	3782168.97	5.92	7900
298149.35	3782170.63	6.01	7900
298165.99	3782172.53	5.90	7900
298182.14	3782175.01	6.03	7901
298198.54	3782177.00	6.27	7900
298214.41	3782178.96	6.24	7900
298230.78	3782180.75	6.33	7900
298246.51	3782182.77	6.35	7900
298258.34	3782184.10	6.32	7900
298274.21	3782186.02	6.30	7900
298294.07	3782188.18	6.54	7900
298310.17	3782190.43	6.30	7900
298319.65	3782191.46	6.37	7900
298332.09	3782193.45	6.38	7900
298347.62	3782195.44	6.29	7901
298360.58	3782196.55	6.17	7900
298377.86	3782198.61	5.58	7900
298394.15	3782200.96	5.10	7900
298406.89	3782202.55	4.76	7900
298423.03	3782204.30	4.52	7900
298439.18	3782206.19	4.02	7900
298454.43	3782208.58	4.04	7901

298470.28	3782210.38	3.85	7901
298487.73	3782212.94	3.41	7901
298503.25	3782214.50	3.69	7900
298517.99	3782215.99	3.71	7901
298534.24	3782217.88	4.08	7900
298550.61	3782220.03	3.79	7900
298566.28	3782222.32	3.69	7901
298580.37	3782224.00	3.69	7900
298593.12	3782225.66	4.89	7901
298608.91	3782227.21	5.63	7900
298622.84	3782228.85	8.22	7900
298632.53	3782230.35	7.67	7900
298639.70	3782230.85	6.43	7900
298661.34	3782334.29	5.29	8000
298648.68	3782332.64	5.74	8000
298637.34	3782331.46	5.32	8000
298624.95	3782329.86	4.19	8000
298613.01	3782328.77	3.68	8000
298602.43	3782327.17	3.17	8000
298591.58	3782326.09	3.41	8000
298579.11	3782324.78	3.15	8001
298567.42	3782322.70	2.92	8000
298556.33	3782321.31	2.78	8000
298544.14	3782319.64	2.87	8000
298530.64	3782318.94	2.80	8001
298518.79	3782317.24	3.16	8000
298506.26	3782315.74	3.15	8000
298493.31	3782313.55	3.13	8000
298480.13	3782312.19	3.29	8000
298466.29	3782310.43	3.43	8000
298452.16	3782308.34	3.44	8000
298442.07	3782306.95	3.36	8000
298432.03	3782306.32	3.43	8000
298420.76	3782304.83	4.05	8000
298413.02	3782304.34	4.60	8001
298399.33	3782302.42	4.55	8000
298385.46	3782300.64	5.23	8000
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298357.34	3782296.83	5.82	8000
298348.61	3782295.67	6.30	8000
298336.00	3782294.33	6.29	8000
298322.46	3782292.86	6.48	8000
298311.86	3782291.20	6.45	8000
298298.50	3782289.88	6.48	8000
298285.80	3782288.14	6.44	8000
298272.83	3782286.72	6.36	8000
298258.68	3782284.83	6.35	8000
298245.92	3782283.10	6.16	8000
298232.04	3782281.20	6.12	8000
298217.95	3782279.90	6.13	8000
298203.84	3782278.34	6.17	8000
298189.27	3782276.54	6.14	8001
298174.00	3782274.87	6.17	8000
298159.56	3782272.75	6.17	8000
298146.81	3782271.02	6.07	8000
298132.89	3782269.38	6.12	8000
298118.88	3782267.52	6.05	8000
298104.23	3782265.85	5.99	8000
298089.73	3782264.32	5.91	8000
298075.89	3782262.90	5.88	8001

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298068.93	3782261.83	5.82	8001
298057.25	3782360.55	6.03	8100
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298099.38	3782365.91	6.00	8100
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298269.46	3782386.92	6.52	8100
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298334.68	3782395.09	6.16	8100
298348.87	3782397.00	5.59	8100
298363.40	3782399.16	5.04	8101
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298389.76	3782402.16	4.42	8101
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298425.01	3782405.68	3.75	8100
298434.91	3782406.81	3.81	8100
298447.99	3782408.62	3.50	8100
298461.52	3782410.38	3.02	8100
298474.42	3782412.30	3.09	8100
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298602.86	3782427.88	3.17	8100
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298667.95	3782435.95	4.10	8100
298676.62	3782437.30	4.65	8100
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298710.93	3782586.17	3.08	8244
298697.49	3782585.15	3.29	8245
298684.58	3782583.30	3.32	8244

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298499.12	3782560.66	2.27	8244
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298464.30	3782556.09	3.07	8244
298452.49	3782554.48	2.99	8244
298441.18	3782552.99	3.34	8244
298430.58	3782552.10	3.18	8244
298420.33	3782551.11	3.23	8245
298408.35	3782549.25	3.43	8244
298400.35	3782547.90	3.89	8244
298389.26	3782546.74	4.47	8244
298375.33	3782544.89	4.53	8244
298359.39	3782543.04	4.68	8244
298347.10	3782541.84	4.73	8244
298333.37	3782540.21	5.21	8244
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298300.79	3782535.46	6.30	8244
298287.24	3782534.09	6.45	8244
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298262.01	3782531.11	6.37	8244
298249.05	3782529.61	6.31	8244
298235.58	3782528.15	6.24	8244
298221.89	3782526.07	6.31	8244
298208.68	3782524.20	6.20	8244
298194.93	3782522.96	6.28	8244
298180.88	3782520.86	6.27	8244
298165.72	3782518.67	6.25	8244
298150.89	3782517.18	6.28	8244
298136.19	3782515.27	6.29	8244
298121.00	3782513.37	6.29	8244
298105.93	3782511.55	6.33	8244
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298075.92	3782507.72	6.25	8244
298063.46	3782506.38	6.44	8244
298051.40	3782504.67	6.13	8244
298038.82	3782503.94	5.67	8244
298027.59	3782501.91	5.40	8244
298061.75	3782562.14	6.50	8299
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298090.17	3782566.79	6.22	8301
298103.94	3782568.12	6.22	8300
298117.51	3782569.90	6.34	8300
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298158.35	3782574.81	6.17	8300
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298185.54	3782578.20	6.16	8300
298199.21	3782580.23	6.29	8301
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298226.42	3782583.10	6.18	8300
298240.65	3782585.36	6.07	8301
298255.39	3782586.92	6.31	8300
298267.37	3782587.97	6.33	8300
298279.37	3782589.72	6.31	8300
298291.72	3782591.30	6.45	8300
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298304.27	3782592.43	6.62	8300
298313.70	3782593.69	5.86	8300
298329.99	3782595.91	5.20	8300
298346.58	3782598.40	4.75	8301
298358.97	3782600.19	4.43	8301
298374.76	3782601.94	4.24	8301
298389.52	3782603.74	4.07	8300
298406.16	3782605.79	3.90	8301
298421.47	3782607.58	3.54	8300
298436.89	3782609.70	3.32	8301
298451.20	3782611.33	3.22	8301
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298478.82	3782614.84	1.36	8301
298479.18	3782615.04	2.66	8301
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298494.31	3782616.49	2.10	8300
298505.51	3782618.54	2.09	8301
298505.07	3782617.55	2.20	8300
298517.41	3782619.29	2.49	8300
298533.15	3782620.61	2.53	8300
298548.95	3782622.29	2.86	8299
298563.21	3782625.17	2.52	8301
298578.42	3782626.90	2.50	8300
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298593.67	3782629.75	2.44	8301
298602.15	3782629.53	2.49	8300
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298626.18	3782632.09	2.25	8300
298642.36	3782634.20	2.61	8300
298658.48	3782636.20	2.71	8300
298674.19	3782638.50	2.73	8300
298690.12	3782640.23	2.90	8300
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298451.99	3782711.39	2.79	8400
298440.82	3782710.19	3.21	8400
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298417.52	3782707.06	3.48	8400
298404.52	3782705.87	3.71	8400

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298229.96	3782684.06	6.28	8400
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298180.49	3782678.45	6.27	8400
298164.72	3782676.29	6.42	8400
298148.26	3782674.32	6.20	8400
298131.55	3782672.16	6.21	8400
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298015.97	3782657.79	5.67	8400
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298012.93	3782758.47	6.19	8500
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298163.88	3782777.28	6.17	8500
298176.49	3782778.67	6.17	8500
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298203.23	3782781.89	6.24	8500
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298228.46	3782784.84	6.15	8500
298242.69	3782786.63	6.24	8500
298255.93	3782788.69	5.98	8501
298258.88	3782788.74	5.97	8500
298272.43	3782790.25	5.69	8500
298285.54	3782791.50	5.17	8500
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298353.77	3782800.30	4.01	8500
298366.40	3782801.56	3.91	8500
298379.66	3782803.06	3.82	8500
298393.65	3782805.27	3.55	8500
298407.50	3782806.73	3.31	8500
298417.71	3782808.22	3.38	8500

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298443.53	3782811.40	2.53	8500
298456.75	3782812.94	2.61	8500
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298483.03	3782816.21	2.84	8500
298494.95	3782817.60	2.77	8500
298505.88	3782819.28	2.68	8500
298515.63	3782820.11	2.47	8500
298447.14	3782912.77	2.77	8600
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298423.09	3782909.93	2.69	8600
298409.69	3782907.76	3.12	8600
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298387.68	3782905.22	3.77	8600
298375.18	3782903.48	3.76	8600
298363.69	3782902.49	3.89	8600
298353.51	3782901.09	3.64	8600
298341.91	3782899.09	4.01	8600
298330.49	3782897.90	3.96	8600
298320.09	3782896.79	4.34	8600
298307.16	3782895.37	4.63	8600
298296.11	3782894.01	4.56	8600
298284.15	3782892.36	4.72	8600
298272.29	3782890.97	4.96	8600
298262.33	3782890.00	5.22	8600
298250.21	3782888.20	5.53	8600
298235.71	3782886.76	6.13	8600
298224.09	3782884.99	6.09	8600
298212.20	3782883.57	6.15	8600
298203.17	3782882.60	5.91	8600
298191.41	3782880.98	5.89	8600
298179.87	3782879.27	6.23	8600
298169.26	3782878.50	6.22	8600
298157.77	3782876.81	6.07	8600
298145.34	3782875.01	5.86	8600
298135.26	3782873.85	6.10	8600
298124.19	3782872.76	6.09	8600
298113.31	3782871.36	6.08	8600
298100.98	3782869.66	6.10	8600
298088.52	3782867.87	5.98	8600
298076.17	3782865.85	6.14	8599
298076.05	3782866.98	6.13	8600
298063.29	3782865.45	6.06	8600
298050.86	3782863.83	6.22	8600
298038.15	3782862.12	6.40	8600
298025.43	3782860.66	6.18	8600
298013.65	3782859.44	6.21	8600
298002.59	3782858.06	6.13	8600
297992.40	3782856.67	6.16	8600
297965.32	3782982.37	6.07	8728
297984.07	3782984.58	6.23	8728
298003.13	3782986.98	6.18	8728
298021.41	3782989.02	6.41	8728
298040.57	3782991.35	6.34	8728
298057.76	3782993.51	6.42	8728
298075.33	3782995.87	6.30	8728
298094.56	3782998.74	6.38	8729
298094.62	3782998.65	6.39	8729
298110.13	3783000.20	6.41	8728
298131.43	3783002.97	6.31	8729

298146.93	3783004.43	6.28	8728
298162.97	3783006.81	6.27	8728
298178.16	3783008.67	6.32	8728
298190.96	3783010.25	6.12	8728
298204.58	3783012.22	6.21	8729
298206.34	3783012.37	6.22	8729
298220.61	3783014.18	5.57	8729
298235.60	3783015.75	5.14	8728
298250.23	3783017.67	5.03	8729
298265.02	3783019.26	4.62	8728
298280.57	3783021.44	4.32	8729
298295.91	3783023.55	4.32	8729
298311.06	3783025.09	3.63	8729
298324.46	3783026.73	3.69	8728
298339.89	3783028.30	3.57	8728
298354.95	3783030.20	3.46	8728
298367.70	3783031.80	3.56	8729
298381.89	3783033.93	3.04	8729
298395.54	3783035.85	3.21	8729
298411.20	3783037.64	3.18	8729
298426.21	3783039.41	3.11	8729
298441.25	3783040.83	3.11	8728
298412.06	3783110.53	2.49	8801
298398.68	3783108.14	2.30	8800
298383.98	3783106.41	2.74	8800
298369.20	3783104.27	3.30	8800
298354.82	3783102.94	3.53	8801
298342.28	3783101.44	3.39	8801
298326.08	3783099.27	3.55	8800
298309.84	3783097.16	3.62	8800
298295.10	3783095.47	3.83	8800
298279.60	3783093.57	4.09	8800
298263.11	3783091.83	4.01	8800
298247.84	3783089.69	4.35	8800
298235.21	3783088.13	4.70	8800
298221.51	3783086.68	5.04	8801
298207.61	3783084.57	5.47	8800
298194.55	3783083.20	5.94	8801
298191.01	3783082.64	5.94	8800
298175.39	3783081.36	6.10	8801
298167.43	3783079.89	6.14	8800
298158.46	3783078.77	6.15	8800
298144.59	3783077.37	6.20	8801
298128.76	3783075.46	6.19	8801
298114.25	3783073.46	6.34	8800
298099.72	3783071.65	6.32	8801
298084.30	3783069.53	6.43	8800
298069.06	3783067.37	6.39	8800
298052.58	3783065.96	6.37	8801
298037.49	3783063.96	6.36	8800
298023.73	3783062.07	6.33	8800
298008.63	3783060.11	6.41	8800
297991.23	3783058.01	6.33	8800
297980.96	3783056.47	6.20	8800
297965.96	3783055.26	6.17	8801
297953.26	3783053.66	6.17	8800
297945.39	3783052.68	5.77	8801
297924.70	3783150.83	6.08	8900
297936.78	3783151.97	6.24	8900
297948.68	3783153.12	6.04	8900

297961.80	3783155.47	6.26	8901
297972.80	3783156.58	6.26	8900
297983.62	3783157.56	6.31	8900
297994.99	3783159.45	6.24	8900
298007.38	3783160.99	6.22	8900
298019.52	3783162.38	6.12	8900
298031.61	3783163.55	6.20	8900
298045.94	3783165.53	6.37	8900
298059.46	3783167.50	6.36	8901
298070.67	3783168.85	6.29	8901
298083.97	3783169.88	6.34	8900
298096.84	3783172.09	6.29	8900
298110.23	3783173.18	6.26	8900
298123.37	3783174.70	6.26	8900
298136.18	3783176.55	6.07	8900
298148.27	3783177.82	6.19	8900
298160.18	3783179.56	5.97	8900
298167.34	3783180.51	5.94	8900
298178.69	3783182.15	5.44	8900
298190.64	3783183.30	5.31	8900
298202.25	3783185.05	4.88	8901
298212.11	3783185.30	4.87	8900
298225.83	3783187.47	4.50	8900
298236.06	3783188.79	4.42	8900
298246.43	3783189.93	4.16	8900
298257.07	3783191.32	3.89	8900
298267.91	3783192.92	3.36	8900
298276.25	3783193.89	3.10	8900
298284.21	3783195.04	2.84	8900
298294.74	3783195.94	2.92	8900
298304.51	3783197.14	3.15	8900
298315.21	3783198.53	2.78	8900
298325.88	3783199.88	2.78	8900
298336.85	3783201.28	3.15	8900
298347.11	3783202.48	2.80	8900
298357.64	3783204.04	2.72	8900
298370.62	3783205.30	2.74	8900
298383.36	3783207.12	2.64	8900
298395.56	3783208.44	2.67	8900
298406.68	3783209.88	2.88	8900
298419.39	3783211.71	3.05	8901
298431.03	3783212.82	2.84	8900
298443.99	3783214.38	2.98	8900
298456.23	3783215.72	2.96	8900
298468.96	3783217.85	2.96	8900
298481.62	3783219.16	2.98	8900
298490.11	3783220.38	2.70	8900
298406.29	3783310.51	2.96	9000
298393.69	3783308.94	2.60	9000
298380.72	3783307.05	2.77	9000
298367.93	3783305.80	2.71	9000
298353.24	3783304.08	2.49	9000
298340.27	3783302.67	2.72	9000
298326.76	3783300.61	2.82	9000
298313.50	3783299.30	3.06	9000
298301.56	3783297.65	2.99	9000
298291.11	3783296.38	2.88	9000
298278.79	3783294.67	3.06	9000
298264.05	3783293.14	3.48	9000
298251.14	3783291.33	3.59	9000

298237.60	3783289.63	3.84	9000
298225.60	3783288.04	4.25	9000
298213.41	3783287.34	4.41	9001
298201.14	3783285.09	4.28	9000
298189.79	3783283.77	4.91	9000
298179.21	3783282.93	4.68	9000
298166.54	3783281.02	5.05	9000
298153.75	3783279.37	5.50	9000
298144.70	3783278.29	6.05	9000
298131.95	3783276.90	6.10	9000
298119.93	3783275.30	6.17	9000
298109.22	3783273.98	6.20	9000
298098.20	3783272.48	6.16	9000
298085.01	3783271.27	6.10	9000
298073.40	3783269.42	6.12	9000
298060.68	3783268.28	6.24	9000
298047.53	3783266.55	6.30	9000
298034.76	3783265.07	6.22	9000
298022.31	3783263.28	6.31	9000
298010.13	3783261.90	6.27	9000
297996.99	3783260.26	6.25	9000
297984.19	3783258.72	6.20	9000
297971.54	3783257.12	6.16	9000
297960.07	3783255.66	6.06	9000
297948.53	3783254.08	6.26	9000
297936.21	3783252.70	6.19	9000
297924.94	3783251.20	6.16	9000
297913.53	3783249.90	5.98	9000
297902.13	3783248.54	5.81	9000
297877.83	3783346.04	6.08	9100
297892.27	3783347.90	6.27	9100
297907.74	3783349.59	6.16	9100
297923.57	3783351.94	6.30	9100
297937.80	3783353.71	6.23	9100
297955.82	3783355.84	6.37	9100
297970.87	3783357.95	6.15	9100
297986.34	3783360.19	6.28	9101
298001.51	3783361.08	6.20	9100
298016.76	3783363.46	6.21	9100
298031.41	3783365.11	6.26	9100
298046.88	3783367.07	6.21	9100
298061.21	3783368.59	6.19	9100
298076.41	3783370.32	6.25	9100
298086.49	3783371.90	6.16	9100
298101.22	3783373.65	5.84	9100
298114.34	3783375.29	5.97	9100
298121.92	3783376.29	5.84	9100
298136.46	3783377.96	5.49	9100
298149.47	3783379.38	4.98	9100
298163.59	3783381.38	4.60	9100
298176.91	3783383.22	4.38	9100
298191.35	3783384.91	4.32	9100
298206.73	3783386.57	3.91	9100
298218.05	3783388.64	3.44	9101
298233.23	3783390.35	3.16	9101
298248.33	3783392.35	3.02	9101
298262.45	3783393.51	3.13	9100
298276.10	3783395.53	3.03	9100
298290.12	3783397.33	2.93	9101
298302.91	3783399.07	2.53	9101

298318.07	3783400.23	2.44	9100
298331.22	3783402.32	2.68	9101
298342.83	3783403.42	2.44	9100
298353.19	3783404.75	2.86	9100
298353.92	3783404.85	2.89	9100
298367.50	3783406.89	2.85	9101
298367.73	3783406.81	2.81	9100
298381.41	3783408.77	2.92	9101
298397.38	3783410.89	2.87	9101
298410.02	3783411.70	2.77	9100
298422.92	3783413.66	2.61	9100
298434.57	3783415.19	2.88	9101
298370.27	3783519.62	2.68	9212
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298341.96	3783516.03	2.68	9212
298326.78	3783513.71	2.79	9211
298313.40	3783511.91	2.61	9212
298299.17	3783510.78	2.55	9212
298285.92	3783509.24	2.57	9212
298275.71	3783507.74	2.46	9212
298261.13	3783505.70	2.23	9212
298243.16	3783503.88	2.59	9212
298227.09	3783502.10	2.38	9212
298211.55	3783499.72	2.46	9211
298195.10	3783498.07	3.05	9212
298180.59	3783496.79	3.75	9212
298164.29	3783494.52	4.61	9212
298148.65	3783492.35	4.78	9212
298135.00	3783490.32	4.82	9212
298122.06	3783489.18	5.35	9212
298110.49	3783488.12	5.50	9212
298097.07	3783486.56	6.11	9213
298081.36	3783483.56	6.13	9211
298066.37	3783482.09	6.12	9212
298066.42	3783482.16	6.13	9212
298051.49	3783480.04	6.19	9212
298040.52	3783478.99	6.23	9212
298024.63	3783476.82	6.12	9212
298007.13	3783475.82	6.08	9213
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297959.39	3783469.14	6.11	9212
297942.88	3783467.08	6.25	9212
297926.67	3783465.03	6.15	9212
297910.61	3783462.93	5.95	9212
297894.09	3783461.35	6.02	9212
297877.53	3783459.18	6.13	9212
297862.05	3783457.26	6.24	9212
297852.50	3783455.88	6.21	9212
297834.25	3783542.36	5.96	9300
297851.26	3783545.37	5.84	9301
297867.09	3783547.12	5.99	9301
297881.68	3783548.79	6.12	9301
297896.02	3783550.75	6.25	9301
297912.00	3783552.53	6.37	9301
297924.63	3783553.76	6.29	9300
297936.90	3783555.56	6.15	9301
297950.65	3783557.09	6.27	9300
297963.54	3783558.58	6.14	9300
297976.59	3783560.02	6.28	9300

297990.45	3783561.71	6.19	9300
298003.06	3783563.35	6.16	9300
298015.48	3783564.84	6.16	9300
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298051.99	3783569.42	6.22	9300
298064.90	3783570.98	6.28	9300
298076.90	3783572.41	6.33	9300
298089.28	3783573.99	5.58	9300
298100.85	3783575.25	5.15	9300
298113.53	3783576.86	4.72	9300
298126.69	3783578.48	4.71	9300
298139.83	3783580.30	4.55	9300
298152.22	3783582.12	4.26	9301
298165.77	3783583.49	3.48	9300
298178.50	3783584.77	3.21	9300
298187.90	3783585.87	3.01	9300
298199.21	3783587.16	2.94	9300
298210.22	3783588.70	2.80	9300
298220.94	3783590.14	2.70	9300
298230.72	3783591.19	2.56	9300
298241.63	3783592.70	2.68	9300
298252.52	3783594.42	2.74	9301
298264.78	3783595.69	2.57	9300
298275.76	3783596.94	2.68	9300
298286.95	3783597.95	2.82	9300
298299.21	3783599.89	2.76	9300
298311.96	3783601.53	2.70	9300
298323.91	3783602.45	2.66	9300
298337.44	3783604.41	2.70	9300
298346.50	3783605.27	2.67	9300
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298287.62	3783698.88	2.57	9400
298274.99	3783697.15	2.52	9400
298262.30	3783696.07	2.68	9400
298250.28	3783694.16	2.69	9400
298237.18	3783692.73	2.67	9400
298223.50	3783691.03	2.65	9400
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298167.04	3783684.35	3.13	9400
298154.75	3783682.75	3.31	9400
298141.73	3783681.40	3.69	9401
298127.67	3783679.48	4.01	9400
298117.38	3783678.43	4.32	9401
298105.59	3783676.54	4.35	9400
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298081.55	3783674.09	5.08	9401
298069.39	3783672.27	5.46	9400
298056.40	3783670.42	5.91	9400
298055.14	3783670.58	6.09	9400
298043.29	3783668.97	6.22	9400
298031.89	3783667.57	6.17	9400
298022.71	3783666.61	6.02	9400
298010.73	3783664.94	6.24	9400
297999.87	3783663.94	6.19	9400
297988.25	3783662.49	6.03	9400

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297965.17	3783659.02	5.90	9400
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297939.77	3783656.34	6.23	9400
297926.45	3783654.53	6.05	9400
297913.62	3783652.64	6.16	9400
297900.78	3783651.25	6.18	9400
297889.32	3783649.58	6.05	9400
297876.31	3783648.37	6.14	9400
297864.47	3783646.53	6.07	9400
297852.25	3783645.15	6.11	9400
297840.61	3783643.74	6.01	9400
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297816.66	3783640.92	5.94	9400
297811.68	3783640.03	5.85	9400
297789.14	3783738.58	6.06	9500
297801.20	3783740.27	6.05	9501
297815.12	3783742.19	6.01	9501
297830.32	3783743.71	5.91	9501
297845.96	3783745.65	6.05	9500
297861.53	3783747.62	6.22	9500
297875.91	3783749.20	6.15	9500
297890.61	3783750.93	6.06	9500
297905.77	3783752.60	6.20	9500
297921.26	3783755.34	6.09	9501
297935.55	3783757.17	6.11	9501
297949.57	3783758.93	6.12	9501
297965.44	3783760.66	6.15	9501
297980.68	3783762.53	6.29	9501
297995.18	3783764.17	6.25	9501
298005.42	3783765.18	6.30	9500
298017.50	3783766.87	6.22	9500
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298032.77	3783768.54	6.44	9500
298048.75	3783770.51	5.35	9500
298060.07	3783771.97	4.96	9500
298073.49	3783773.59	4.49	9500
298087.05	3783775.48	4.42	9501
298098.76	3783777.10	4.53	9501
298110.99	3783778.61	3.88	9501
298123.87	3783779.91	3.26	9500
298136.62	3783781.59	3.03	9501
298151.49	3783783.43	2.82	9501
298165.93	3783785.06	2.86	9500
298180.30	3783786.44	2.83	9500
298193.44	3783788.05	2.61	9500
298207.41	3783789.76	2.48	9500
298219.45	3783791.99	2.38	9501
298231.91	3783792.92	2.36	9501
298244.13	3783793.88	2.51	9499
298244.11	3783793.87	2.56	9500
298255.87	3783796.22	2.50	9501
298268.25	3783797.29	2.27	9500
298279.59	3783798.51	2.37	9500
298293.06	3783800.40	2.61	9500
298305.43	3783802.33	2.36	9500
298315.35	3783803.70	2.38	9501
298306.57	3783903.42	2.40	9601
298293.74	3783901.59	2.51	9600
298280.54	3783899.67	2.32	9600

298270.03	3783898.15	2.46	9600
298256.99	3783896.65	2.33	9600
298243.47	3783895.17	2.45	9601
298230.26	3783893.77	2.70	9601
298218.31	3783892.28	1.64	9601
298208.73	3783890.86	2.40	9600
298198.23	3783889.29	2.34	9600
298187.46	3783888.03	1.78	9600
298172.99	3783886.47	2.33	9600
298158.63	3783885.15	2.55	9599
298143.15	3783883.48	2.53	9600
298129.30	3783880.99	2.66	9600
298112.73	3783879.01	2.76	9600
298099.00	3783877.38	3.55	9600
298082.68	3783875.46	3.98	9600
298075.70	3783874.20	4.67	9600
298058.62	3783872.36	4.62	9600
298041.90	3783870.45	4.84	9601
298025.46	3783868.50	5.14	9600
298009.33	3783866.17	6.14	9600
297993.95	3783864.68	5.89	9600
297978.51	3783862.67	6.04	9600
297968.61	3783861.15	6.05	9600
297955.83	3783859.49	6.05	9600
297942.15	3783858.37	5.97	9600
297927.19	3783856.58	5.88	9601
297912.44	3783854.74	5.90	9600
297897.44	3783852.78	5.91	9600
297881.49	3783850.97	5.97	9601
297867.93	3783848.93	6.18	9601
297867.90	3783848.97	6.11	9600
297851.14	3783847.01	6.09	9600
297834.10	3783844.44	6.00	9600
297818.82	3783842.46	6.24	9600
297804.30	3783840.85	6.15	9600
297791.25	3783839.57	6.10	9600
297775.49	3783838.08	6.13	9601
297767.35	3783837.19	5.95	9601
297744.97	3783930.74	6.32	9696
297758.16	3783932.15	6.23	9696
297770.52	3783933.51	6.25	9696
297783.27	3783935.31	6.30	9696
297794.35	3783936.43	6.26	9696
297806.46	3783937.94	6.18	9696
297817.82	3783939.59	6.06	9696
297829.17	3783941.09	6.10	9696
297840.97	3783942.48	6.15	9696
297852.48	3783943.96	6.12	9696
297864.98	3783945.48	6.24	9696
297877.65	3783946.99	6.19	9697
297890.43	3783948.40	6.15	9696
297903.63	3783950.00	6.22	9696
297915.58	3783951.52	6.15	9696
297929.13	3783952.90	5.92	9696
297942.51	3783955.10	5.91	9697
297956.09	3783956.10	5.91	9696
297969.42	3783958.03	5.95	9696
297981.39	3783959.40	6.13	9696
297995.04	3783961.38	5.79	9696
298007.20	3783962.74	5.20	9696

298020.04	3783964.71	4.73	9696
298033.74	3783966.29	4.56	9696
298046.44	3783967.45	4.56	9696
298058.72	3783968.83	4.26	9696
298070.07	3783970.56	3.89	9696
298081.54	3783971.98	3.32	9696
298092.41	3783973.17	3.11	9696
298105.17	3783974.84	2.76	9696
298118.72	3783976.64	2.68	9696
298130.49	3783977.97	2.74	9696
298143.76	3783979.68	2.81	9697
298155.71	3783980.67	2.64	9696
298165.46	3783982.28	2.69	9696
298177.67	3783983.88	2.49	9696
298191.38	3783985.71	2.60	9696
298204.05	3783987.01	2.65	9696
298215.83	3783988.61	2.69	9696
298228.14	3783989.81	2.56	9696
298238.58	3783991.20	2.56	9696
298247.72	3783992.41	2.60	9696
298258.08	3783993.65	2.53	9696
298267.30	3783994.73	2.63	9696

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299130.78	3781906.73	2.75	7518
299112.10	3781904.97	2.69	7519
299100.53	3781903.21	3.84	7518
299088.53	3781901.78	5.16	7519
299078.52	3781899.92	5.12	7518
299072.43	3781899.68	5.07	7518
299063.08	3781898.32	3.95	7518
299054.30	3781897.69	4.35	7519
299050.02	3781897.09	3.78	7519
299042.29	3781895.95	4.03	7518
299036.72	3781895.30	4.11	7518
299031.26	3781894.80	4.88	7519
299027.27	3781894.01	5.03	7518
299024.57	3781893.56	5.05	7518
299019.97	3781892.61	5.06	7518
299013.08	3781892.48	5.36	7519
299004.39	3781891.60	4.87	7519
298995.65	3781890.65	4.79	7519
298987.53	3781888.78	4.38	7519
298982.23	3781888.39	5.22	7518
298977.71	3781887.45	5.39	7518
298972.50	3781887.18	6.17	7518
298962.23	3781886.28	5.87	7519
298949.59	3781883.69	3.27	7518
298931.15	3781882.28	2.95	7519
298916.85	3781881.49	2.96	7519
298903.33	3781879.22	2.86	7519
298888.79	3781877.56	2.75	7519
298878.41	3781875.32	2.80	7519
299063.63	3781653.63	2.64	7275
299058.51	3781652.56	2.62	7275
299046.46	3781651.53	2.70	7276
299032.34	3781649.52	2.75	7275
299018.73	3781647.77	3.00	7275
299008.37	3781646.79	3.80	7275

298997.17	3781645.22	4.40	7275
298992.81	3781645.39	4.33	7276
298982.10	3781643.76	3.57	7276
298971.65	3781642.73	2.45	7276
298964.03	3781640.84	2.19	7275
298854.11	3781872.57	2.79	7518
298839.10	3781870.04	2.80	7518
298813.37	3781867.93	2.80	7518
298782.68	3781863.51	3.02	7518
298775.11	3781862.65	2.87	7518
298766.37	3781861.20	4.25	7518
298758.03	3781861.08	4.83	7519
298740.09	3781858.40	5.12	7518
298729.15	3781857.62	4.65	7519
298720.54	3781856.62	3.92	7519
298699.97	3781853.65	3.44	7518
298679.14	3781851.11	3.02	7518
298658.59	3781849.05	3.53	7519
298636.88	3781845.56	3.72	7518
298617.71	3781842.66	3.70	7518
298812.77	3781623.61	2.26	7276
298800.48	3781621.59	2.31	7276
298785.36	3781620.11	2.31	7276
298768.56	3781617.66	2.55	7276
298751.03	3781614.91	2.53	7275
298738.70	3781613.39	2.72	7275
298724.98	3781612.38	3.04	7276
298724.87	3781612.41	3.08	7276
298722.52	3781611.84	4.63	7275
298710.13	3781610.18	5.85	7276
298699.00	3781609.25	6.87	7276
298694.61	3781607.90	7.60	7275
298692.69	3781607.97	6.74	7276
298685.59	3781607.12	5.18	7275
298673.85	3781606.23	4.31	7276
298661.33	3781604.61	3.97	7276
298647.33	3781602.42	3.95	7275
298637.73	3781601.71	4.05	7275
298624.91	3781599.64	4.13	7275
298598.54	3781840.94	3.53	7518
298579.18	3781838.30	4.15	7518
298555.35	3781835.64	4.35	7518
298609.93	3781597.88	4.21	7275
298596.46	3781595.80	4.05	7275
298582.89	3781594.28	4.00	7275
298567.24	3781592.47	4.11	7275
298550.42	3781590.70	4.03	7276
298533.66	3781588.85	4.00	7276
298515.70	3781586.74	4.34	7276

I, KEITH J. ROBERTS, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF LOUISIANA, DO HEREBY STATE THAT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TO BE CORRECT AND COMPLETE. THIS SURVEY WAS PERFORMED UNDER MY SUPERVISION AT STANDARDS THAT MEET OR EXCEED THE MINIMUM PROCEDURES AND STANDARDS ESTABLISHED BY THE USACE MINIMUM ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.

Keith J. Roberts — 12-11-06

KEITH J. ROBERTS, PLS # 4780 — DATE

297074.62	3789176.35	4.18	14984
299602.43	3781965.89	2.23	7519
299580.32	3781963.89	2.57	7519
299546.41	3781956.03	2.37	7518
299515.31	3781956.01	2.03	7518
299473.47	3781948.80	2.50	7518
299447.89	3781945.46	2.35	7518
299407.81	3781940.34	2.30	7518
299355.12	3781935.63	2.31	7518
299321.25	3781930.34	2.34	7518
299293.28	3781927.35	2.29	7519
299266.57	3781923.38	2.35	7518
299242.14	3781921.34	2.45	7518
299217.17	3781917.36	2.45	7518
299194.86	3781914.57	2.75	7519
299171.27	3781912.33	2.73	7518
299359.29	3781935.24	2.16	7518
299633.91	3781723.77	2.49	7276
299611.27	3781720.16	2.46	7274
299611.36	3781720.35	2.42	7274
299589.69	3781719.10	2.56	7276
299572.35	3781716.59	2.43	7275
299561.30	3781714.26	2.57	7275
299549.61	3781713.69	2.46	7275
299536.79	3781712.79	2.34	7276
299519.92	3781710.42	2.51	7276
299492.74	3781705.61	2.36	7277
299488.62	3781705.07	2.52	7277
299470.32	3781702.22	2.59	7274
299459.09	3781702.02	2.48	7274
299438.65	3781700.24	2.37	7275
299416.23	3781697.14	2.53	7275
299393.39	3781692.43	2.43	7274
299372.26	3781691.59	2.40	7275
299355.77	3781689.15	2.48	7275
299337.55	3781687.21	2.43	7275
299320.78	3781684.89	2.44	7276
299303.94	3781682.90	2.64	7275
299287.15	3781680.71	2.57	7275
299269.63	3781678.46	2.62	7275
299250.87	3781676.90	2.51	7275
299232.72	3781674.85	2.48	7276
299211.91	3781671.55	2.61	7275
299197.18	3781669.92	2.41	7275
299177.78	3781667.74	2.81	7275
299163.02	3781665.34	2.69	7275
299150.26	3781665.46	2.57	7276
299133.05	3781662.23	2.55	7275
299107.78	3781659.30	2.57	7276
299091.77	3781656.94	2.75	7275
298958.62	3781641.68	2.59	7275
298932.37	3781637.44	2.35	7276
298910.76	3781635.19	2.27	7275
298882.53	3781631.74	2.31	7276
298855.74	3781629.02	2.21	7276
298835.44	3781625.52	2.50	7275
298832.00	3781624.60	2.17	7274
298817.24	3781623.88	2.37	7276
298799.75	3781621.93	2.32	7276
298959.16	3781396.87	2.48	7033
299058.79	3781409.00	2.82	7033
299071.15	3781410.93	2.85	7033
299100.61	3781414.65	2.88	7033
299110.49	3781416.56	2.88	7034
299125.55	3781419.65	2.59	7035
299136.43	3781419.13	2.29	7034
299144.52	3781421.35	2.49	7034
299154.88	3781421.17	2.48	7034
299169.65	3781423.39	2.34	7034
299182.50	3781424.67	2.49	7034
299205.46	3781428.08	2.57	7034
299231.41	3781431.03	2.55	7034
299250.17	3781433.08	2.57	7034
299283.24	3781437.29	2.73	7033
299307.69	3781440.04	2.73	7034
299328.71	3781443.18	2.84	7034
299339.14	3781443.47	2.61	7033
299358.31	3781446.64	2.56	7034
299376.69	3781448.90	2.67	7034
299397.56	3781451.44	2.50	7033
299415.52	3781454.40	2.46	7034
299437.30	3781455.23	2.45	7033
299455.95	3781458.60	2.51	7034
299468.56	3781459.90	2.59	7034
299495.17	3781464.88	2.53	7035
299501.57	3781463.17	2.43	7034
299526.01	3781467.12	2.36	7034
299541.96	3781468.53	2.40	7033
299555.40	3781470.09	2.43	7033
299567.67	3781472.14	2.47	7034
299581.84	3781473.95	2.44	7033
299609.83	3781477.76	2.65	7034
299640.09	3781481.26	2.56	7033
299662.43	3781483.39	2.57	7033
299644.71	3781236.58	4.24	6790
299654.97	3781238.48	5.29	6791
299665.65	3781239.66	5.07	6791
299671.28	3781241.45	3.94	6792
299692.81	3781243.08	2.56	6791
299703.75	3781244.19	2.21	6791
299573.51	3781229.70	2.69	6792
299555.71	3781227.44	2.66	6792
299534.63	3781223.99	2.62	6792
299519.33	3781221.75	2.77	6791
299500.81	3781220.56	2.60	6792
299479.49	3781217.23	2.61	6791
299461.52	3781214.98	2.68	6792
299438.67	3781211.93	2.59	6791
299413.19	3781208.93	2.88	6791
299389.35	3781207.91	2.69	6791
299386.47	3781205.79	2.63	6791
299360.37	3781202.74	2.68	6792
299358.18	3781202.52	2.87	6792
299357.63	3781202.60	2.68	6792
299337.90	3781200.12	2.60	6791
299310.48	3781195.89	2.63	6792
299308.69	3781195.24	2.61	6791
299289.72	3781193.03	2.67	6791
299260.17	3781191.95	2.64	6792
299227.35	3781186.66	2.67	6791
299192.11	3781182.32	2.84	6792
299159.38	3781178.93	2.65	6793
299133.84	3781174.00	2.74	6790
299098.81	3781169.38	2.63	6791
299071.25	3781166.08	2.75	6790
299041.30	3781160.84	2.52	6791
299037.32	3781162.80	2.75	6791
299598.14	3781231.85	2.91	6791
299782.24	3781011.99	2.83	6550
299756.17	3781007.12	3.05	6549
299747.86	3781006.25	2.91	6549
299711.43	3781003.40	2.68	6550

299688.29	3780999.72	2.72	6550
299670.51	3780996.97	2.55	6549
299655.09	3780994.71	2.73	6549
299632.93	3780993.16	2.90	6550
299632.74	3780992.64	2.80	6550
299605.99	3780988.95	3.01	6549
299582.05	3780986.21	2.72	6549
299569.09	3780984.45	2.72	6549
299548.96	3780982.36	2.90	6550
299524.95	3780979.48	2.81	6550
299505.08	3780976.75	2.91	6549
299480.71	3780973.79	2.84	6549
299459.26	3780971.25	2.87	6550
299437.23	3780967.57	2.85	6549
299415.30	3780965.00	2.75	6549
299393.16	3780962.77	2.96	6549
299369.63	3780959.14	2.84	6549
299348.14	3780956.68	2.81	6549
299327.37	3780954.65	2.95	6549
299302.38	3780951.58	2.77	6549
299279.88	3780948.97	2.66	6549
299259.65	3780946.76	2.96	6550
299240.51	3780944.47	2.78	6550
299222.45	3780941.77	2.82	6549
299205.82	3780939.89	2.80	6549
299178.92	3780936.20	2.72	6549
299152.03	3780932.12	2.74	6548
299134.12	3780930.57	2.74	6549
299110.39	3780927.90	2.62	6549
299080.31	3780924.37	2.75	6549
299058.76	3780922.97	2.55	6550
299030.61	3780918.23	2.57	6550
299008.83	3780915.28	2.80	6549
298978.04	3780912.82	2.81	6550
298955.35	3780908.50	3.53	6550
298954.36	3780908.73	2.77	6549
299017.58	3780673.58	2.77	6308
299061.59	3780678.73	2.87	6308
299075.87	3780680.95	2.63	6309
299106.12	3780684.79	2.80	6308
299113.77	3780685.69	2.92	6308
299127.44	3780687.23	2.74	6308
299155.85	3780690.04	2.98	6308
299177.90	3780692.96	3.08	6308
299199.21	3780695.29	2.72	6308
299217.81	3780699.27	2.62	6309
299233.15	3780700.85	2.78	6309
299259.84	3780704.20	2.98	6309
299280.57	3780705.16	3.05	6307
299299.90	3780708.70	3.12	6308
299319.89	3780710.40	2.83	6308
299342.04	3780713.88	3.30	6308
299369.91	3780716.97	2.77	6308
299386.79	3780719.16	2.96	6308
299403.84	3780721.31	2.78	6308
299427.11	3780720.96	2.85	6305
299449.93	3780727.14	3.34	6308
299473.88	3780729.15	3.00	6307
299494.06	3780731.70	2.87	6308
299518.61	3780734.88	2.86	6308
299532.92	3780737.38	2.79	6309
299549.78	3780739.82	2.85	6309
299567.73	3780741.75	2.94	6308
299588.32	3780743.96	2.78	6308
299606.25	3780744.74	2.69	6307
299623.62	3780748.43	2.63	6308
299643.41	3780751.04	2.87	6308
299663.99	3780753.98	2.76	6309
299681.64	3780755.27	2.85	6308
299701.02	3780758.08	2.75	6308
299728.10	3780761.11	2.73	6309
299749.85	3780763.53	2.90	6309
299555.65	3780496.13	3.05	6066
299526.62	3780492.65	3.04	6067
299511.17	3780490.57	2.96	6066
299489.65	3780487.86	2.83	6066
299476.00	3780486.82	2.85	6067
299462.01	3780485.08	2.54	6067
299444.99	3780482.73	2.77	6066
299425.88	3780480.65	2.82	6067
299407.00	3780478.08	2.75	6067
299385.70	3780475.80	2.56	6066
299353.29	3780471.51	2.51	6067
299321.53	3780467.81	2.77	6067
299311.20	3780466.06	2.79	6066
299283.15	3780462.80	2.66	6067
299259.02	3780460.30	2.98	6067
299236.56	3780457.00	2.74	6066
299216.81	3780454.93	2.79	6067
299191.97	3780451.38	2.74	6066
299168.83	3780448.95	2.61	6067
299145.35	3780446.12	2.55	6066
299122.91	3780443.51	2.64	6067
299107.17	3780440.30	2.72	6066
299090.73	3780439.00	2.72	6067
299071.27	3780436.88	2.78	6066
299054.84	3780435.12	2.89	6067
299037.26	3780432.42	2.60	6067
299016.67	3780429.61	2.79	6066
298999.43	3780428.31	2.73	6066
298977.45	3780425.45	2.77	6067
298953.51	3780422.36	3.01	6067
298937.74	3780420.24	3.03	6067
298923.65	3780418.45	2.89	6066
298910.60	3780416.92	2.64	6067
298899.44	3780415.54	2.60	6066
298848.40	3780164.98	2.68	5824
298872.26	3780167.06	2.49	5823
298887.98	3780168.96	2.42	5823
298910.26	3780171.75	2.60	5823
298925.00	3780174.00	2.59	5824
298958.06	3780178.05	2.42	5824
298973.29	3780181.19	2.37	5824
298990.80	3780182.76	2.40	5824
299003.01	3780182.93	2.44	5823
299018.52	3780185.51	2.32	5823
299032.30	3780187.02	1.90	5823
299043.20	3780188.54	2.58	5822
299057.03	3780190.57	2.70	5824
299074.40	3780191.92	2.55	5823
299094.61	3780194.34	2.61	5823
299113.90	3780197.09	2.61	5823
299127.90	3780198.77	2.82	5823
299141.94	3780200.40	2.75	5823
299162.37	3780203.08	2.67	5823
299186.84	3780206.07	2.81	5823
299205.92	3780208.30	2.88	5824
299225.12	3780210.59	2.70	5823
299241.33	3780212.19	2.77	5823
299263.93	3780216.33	2.85	5824
299272.91	3780216.92	2.59	5824
299295.28	3780219.51	2.94	5823
299300.66	3780220.34	2.45	5824
299323.19	3780223.01	2.53	5824
299339.20	3780225.27	3.13	5824
299348.47	3780224.82	2.76	5823
299368.71	3780228.57	2.79	5824
299388.80	3780230.25	2.60	5823
299396.92	3780231.94	2.97	5823
299404.36	3780232.15	2.70	5823
298820.09	3779918.43	2.61	5582
298850.92	3779921.43	2.43	5582
298867.79	3779924.63	2.15	5583
298868.08	3779923.79	2.16	5583
298879.25	3779926.99	2.16	5583
298880.55	3779925.69	2.33	5583
298900.99	3779928.51	2.14	5583
298918.73	3779929.69	2.38	5581
298933.94	3779932.30	2.48	5583
298949.10	3779934.07	2.35	5583
298967.08	3779936.36	2.12	5582
298979.98	3779937.79	2.36	5583
298990.96	3779939.29	2.30	5583
299006.45	3779940.62	2.37	5582
299018.74	3779942.40	2.37	5582
299029.14	3779944.08	2.49	5583
299041.09	3779945.21	2.47	5583
299053.92	3779947.09	2.50	5583
299070.77	3779948.95	2.66	5583
299088.47	3779950.84	2.35	5582
299103.89	3779953.58	2.31	5583
299123.11	3779954.98	2.04	5582
299144.39	3779956.91	2.68	5581
299157.56	3779959.43	2.78	5582
299180.68	3779963.22	2.89	5583
299196.48	3779963.87	2.99	5582
299212.30	3779966.94	5.23	5583
299228.20	3779967.87	6.66	5582
299234.30	3779968.49	6.41	5582
299239.12	3779969.10	4.29	5582
299256.76	3779972.14	2.80	5582
299271.71	3779973.72	2.60	5583
299313.16	3779978.00	1.90	5583
299337.93	3779981.72	1.80	5582
299356.08	3779984.17	1.98	5583
299380.10	3779987.30	1.80	5582
299428.63	3779992.66	1.83	5582
299447.10	3779996.20	1.88	5584
299470.71	3779998.02	1.86	5582
299483.08	3780000.84	1.74	5583
297074.62	3789176.31	4.19	14984
297074.72	3789176.29	4.15	14985
299312.24	3784123.24	2.67	9696
299327.70	3784125.25	2.72	9696
299271.94	3784118.41	2.52	9696
299250.91	3784115.21	2.57	9696
299234.14	3784113.32	2.65	9696
299212.76	3784111.89	2.66	9697
299183.76	3784107.74	2.52	9696
299156.98	3784104.84	2.56	9697
299124.93	3784100.25	2.60	9696
299095.84	3784096.94	2.51	9696
299070.09	3784093.81	2.66	9697
299038.45	3784089.60	2.65	9696
299006.59	3784086.25	2.50	9697
298970.79	3784081.72	2.63	9697

298931.99	3784076.93	2.70	9696
298895.62	3784072.81	2.80	9697
298862.58	3784068.15	2.78	9697
298826.67	3784064.53	2.63	9697
298796.80	3784059.80	2.81	9696
298770.18	3784056.44	2.75	9696
298737.01	3784053.31	3.05	9697
298719.97	3784051.01	3.09	9697
298714.00	3784049.95	3.51	9696
298707.95	3784049.43	3.54	9696
298702.59	3784048.55	3.16	9696
298677.86	3784045.35	3.06	9696
298654.43	3784042.47	2.77	9696
298624.36	3784039.22	2.84	9697
298597.35	3784035.12	2.71	9696
298568.70	3784032.09	2.71	9696
298544.46	3784028.87	2.71	9696
298518.16	3784026.03	2.55	9697
298485.51	3784021.47	2.80	9696
298463.29	3784017.90	3.20	9695
298452.32	3784017.26	3.16	9696
298431.02	3784014.38	3.32	9696
298401.73	3784011.98	2.90	9697
298358.62	3784006.10	2.66	9696
298332.61	3784002.83	2.62	9696
298305.23	3783999.79	2.62	9697
298271.63	3783995.75	2.65	9697
298245.74	3783991.90	2.67	9696
298218.62	3783989.53	2.76	9697
298180.82	3783984.67	2.85	9696
298150.77	3783981.09	2.84	9697
298125.00	3783977.34	2.67	9696
298106.69	3783975.10	3.29	9696
298078.43	3783971.62	3.63	9696
298044.62	3783967.50	4.21	9696
298011.19	3783963.43	5.01	9696
297986.37	3783960.07	6.02	9696
297959.63	3783956.86	6.09	9696
297929.40	3783953.20	5.82	9696
297929.41	3783953.26	5.86	9696
297873.62	3784190.52	5.92	9939
297908.24	3784194.93	6.10	9939
297943.24	3784198.70	6.06	9938
297979.92	3784203.41	5.01	9938
297979.90	3784203.47	5.07	9938
298012.77	3784207.43	3.91	9938
298045.10	3784211.29	3.34	9938
298069.14	3784214.47	3.24	9938
298087.69	3784216.88	3.41	9939
298100.99	3784218.56	3.25	9939
298123.17	3784220.85	2.54	9938
298147.56	3784224.85	2.67	9939
298174.05	3784227.30	2.67	9938
298189.02	3784228.72	3.62	9938
298203.71	3784231.64	3.63	9939
298221.09	3784233.55	4.03	9939
298228.84	3784234.06	3.63	9938
298242.03	3784235.21	3.51	9938
298264.53	3784238.86	2.82	9939
298282.98	3784240.24	3.00	9938
298310.02	3784243.97	3.02	9938
298332.60	3784246.67	2.86	9938
298355.92	3784249.93	3.19	9939
298386.37	3784253.25	3.16	9938
298397.18	3784254.76	3.12	9938
298414.25	3784257.12	3.33	9939
298425.40	3784258.13	3.00	9938
298453.54	3784261.86	3.21	9939
298481.36	3784264.98	3.89	9938
298516.28	3784269.07	3.61	9938
298538.45	3784272.27	3.70	9939
298577.69	3784277.04	3.03	9938
298598.84	3784279.07	2.81	9938
298618.09	3784281.71	3.04	9938
298645.00	3784284.01	2.93	9937
298671.83	3784288.34	2.97	9938
298671.84	3784288.16	2.98	9938
298705.38	3784292.52	3.04	9938
298739.63	3784296.15	2.98	9938
298761.52	3784298.58	2.90	9938
298780.57	3784301.01	2.76	9938
298804.01	3784303.14	2.91	9937
298824.16	3784307.29	2.73	9939
298848.12	3784310.17	2.56	9938
298874.27	3784313.21	2.68	9938
298908.81	3784317.02	2.64	9938
298935.74	3784319.83	2.64	9937
298961.26	3784323.65	2.63	9938
298987.49	3784327.67	2.54	9939
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299047.87	3784334.58	2.52	9938
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299167.39	3784349.76	2.46	9939
299206.30	3784354.13	2.50	9938
299237.93	3784357.87	2.33	9938
299271.79	3784361.65	2.39	9938
299296.76	3784365.80	2.47	9939
299314.54	3784366.98	2.70	9937
299325.47	3784368.40	3.29	9938
299325.62	3784368.33	3.28	9938
299335.23	3784370.22	3.72	9938
299340.37	3784371.10	3.05	9939
299352.77	3784374.41	1.80	9940
299362.28	3784373.05	1.83	9938
299364.70	3784373.46	1.70	9938
299365.44	3784374.22	0.62	9939
299298.66	3784609.01	1.77	10180
299299.96	3784608.91	0.39	10180
299283.87	3784606.56	3.42	10179
299273.75	3784605.55	4.66	10179
299265.12	3784604.49	3.15	10179
299254.91	3784604.37	2.96	10181
299228.54	3784600.68	2.63	10180
299208.75	3784598.64	2.50	10181
299185.56	3784595.92	2.37	10181
299167.33	3784593.63	2.36	10181
299141.64	3784590.11	2.33	10180
299113.55	3784586.87	2.35	10181
299093.93	3784584.19	2.41	10180
299067.98	3784581.58	2.43	10181
299046.92	3784578.95	2.41	10181
299019.20	3784574.29	2.48	10180
298990.62	3784571.87	2.37	10180
298957.72	3784567.31	2.37	10180
298925.75	3784563.13	2.46	10180
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298879.41	3784557.82	2.55	10180
298857.52	3784555.86	2.73	10181
298837.15	3784553.15	2.64	10181
298815.43	3784550.25	2.77	10181
298794.44	3784547.14	2.68	10179
298772.47	3784544.76	2.77	10180
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298681.98	3784533.65	2.88	10180
298662.09	3784531.21	2.99	10181
298640.73	3784528.75	2.89	10180
298639.03	3784528.10	2.71	10180
298628.31	3784526.50	2.89	10180
298606.94	3784524.03	2.74	10180
298569.47	3784520.34	2.91	10181
298546.74	3784516.61	2.90	10180
298524.63	3784514.11	2.97	10180
298509.28	3784512.62	2.65	10181
298489.44	3784508.47	2.90	10180
298489.32	3784509.44	2.68	10180
298464.32	3784505.80	2.33	10180
298438.18	3784503.27	3.33	10180
298410.16	3784499.61	3.63	10180
298380.19	3784495.89	4.14	10180
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298320.73	3784488.07	3.13	10179
298320.38	3784488.08	3.12	10179
298306.10	3784487.20	2.77	10180
298274.09	3784483.84	3.26	10181
298248.80	3784480.64	3.17	10181
298207.25	3784474.97	3.10	10180
298182.63	3784472.51	3.36	10181
298158.33	3784468.91	3.30	10180
298146.58	3784467.98	3.29	10181
298135.17	3784465.18	3.26	10179
298115.55	3784464.19	3.60	10181
298095.01	3784461.46	3.78	10180
298080.28	3784459.69	4.39	10180
298064.27	3784457.99	4.21	10181
298039.48	3784454.35	3.78	10180
298018.90	3784451.92	3.77	10180
297987.77	3784448.02	3.92	10180
297954.45	3784443.86	4.07	10180
297923.06	3784439.98	5.56	10180
297898.36	3784437.67	6.17	10181
297878.12	3784434.93	5.96	10181
297844.92	3784430.71	6.27	10180
297811.13	3784426.27	6.58	10180
297800.47	3784668.96	4.57	10422
297827.79	3784672.26	5.13	10422
297841.83	3784673.53	5.93	10422
297868.69	3784677.59	6.67	10423
297898.94	3784680.76	4.67	10422
297929.13	3784684.98	4.19	10423
297947.68	3784686.78	4.50	10422
297959.04	3784688.67	4.66	10423
297983.23	3784691.52	3.98	10422
298005.28	3784694.27	3.27	10422
298029.73	3784696.89	2.63	10422
298047.46	3784699.51	2.65	10423
298074.19	3784702.77	2.60	10423
298100.57	3784706.79	2.61	10423
298122.79	3784708.16	2.46	10422
298140.43	3784711.50	3.03	10423
298167.25	3784712.82	2.67	10421
298184.84	3784716.12	3.79	10422

298191.61	3784717.37	4.15	10423
298209.96	3784719.75	3.47	10423
298230.32	3784721.81	3.02	10422
298245.21	3784724.17	3.44	10423
298266.84	3784726.34	3.36	10422
298285.18	3784728.96	3.21	10423
298303.58	3784730.57	2.87	10422
298325.71	3784733.44	2.67	10422
298346.70	3784736.10	2.86	10422
298358.18	3784737.64	2.68	10423
298380.87	3784740.51	2.66	10422
298402.56	3784743.11	2.68	10422
298425.52	3784745.81	2.72	10422
298450.17	3784748.32	2.74	10422
298471.17	3784751.34	2.77	10422
298493.46	3784754.30	2.75	10422
298516.86	3784757.81	2.72	10423
298537.87	3784759.49	2.62	10423
298553.80	3784761.83	2.68	10423
298585.92	3784764.81	2.68	10423
298607.88	3784767.75	2.62	10422
298623.61	3784769.66	2.62	10422
298646.45	3784772.35	2.65	10422
298676.40	3784776.36	2.55	10423
298676.79	3784776.55	2.70	10422
298700.36	3784779.05	2.58	10421
298723.47	3784782.49	2.54	10422
298747.74	3784785.55	2.54	10422
298775.75	3784789.18	2.54	10423
298803.87	3784791.69	2.51	10422
298846.74	3784798.18	2.47	10423
298874.69	3784800.73	2.50	10422
298903.48	3784804.27	2.44	10422
298929.19	3784808.06	2.42	10421
298957.00	3784811.47	2.38	10423
298984.44	3784814.90	2.29	10422
299008.43	3784817.33	2.28	10422
299036.06	3784820.73	2.35	10422
299067.74	3784825.11	2.32	10422
299094.80	3784827.93	2.31	10422
299120.21	3784831.33	2.29	10422
299143.61	3784834.41	2.41	10423
299166.30	3784836.02	1.64	10422
299164.27	3784836.29	2.89	10423
299176.30	3784838.21	2.84	10423
299188.23	3784840.37	3.07	10423
299187.91	3784839.32	3.14	10422
299210.42	3784842.09	4.76	10422
299218.04	3784843.04	4.40	10422
299241.49	3784845.96	0.66	10422
299211.58	3785086.10	0.84	10664
299188.75	3785083.35	1.82	10664
299172.75	3785081.35	4.34	10664
299149.71	3785078.46	3.47	10664
299112.97	3785073.97	3.15	10664
299090.10	3785071.21	2.43	10664
299073.06	3785073.81	2.28	10669
299035.48	3785068.22	2.39	10668
299032.68	3785064.67	2.34	10665
299002.96	3785061.04	2.34	10665
298968.78	3785056.80	2.33	10665
298945.42	3785054.04	2.30	10664
298916.46	3785049.62	2.32	10664
298885.16	3785046.14	2.31	10664
298859.46	3785042.71	2.30	10664
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298803.61	3785036.53	2.29	10665
298769.15	3785032.04	2.37	10664
298742.84	3785028.02	2.46	10663
298704.60	3785023.30	2.40	10664
298673.12	3785019.62	2.36	10664
298648.12	3785016.56	2.32	10664
298620.59	3785013.53	2.45	10664
298585.37	3785009.78	2.32	10665
298552.99	3785005.87	2.42	10665
298524.87	3785001.84	2.48	10664
298485.36	3784998.00	2.51	10665
298485.11	3784996.73	2.51	10664
298450.09	3784992.75	2.45	10664
298419.82	3784988.74	2.40	10664
298388.95	3784985.32	2.55	10664
298355.92	3784981.94	2.51	10664
298299.26	3784974.50	2.54	10665
298263.55	3784970.36	2.55	10665
298233.55	3784966.18	2.67	10664
298207.15	3784963.01	2.69	10665
298182.80	3784959.80	2.86	10664
298172.11	3784957.96	2.92	10664
298146.69	3784955.16	3.00	10664
298121.91	3784952.24	3.24	10664
298101.29	3784949.62	4.12	10664
298082.55	3784947.57	5.96	10664
298063.53	3784945.24	5.20	10665
298062.03	3784944.89	3.32	10664
298041.33	3784942.41	3.25	10664
298020.32	3784939.83	3.25	10664
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297952.79	3784931.48	3.39	10664
297923.84	3784928.09	3.06	10664
297892.53	3784923.38	3.89	10664
297869.35	3784920.96	4.92	10664
297847.86	3784918.43	6.17	10664
297825.57	3784915.38	6.33	10664
297809.80	3784913.82	5.83	10664
297753.01	3784907.05	5.90	10664
297713.88	3785146.18	5.07	10907
297738.01	3785148.86	4.93	10906
297770.70	3785152.59	5.51	10906
297793.04	3785155.82	4.39	10906
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297924.01	3785172.01	3.54	10906
297949.29	3785175.27	3.16	10906
297979.05	3785178.60	3.35	10906
297988.04	3785179.99	3.66	10907
297991.34	3785180.18	5.12	10907
298014.63	3785182.91	4.85	10906
298035.09	3785185.54	3.34	10906
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298079.20	3785190.74	2.47	10906
298091.26	3785192.56	2.63	10906
298112.30	3785195.22	2.25	10906
298132.18	3785197.30	2.33	10906
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298182.18	3785203.75	2.29	10907
298205.30	3785206.01	2.34	10906
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298258.82	3785213.95	2.32	10907
298290.02	3785216.90	2.33	10907
298315.10	3785219.83	2.29	10906
298341.39	3785223.22	2.27	10907
298372.64	3785227.58	2.36	10907
298398.08	3785230.52	2.27	10907
298421.89	3785233.20	2.29	10906
298452.88	3785237.40	2.22	10907
298467.90	3785238.98	2.35	10907
298502.42	3785242.63	2.37	10906
298531.28	3785245.97	2.34	10906
298557.62	3785249.76	2.46	10906
298589.32	3785254.08	2.39	10907
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298648.43	3785261.39	2.27	10907
298674.20	3785264.03	2.30	10907
298703.34	3785267.98	2.24	10907
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298834.40	3785283.39	2.23	10906
298834.37	3785283.37	2.29	10906
298861.01	3785287.46	2.10	10906
298893.04	3785291.45	2.26	10907
298924.56	3785295.00	2.28	10907
298956.27	3785299.54	2.12	10907
298987.53	3785303.05	2.31	10906
299011.97	3785305.56	2.28	10907
299038.14	3785308.91	2.51	10907
299054.12	3785310.57	3.42	10906
299093.23	3785315.36	3.65	10906
299117.17	3785318.30	3.29	10906
299135.93	3785320.63	0.97	10906
299084.30	3785558.09	0.56	11148
299066.12	3785555.90	2.22	11148
299051.05	3785554.02	3.05	11148
299028.78	3785551.24	3.83	11148
299005.52	3785548.27	3.51	11148
298981.57	3785545.41	2.17	11148
298957.62	3785542.75	2.18	11148
298921.33	3785538.64	2.13	11149
298888.38	3785534.51	1.79	11148
298855.67	3785530.41	1.98	11148
298823.41	3785525.43	2.26	11148
298797.75	3785523.17	2.61	11148
298797.48	3785523.20	2.11	11148
298766.11	3785518.28	1.99	11147
298725.62	3785514.16	1.98	11148
298692.32	3785510.41	1.97	11149
298658.25	3785506.00	1.97	11148
298629.54	3785503.11	1.99	11149
298604.16	3785499.68	2.07	11149
298574.70	3785495.59	2.03	11148
298545.92	3785492.82	1.99	11149
298509.64	3785488.04	2.04	11149
298470.43	3785483.04	2.06	11149
298442.40	3785479.68	2.16	11149
298414.89	3785476.41	2.28	11149
298383.13	3785472.04	2.14	11148
298354.51	3785469.05	2.22	11149
298330.07	3785466.04	2.38	11149
298301.31	3785462.29	2.24	11149
298270.65	3785458.92	2.33	11149
298239.99	3785454.21	2.27	11148
298204.50	3785450.63	2.28	11149
298179.59	3785446.66	2.24	11148

298147.52	3785443.15	2.09	11148
298116.67	3785439.97	2.16	11149
298086.00	3785435.18	2.18	11148
298060.81	3785432.39	2.23	11148
298035.99	3785429.54	2.31	11148
298010.28	3785426.55	2.40	11149
297985.03	3785423.26	2.29	11148
297964.43	3785420.69	2.59	11148
297932.29	3785416.60	3.53	11148
297898.87	3785412.32	4.10	11148
297870.19	3785409.22	3.90	11148
297841.78	3785405.30	3.90	11148
297815.01	3785402.47	4.38	11148
297805.05	3785400.87	4.95	11148
297784.18	3785398.57	5.07	11148
297759.27	3785395.42	4.90	11148
297735.64	3785392.44	5.18	11148
297707.08	3785388.61	4.84	11148
297675.40	3785384.63	5.30	11148
297640.08	3785624.30	4.70	11390
297678.03	3785629.54	4.74	11391
297699.09	3785631.62	4.68	11390
297734.94	3785636.42	4.64	11391
297760.76	3785639.59	5.54	11391
297789.06	3785642.82	3.68	11390
297820.29	3785646.68	3.30	11390
297851.03	3785650.66	3.32	11390
297880.04	3785654.73	3.25	11391
297907.52	3785657.21	2.93	11390
297945.56	3785662.38	2.58	11391
297959.28	3785664.28	2.58	11391
297984.61	3785666.92	2.57	11390
298014.87	3785670.72	2.38	11390
298062.00	3785676.64	2.22	11391
298089.05	3785680.08	2.32	11391
298111.20	3785682.37	2.14	11391
298136.37	3785685.86	2.16	11390
298136.51	3785686.03	2.22	11391
298163.69	3785689.47	2.10	11391
298194.22	3785693.10	2.16	11391
298222.73	3785696.57	2.12	11391
298253.86	3785699.70	2.12	11390
298281.24	3785704.12	2.05	11391
298315.42	3785707.77	2.04	11391
298345.77	3785712.04	2.05	11391
298379.19	3785716.49	2.00	11391
298379.21	3785716.41	1.98	11391
298416.07	3785720.24	1.96	11391
298450.34	3785723.70	1.91	11390
298485.38	3785728.06	1.86	11390
298517.68	3785732.69	1.83	11391
298541.96	3785735.27	1.79	11390
298570.86	3785739.21	1.96	11391
298598.56	3785742.17	1.94	11390
298629.28	3785746.16	1.60	11390
298662.67	3785750.40	1.92	11391
298688.80	3785753.58	1.73	11390
298722.95	3785757.58	1.77	11390
298754.22	3785761.81	1.84	11390
298784.96	3785765.32	1.52	11390
298809.31	3785768.58	1.75	11391
298833.13	3785771.38	1.27	11390
298857.46	3785774.28	1.67	11391
298886.76	3785778.21	1.59	11391
298909.75	3785780.28	1.79	11390
298932.45	3785783.20	2.08	11390
298961.14	3785786.35	3.18	11389
298983.34	3785790.64	4.34	11391
298996.19	3785791.12	4.94	11391
299002.07	3785792.39	5.40	11390
299009.51	3785793.17	3.10	11391
299020.87	3785793.56	1.19	11390
299028.58	3785795.57	0.65	11391
298984.07	3786033.53	1.25	11632
298964.97	3786031.26	2.40	11632
298958.81	3786030.44	4.26	11632
298947.67	3786028.75	4.64	11632
298924.65	3786026.29	4.65	11632
298918.82	3786025.44	4.54	11633
298904.48	3786023.97	3.91	11633
298889.75	3786021.97	2.37	11632
298875.77	3786020.36	1.85	11633
298851.35	3786017.74	1.40	11633
298825.35	3786014.44	1.23	11632
298825.42	3786014.40	1.31	11633
298803.04	3786011.35	1.32	11632
298779.53	3786007.54	1.51	11631
298751.95	3786004.91	1.47	11632
298730.28	3786002.74	1.26	11632
298701.11	3785997.86	1.09	11631
298669.77	3785994.92	1.71	11632
298642.65	3785992.30	1.82	11633
298618.88	3785989.11	1.72	11633
298591.18	3785985.32	1.67	11632
298553.95	3785980.00	1.78	11631
298523.81	3785977.36	1.81	11633
298498.42	3785973.69	1.71	11632
298465.38	3785969.72	1.80	11632
298441.53	3785966.98	1.84	11632
298418.12	3785964.05	1.89	11632
298388.68	3785959.46	1.97	11631
298358.40	3785955.40	1.95	11631
298326.54	3785952.76	1.79	11632
298291.91	3785948.03	1.97	11632
298259.68	3785944.45	2.07	11632
298229.58	3785940.40	2.12	11632
298196.53	3785936.02	2.13	11632
298165.59	3785933.12	2.13	11632
298137.00	3785929.01	2.18	11632
298110.50	3785926.13	2.19	11632
298085.96	3785923.15	2.16	11632
298064.10	3785920.21	2.27	11632
298043.86	3785917.70	2.35	11632
298023.92	3785915.36	2.53	11632
298004.42	3785913.14	2.65	11633
297985.47	3785911.03	2.66	11632
297981.97	3785909.92	2.74	11632
297966.44	3785907.79	2.68	11632
297949.86	3785906.03	2.93	11632
297930.76	3785903.47	3.25	11632
297911.13	3785901.21	3.33	11632
297895.08	3785899.28	3.13	11632
297876.90	3785895.97	3.14	11631
297858.25	3785895.00	3.15	11632
297829.56	3785891.57	3.08	11632
297796.73	3785887.49	3.29	11632
297761.78	3785883.10	3.36	11632
297735.28	3785879.87	3.96	11632
297717.02	3785877.68	5.59	11632
297711.85	3785876.91	8.14	11632
297703.72	3785876.20	5.36	11632
297676.28	3785872.37	3.97	11632
297664.95	3785871.45	4.25	11632
297628.29	3785866.80	4.16	11632
297612.96	3785865.43	4.26	11633
297560.40	3786102.46	3.78	11874
297596.53	3786107.12	4.11	11875
297629.31	3786110.52	4.61	11874
297661.96	3786114.81	3.62	11875
297672.69	3786116.07	4.18	11874
297680.14	3786116.87	7.52	11874
297693.83	3786118.81	5.26	11874
297732.05	3786123.42	3.30	11874
297766.97	3786127.81	2.90	11874
297793.44	3786131.32	2.79	11875
297807.28	3786132.73	2.75	11874
297545.84	3786345.25	4.37	12116
297575.03	3786347.93	4.40	12116
297593.17	3786350.34	4.02	12116
297614.32	3786352.89	4.73	12116
297622.59	3786354.08	8.36	12117
297628.56	3786354.44	5.00	12116
297653.40	3786357.28	4.48	12116
297685.19	3786361.50	4.41	12116
297709.32	3786364.60	4.30	12116
297738.48	3786368.23	3.50	12116
297772.19	3786372.65	3.05	12117
297473.40	3786661.68	4.59	12440
297513.47	3786666.93	3.99	12440
297548.82	3786670.98	4.34	12440
297575.78	3786674.37	5.02	12440
297582.18	3786675.76	6.02	12441
297610.80	3786678.88	4.50	12440
297650.11	3786683.80	3.92	12440
297684.25	3786687.72	4.06	12440
297720.81	3786692.20	3.86	12440
297752.92	3786696.44	3.76	12441
297789.00	3786700.93	3.64	12441
297825.47	3786705.16	3.04	12440
297839.61	3786706.93	2.66	12440
297866.00	3786709.31	2.29	12439
297871.61	3786712.98	2.36	12443
297871.61	3786712.57	2.39	12442
297897.57	3786713.40	2.37	12440
297921.11	3786717.34	2.21	12441
297951.45	3786720.85	2.42	12440
297980.41	3786722.50	2.41	12439
298013.44	3786728.24	2.79	12440
298026.58	3786730.71	3.29	12441
298047.29	3786732.50	4.74	12440
298071.70	3786735.06	3.87	12439
298097.03	3786737.44	4.06	12438
298099.48	3786741.13	4.15	12439
298109.27	3786740.19	4.63	12440
298118.28	3786739.92	8.68	12439
298131.20	3786742.85	9.12	12440
298146.03	3786744.35	8.03	12440
298302.85	3786763.95	1.87	12440
298286.16	3786760.75	3.17	12439
298258.27	3786757.69	4.62	12439
298225.78	3786754.11	5.69	12440
298218.61	3786754.08	6.70	12441
298203.26	3786751.29	7.12	12440
298194.75	3786749.69	6.68	12439
298183.30	3786749.22	7.20	12440
298168.90	3786747.08	7.55	12440

298163.93	3786747.30	7.63	12441
297975.80	3786397.77	2.75	12117
298000.25	3786400.47	2.89	12116
298024.13	3786403.81	2.89	12117
298044.07	3786405.58	2.92	12116
298058.31	3786407.21	2.65	12116
297951.53	3786393.27	2.61	12116
297922.25	3786391.46	2.78	12117
297898.19	3786387.17	2.60	12115
297865.65	3786384.67	2.73	12117
297836.36	3786379.99	2.48	12116
297801.77	3786375.98	2.52	12116
297789.09	3786374.66	2.72	12117
297830.46	3786135.89	2.77	11874
297861.69	3786139.11	2.62	11874
297893.74	3786143.45	2.86	11875
297925.60	3786145.58	2.80	11875
297924.98	3786147.47	2.92	11875
297966.41	3786152.53	2.53	11874
298003.54	3786157.03	2.37	11875
298028.18	3786159.21	2.33	11873
298039.69	3786162.79	2.39	11876
298069.94	3786165.66	2.28	11875
298094.82	3786169.18	2.26	11875
298118.80	3786172.31	2.32	11876
298144.98	3786174.37	2.17	11874
298173.15	3786178.88	2.19	11875
298198.57	3786181.70	2.29	11875
298227.29	3786185.29	2.08	11875
298251.30	3786188.41	2.15	11876
298286.93	3786192.40	2.10	11875
298315.72	3786196.50	2.11	11876
298353.55	3786201.72	1.96	11876
298386.76	3786205.57	1.97	11875
298417.24	3786208.36	2.24	11875
298457.36	3786213.39	1.95	11875
298481.79	3786215.64	1.92	11874
298508.78	3786219.66	1.93	11875
298548.40	3786225.53	1.63	11876
298580.49	3786228.74	1.79	11875
298603.77	3786231.52	1.84	11875
298629.97	3786234.84	1.55	11876
298675.92	3786240.52	1.49	11875
298699.52	3786242.37	1.47	11874
298737.50	3786247.87	2.46	11875
298774.97	3786252.45	3.05	11875
298821.28	3786258.18	4.46	11875
298854.01	3786262.23	5.44	11875
298881.46	3786265.54	3.94	11875
298901.47	3786268.05	0.37	11875
298705.34	3786486.85	0.95	12116
298686.48	3786484.51	2.20	12116
298649.44	3786479.88	4.68	12116
298619.43	3786476.18	3.34	12116
298586.41	3786472.10	1.87	12116
298573.04	3786470.11	2.01	12116
298548.86	3786467.39	2.01	12116
298525.00	3786464.71	1.87	12116
298496.64	3786461.31	2.01	12116
298470.22	3786458.53	2.01	12117
298448.54	3786454.19	2.08	12115
298426.99	3786452.24	1.96	12116
298406.75	3786450.51	2.09	12117
298386.33	3786447.02	1.90	12116
298367.06	3786444.88	1.95	12117
298342.08	3786441.87	2.03	12116
298314.38	3786438.52	2.15	12116
298288.42	3786435.46	2.08	12116
298261.62	3786432.08	2.06	12116
298237.37	3786428.30	2.04	12116
298214.15	3786426.57	2.16	12116
298190.72	3786422.91	2.14	12116
298164.85	3786419.62	2.27	12115
298141.59	3786417.57	2.30	12117
298120.38	3786415.72	2.32	12117
298096.20	3786412.22	2.51	12117
298076.64	3786409.75	2.50	12116
299408.38	3784135.40	0.78	9696
299393.37	3784133.55	2.13	9697
299378.85	3784131.66	3.44	9696
299362.06	3784129.60	2.94	9696
299337.37	3784126.59	2.55	9697
299324.19	3784124.73	2.51	9696
297074.64	3789176.42	4.20	14985

THIS AFTER DREDGE SURVEY WAS CONDUCTED
ON THE GROUND BY WEEKS MARINE EMPLOYEES
WITH ON-SITE SUPERVISON OF A C.H. FENSTERMAKER EMPLOYEE.
ALL DATA SHOWN WAS PROCESSED AS-IS BY C.H. FENSTERMAKER
ON JANUARY 10, 2007.

"I, KEITH J. ROBERTS, A PROFESSIONAL LAND SURVEYOR IN"

"THE STATE OF LOUISIANA, DO HEREBY STATE THAT"
"THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF,"

TO BE CORRECT AND COMPLETE. THIS SURVEY WAS PERFORMED
UNDER MY SUPERVISION AT STANDARDS THAT MEET OR EXCEED
THE MINIMUM PROCEDURES AND STANDARDS ESTABLISHED BY
"THE USACE MINIMUM ACCURACY STANDARDS, QUALITY CONTROL, "

AND QUALITY ASSURANCE REQUIREMENTS FOR NAVIGATION
AND DREDGING SUPPORT SURVEYS.

1/15/07

"KEITH J. ROBERTS, PLS # 4780" DATE

THIS AFTER DREDGE SURVEY WAS CONDUCTED
ON THE GROUND BY WEEKS MARINE EMPLOYEES
WITH ON-SITE SUPERVISON OF A C.H. FENSTERMAKER EMPLOYEE.
ALL DATA SHOWN WAS PROCESSED AS-IS BY C.H. FENSTERMAKER
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AND QUALITY ASSURANCE REQUIREMENTS FOR NAVIGATION
AND DREDGING SUPPORT SURVEYS.

1/15/07

"KEITH J. ROBERTS, PLS # 4780" DATE

APPENDIX M

BEACH FILL GRAIN SIZE ANALYSIS

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH001 STA 31+62

Analysis Date: 06-15-06

Analyzed By: RS

Coastal Planning & Engineering
2481 NW Boca Raton Blvd, Boca Raton
FL 33431
ph (561) 391-8102
fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,777,479	298,932	Louisiana South State Plane	0.0

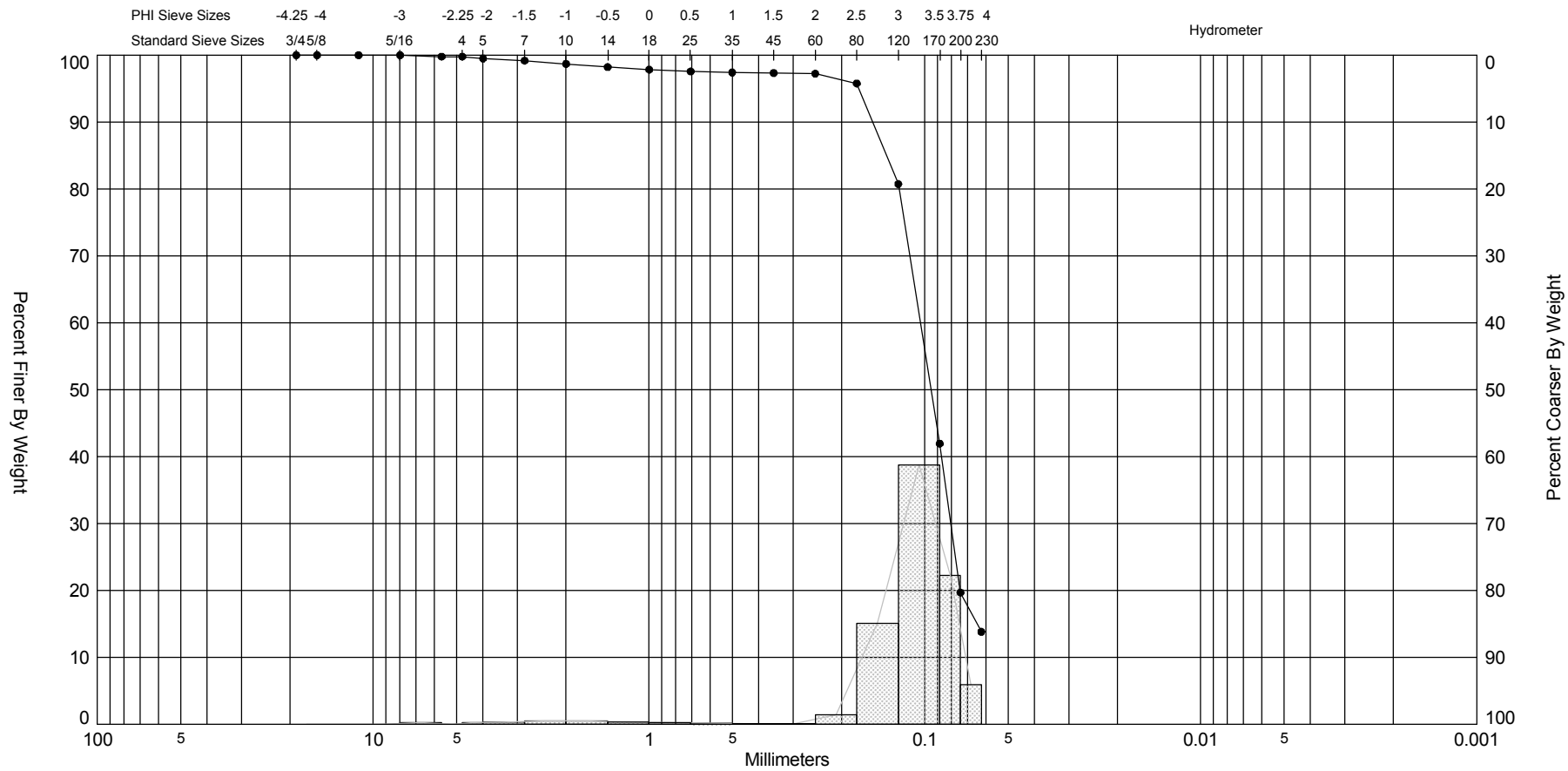
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 2.5Y-6/1	06/08/2006, 18:45

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
91.96	81.80	2.54	0.01	#200 - 19.69 #230 - 13.81			1

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.19	0.21	0.19	0.21
4	-2.25	4.76	0.00	0.00	0.19	0.21
5	-2.00	4.00	0.26	0.28	0.45	0.49
7	-1.50	2.83	0.30	0.33	0.75	0.82
10	-1.00	2.00	0.44	0.48	1.19	1.30
14	-0.50	1.41	0.44	0.48	1.63	1.78
18	0.00	1.00	0.34	0.37	1.97	2.15
25	0.50	0.71	0.27	0.29	2.24	2.44
35	1.00	0.50	0.13	0.14	2.37	2.58
45	1.50	0.35	0.07	0.08	2.44	2.66
60	2.00	0.25	0.10	0.11	2.54	2.77
80	2.50	0.18	1.33	1.45	3.87	4.22
120	3.00	0.13	13.84	15.05	17.71	19.27
170	3.50	0.09	35.66	38.78	53.37	58.05
200	3.75	0.07	20.47	22.26	73.84	80.31
230	4.00	0.06	5.41	5.88	79.25	86.19

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.91	3.69	3.40	3.07	2.89	2.53

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.15	0.11	0.83	-4.32	25.06



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH001 STA 31+62	—●—	0.0	SM	#200 - 19.69 #230 - 13.81			3.4	3.15	-4.32	25.06	0.83

Comments: 06/08/2006, 18:45

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	06-15-06
Analyzed By:	RS
Easting (X, ft):	3,777,479
Northing (Y, ft):	298,932
Horizontal System:	NAD 1983
Vertical System:	

Coastal Planning & Engineering
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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH002 STA 34+04

Analysis Date: 06-21-06

Analyzed By: DA

Coastal Planning & Engineering
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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,777,766	298,936	Louisiana South State Plane	0.0

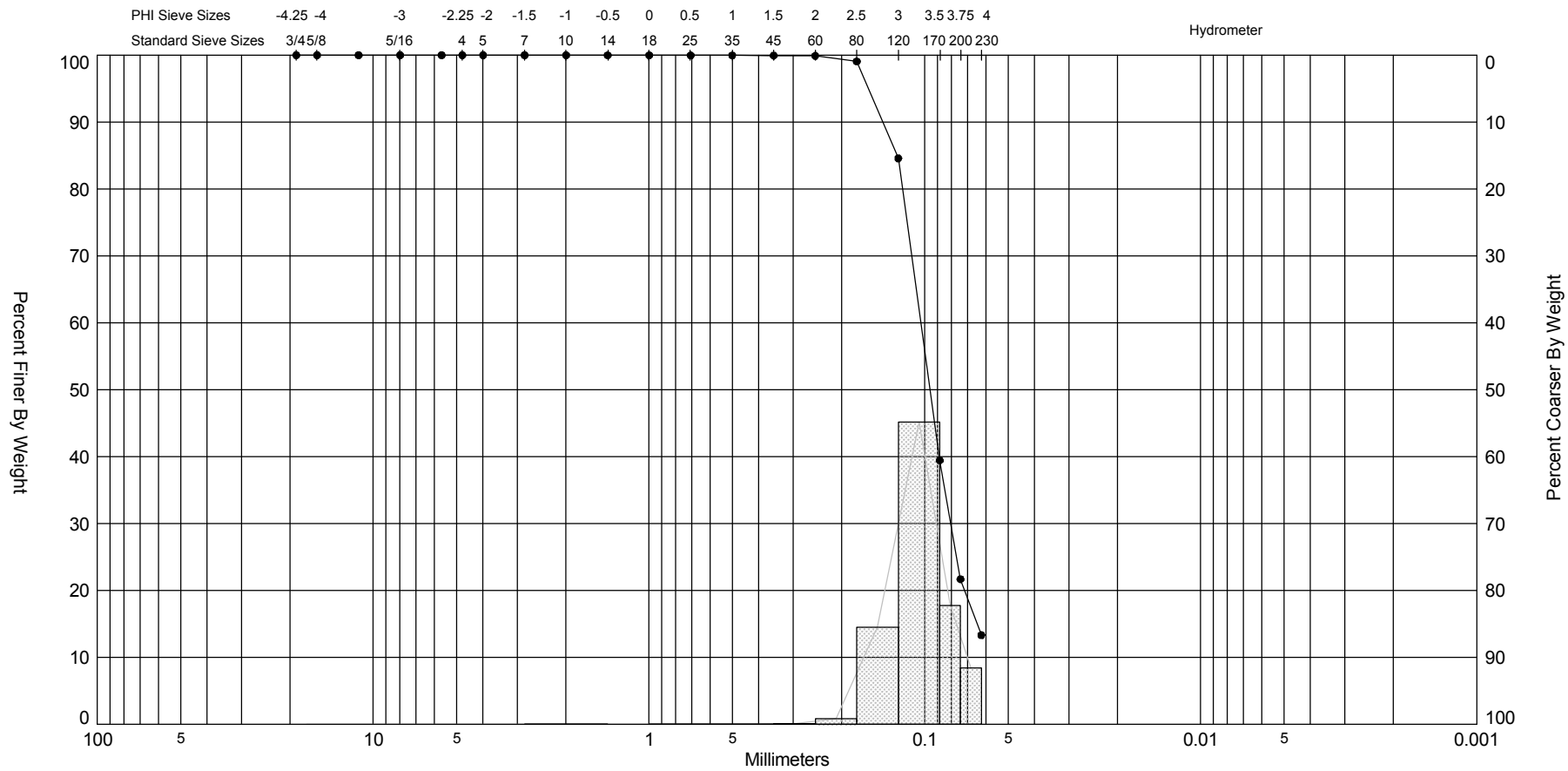
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 2.5Y-6/1	06/09/2006, 17:30

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
80.78	71.59	1.32	0.26	#200 - 21.69 #230 - 13.30			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.01	0.01	0.01	0.01
14	-0.50	1.41	0.01	0.01	0.02	0.02
18	0.00	1.00	0.00	0.00	0.02	0.02
25	0.50	0.71	0.01	0.01	0.03	0.03
35	1.00	0.50	0.01	0.01	0.04	0.04
45	1.50	0.35	0.01	0.01	0.05	0.05
60	2.00	0.25	0.04	0.05	0.09	0.10
80	2.50	0.18	0.68	0.84	0.77	0.94
120	3.00	0.13	11.70	14.48	12.47	15.42
170	3.50	0.09	36.46	45.13	48.93	60.55
200	3.75	0.07	14.35	17.76	63.28	78.31
230	4.00	0.06	6.78	8.39	70.06	86.70

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.92	3.70	3.38	3.11	3.01	2.64

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.29	0.10	0.35	-0.96	10.28



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH002 STA 34+04	—●—	0.0	SM	#200 - 21.69 #230 - 13.30			3.38	3.29	-0.96	10.28	0.35

Comments: 06/09/2006, 17:30

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	06-21-06
Analyzed By:	DA
Easting (X, ft):	3,777,766
Northing (Y, ft):	298,936
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH003 STA 36+46

Analysis Date: 06-21-06

Analyzed By: DA

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,777,989	298,975	Louisiana South State Plane	0.0

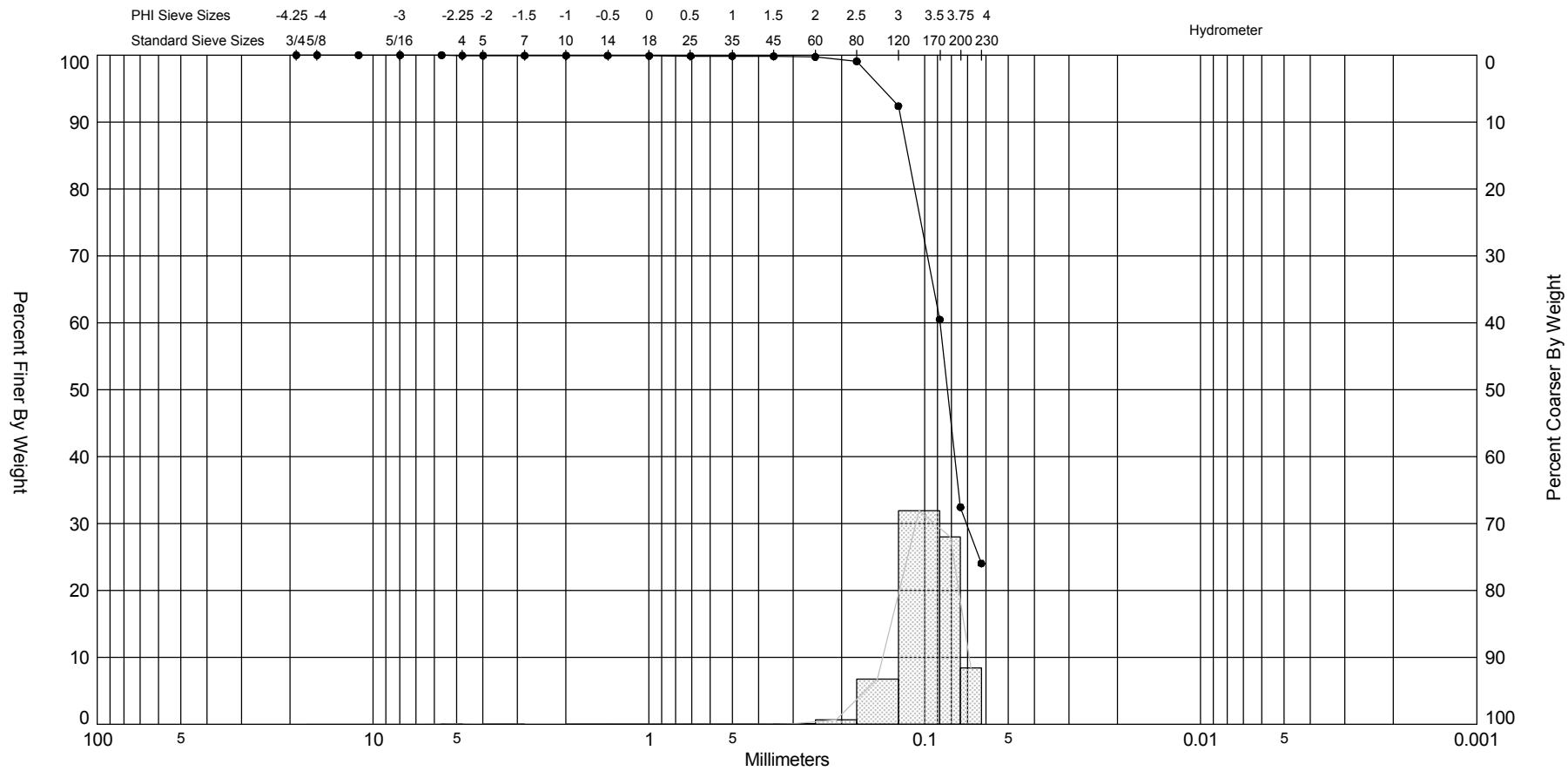
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 2.5Y-6/1	06-10-2006, 15:00

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
77.09	60.76	2.10	0.14	#200 - 32.45 #230 - 24.04			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.04	0.05	0.04	0.05
5	-2.00	4.00	0.00	0.00	0.04	0.05
7	-1.50	2.83	0.01	0.01	0.05	0.06
10	-1.00	2.00	0.00	0.00	0.05	0.06
14	-0.50	1.41	0.01	0.01	0.06	0.07
18	0.00	1.00	0.02	0.03	0.08	0.10
25	0.50	0.71	0.02	0.03	0.10	0.13
35	1.00	0.50	0.01	0.01	0.11	0.14
45	1.50	0.35	0.02	0.03	0.13	0.17
60	2.00	0.25	0.07	0.09	0.20	0.26
80	2.50	0.18	0.50	0.65	0.70	0.91
120	3.00	0.13	5.17	6.71	5.87	7.62
170	3.50	0.09	24.59	31.90	30.46	39.52
200	3.75	0.07	21.61	28.03	52.07	67.55
230	4.00	0.06	6.48	8.41	58.55	75.96

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.97	3.59	3.27	3.13	2.80

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.39	0.10	0.38	-4.06	50.82



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH003 STA 36+46	—●—	0.0	SM	#200 - 32.45 #230 - 24.04			3.59	3.39	-4.06	50.82	0.38

Comments: 06-10-2006, 15:00

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	06-21-06
Analyzed By:	DA
Easting (X, ft):	3,777,989
Northing (Y, ft):	298,975
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH004 STA 37+00

Analysis Date: 06-20-06

Analyzed By: DA

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,778,054	298,867	Louisiana South State Plane	0.0

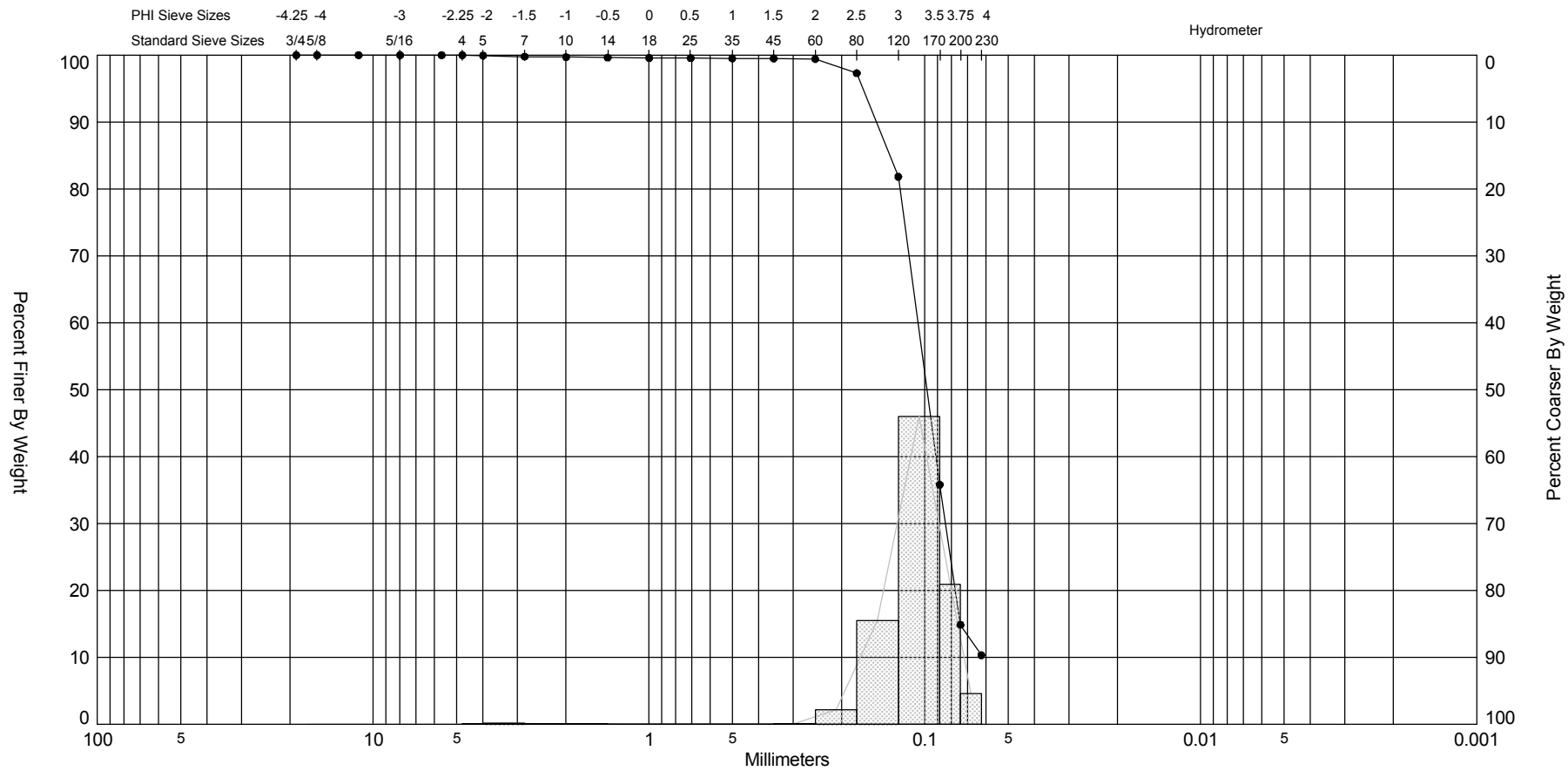
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 2.5Y-6/2	06/11/2006, 16:50

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
79.39	72.86	1.05	0.79	#200 - 14.87 #230 - 10.32			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.04	0.05	0.04	0.05
7	-1.50	2.83	0.13	0.16	0.17	0.21
10	-1.00	2.00	0.06	0.08	0.23	0.29
14	-0.50	1.41	0.06	0.08	0.29	0.37
18	0.00	1.00	0.03	0.04	0.32	0.41
25	0.50	0.71	0.03	0.04	0.35	0.45
35	1.00	0.50	0.02	0.03	0.37	0.48
45	1.50	0.35	0.01	0.01	0.38	0.49
60	2.00	0.25	0.06	0.08	0.44	0.57
80	2.50	0.18	1.69	2.13	2.13	2.70
120	3.00	0.13	12.28	15.47	14.41	18.17
170	3.50	0.09	36.54	46.03	50.95	64.20
200	3.75	0.07	16.62	20.93	67.57	85.13
230	4.00	0.06	3.61	4.55	71.18	89.68

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.74	3.63	3.35	3.07	2.93	2.57

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.23	0.11	0.47	-4.64	45.54



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH004 STA 37+00	—●—	0.0	SM	#200 - 14.87 #230 - 10.32			3.35	3.23	-4.64	45.54	0.47

Comments: 06/11/2006, 16:50

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	06-20-06
Analyzed By:	DA
Easting (X, ft):	3,778,054
Northing (Y, ft):	298,867
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH005 STA 38+00

Analysis Date: 06-21-06

Analyzed By: DA

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,778,150	298,868	Louisiana South State Plane	0.0

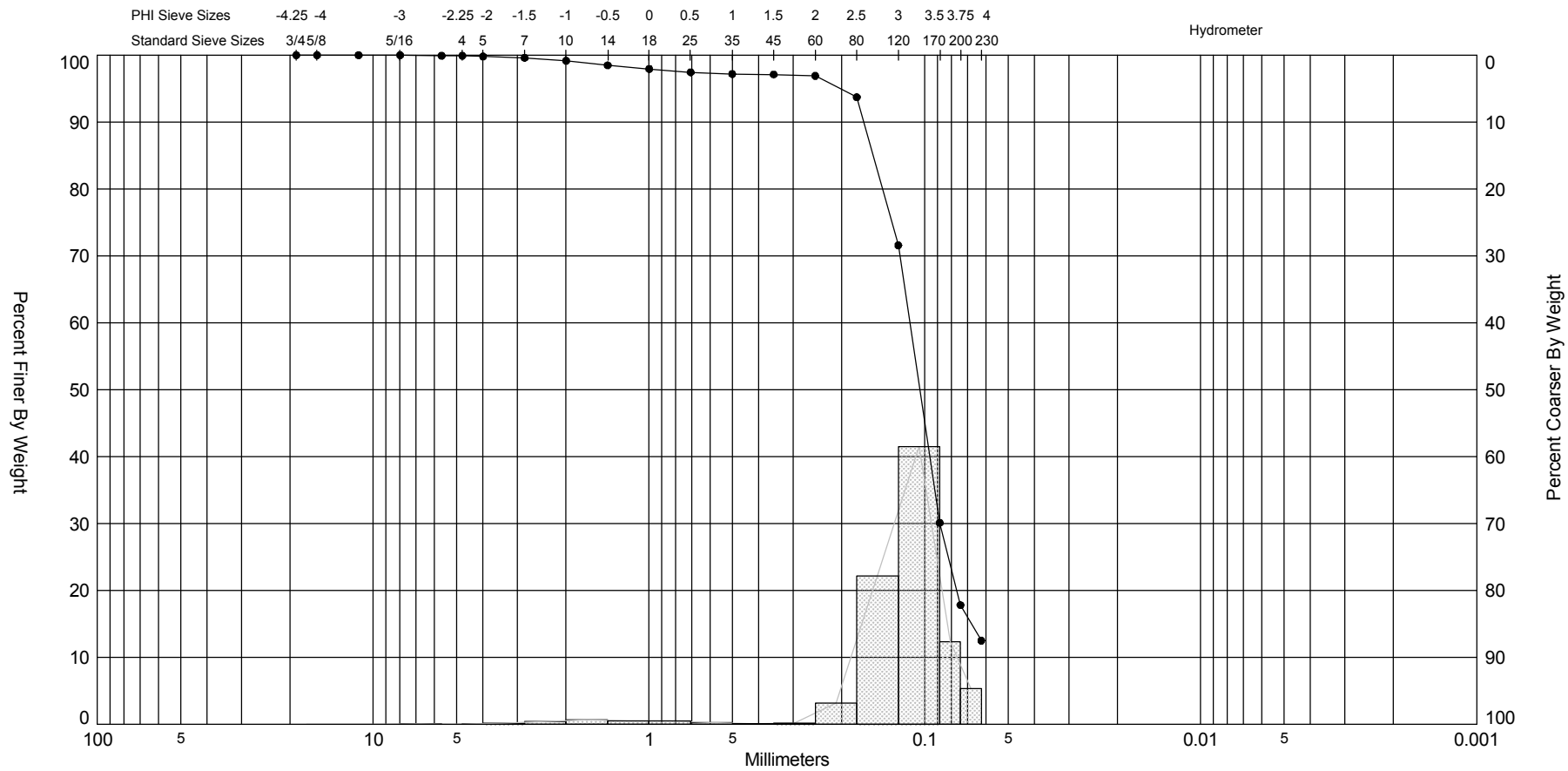
USCS:	Munsell:	Comments:
SM	Wet - 2.5Y-4/1 Dry - 5Y-5/1 Washed - 2.5Y-6/1	06/13/2006, 15:20

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
80.38	71.81	1.11	0.44	#200 - 17.81 #230 - 12.49			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.07	0.09	0.07	0.09
4	-2.25	4.76	0.00	0.00	0.07	0.09
5	-2.00	4.00	0.09	0.11	0.16	0.20
7	-1.50	2.83	0.15	0.19	0.31	0.39
10	-1.00	2.00	0.36	0.45	0.67	0.84
14	-0.50	1.41	0.55	0.68	1.22	1.52
18	0.00	1.00	0.43	0.53	1.65	2.05
25	0.50	0.71	0.40	0.50	2.05	2.55
35	1.00	0.50	0.21	0.26	2.26	2.81
45	1.50	0.35	0.06	0.07	2.32	2.88
60	2.00	0.25	0.16	0.20	2.48	3.08
80	2.50	0.18	2.57	3.20	5.05	6.28
120	3.00	0.13	17.79	22.13	22.84	28.41
170	3.50	0.09	33.34	41.48	56.18	69.89
200	3.75	0.07	9.89	12.30	66.07	82.19
230	4.00	0.06	4.28	5.32	70.35	87.51

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.84	3.60	3.26	2.92	2.72	2.30

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.05	0.12	0.78	-3.75	20.85



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH005 STA 38+00	—●—	0.0	SM	#200 - 17.81 #230 - 12.49			3.26	3.05	-3.75	20.85	0.78

Comments: 06/13/2006, 15:20

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	06-21-06
Analyzed By:	DA
Easting (X, ft):	3,778,150
Northing (Y, ft):	298,868
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH006 STA 43+00

Analysis Date: 06-21-06

Analyzed By: DA

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,799,853	299,098	Louisiana South State Plane	0.0

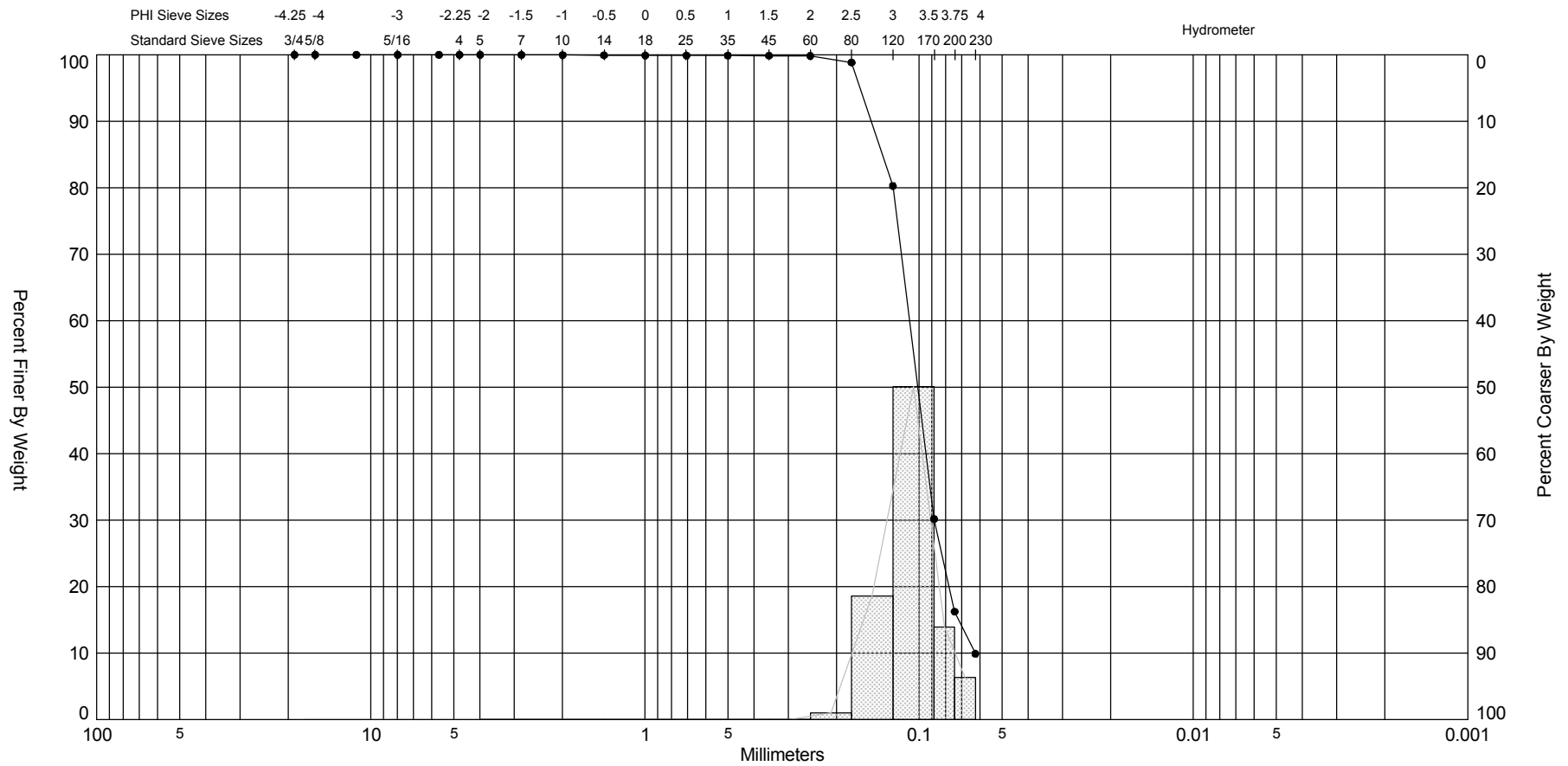
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 2.5Y-6/1	06/14/2006, 16:40

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
79.69	73.03	1.09	0.18	#200 - 16.23 #230 - 9.89			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.01	0.01	0.01	0.01
10	-1.00	2.00	0.02	0.03	0.03	0.04
14	-0.50	1.41	0.02	0.03	0.05	0.07
18	0.00	1.00	0.02	0.03	0.07	0.10
25	0.50	0.71	0.01	0.01	0.08	0.11
35	1.00	0.50	0.01	0.01	0.09	0.12
45	1.50	0.35	0.01	0.01	0.10	0.13
60	2.00	0.25	0.03	0.04	0.13	0.17
80	2.50	0.18	0.78	0.98	0.91	1.15
120	3.00	0.13	14.80	18.57	15.71	19.72
170	3.50	0.09	39.94	50.12	55.65	69.84
200	3.75	0.07	11.10	13.93	66.75	83.77
230	4.00	0.06	5.05	6.34	71.80	90.11

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.76	3.59	3.30	3.05	2.90	2.60

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.23	0.11	0.36	-1.78	21.07



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH006 STA 43+00	—●—	0.0	SM	#200 - 16.23 #230 - 9.89			3.3	3.23	-1.78	21.07	0.36

Comments: 06/14/2006, 16:40

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	06-21-06
Analyzed By:	DA
Easting (X, ft):	3,799,853
Northing (Y, ft):	299,098
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH007 STA 44-75

Analysis Date: 07-04-06

Analyzed By: AS

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,778,858	296,005	Louisiana South State Plane	0.0

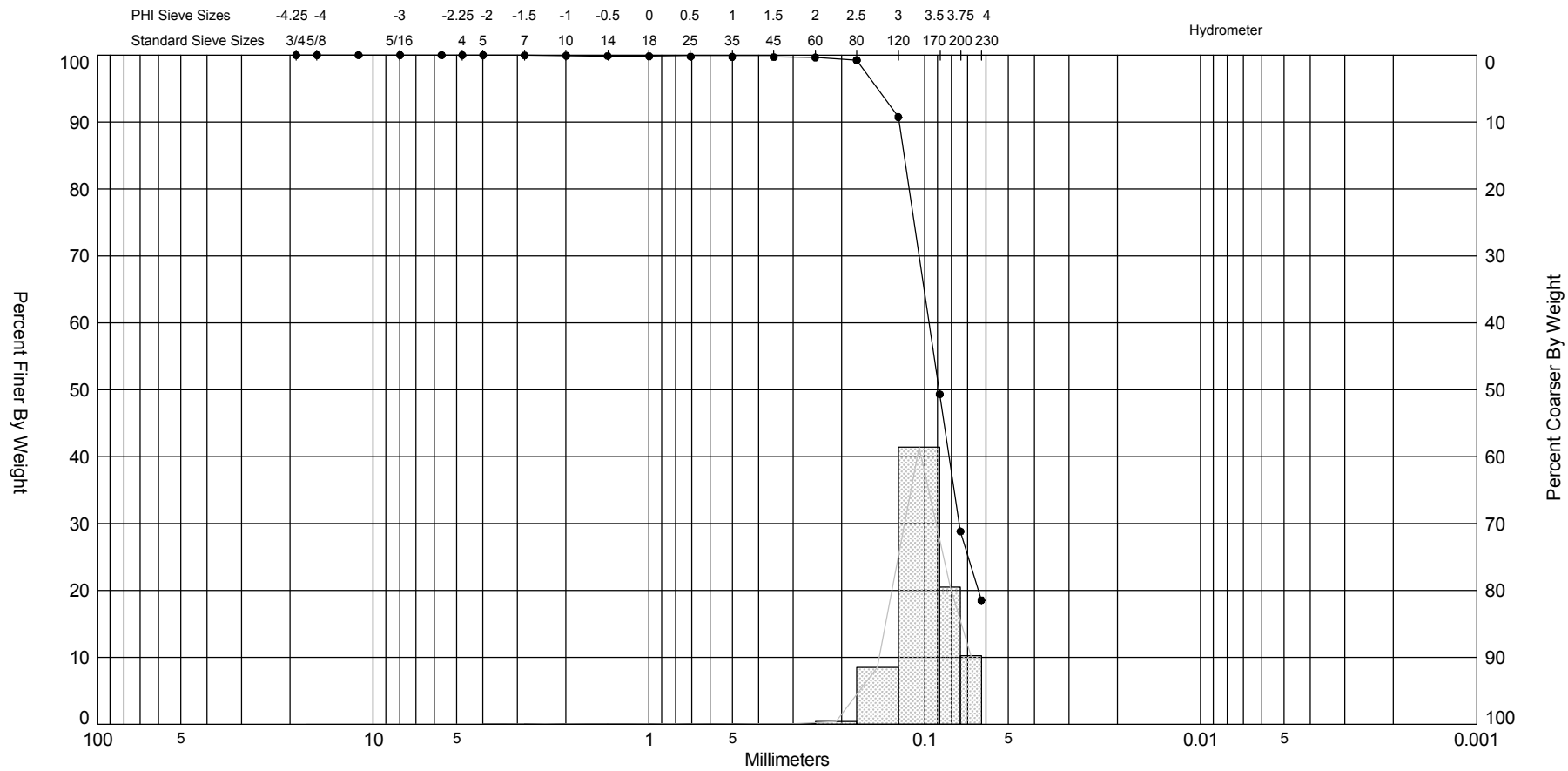
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-4/2 Washed - 5Y-6/2	6/15/06 11:15

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
85.21	71.65	2.26	0.00	#200 - 28.81 #230 - 18.54			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.03	0.04	0.03	0.04
10	-1.00	2.00	0.04	0.05	0.07	0.09
14	-0.50	1.41	0.03	0.04	0.10	0.13
18	0.00	1.00	0.03	0.04	0.13	0.17
25	0.50	0.71	0.04	0.05	0.17	0.22
35	1.00	0.50	0.02	0.02	0.19	0.24
45	1.50	0.35	0.04	0.05	0.23	0.29
60	2.00	0.25	0.05	0.06	0.28	0.35
80	2.50	0.18	0.34	0.40	0.62	0.75
120	3.00	0.13	7.25	8.51	7.87	9.26
170	3.50	0.09	35.30	41.43	43.17	50.69
200	3.75	0.07	17.47	20.50	60.64	71.19
230	4.00	0.06	8.75	10.27	69.39	81.46

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.84	3.49	3.19	3.08	2.75

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.35	0.10	0.39	-3.45	38.02



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH007 STA 44-75	—●—	0.0	SM	#200 - 28.81 #230 - 18.54			3.49	3.35	-3.45	38.02	0.39

Comments: 6/15/06 11:15

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	07-04-06
Analyzed By:	AS
Easting (X, ft):	3,778,858
Northing (Y, ft):	296,005
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH010 STA 27+60

Analysis Date: 07-04-06

Analyzed By: AS

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,777,094	299,109	Louisiana South State Plane	0.0

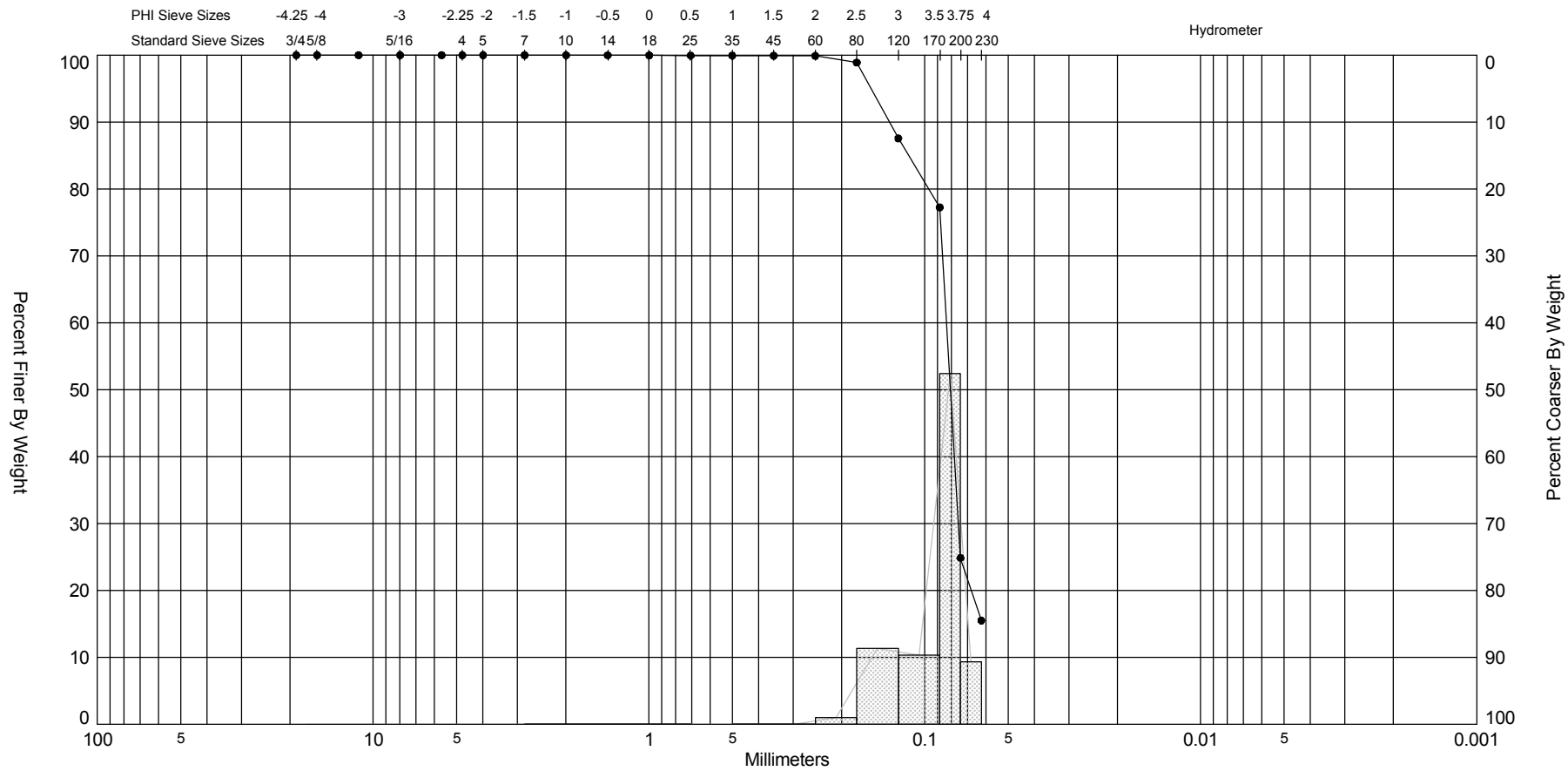
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/2 Washed - 5Y-6/2	6/21/06 9:40

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
84.65	74.76	3.11	0.14	#200 - 24.87 #230 - 15.51			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.01	0.01	0.01	0.01
14	-0.50	1.41	0.01	0.01	0.02	0.02
18	0.00	1.00	0.01	0.01	0.03	0.03
25	0.50	0.71	0.02	0.02	0.05	0.05
35	1.00	0.50	0.00	0.00	0.05	0.05
45	1.50	0.35	0.03	0.04	0.08	0.09
60	2.00	0.25	0.02	0.02	0.10	0.11
80	2.50	0.18	0.85	1.00	0.95	1.11
120	3.00	0.13	9.59	11.33	10.54	12.44
170	3.50	0.09	8.73	10.31	19.27	22.75
200	3.75	0.07	44.34	52.38	63.61	75.13
230	4.00	0.06	7.92	9.36	71.53	84.49

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.99	3.75	3.63	3.51	3.17	2.67

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.47	0.09	0.37	-2.12	12.78



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH010 STA 27+60	—●—	0.0	SM	#200 - 24.87 #230 - 15.51			3.63	3.47	-2.12	12.78	0.37

Comments: 6/21/06 9:40

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	07-04-06
Analyzed By:	AS
Easting (X, ft):	3,777,094
Northing (Y, ft):	299,109
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH013 STA 23+50

Analysis Date: 07-04-06

Analyzed By: AS

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,776,681	299,067	Louisiana South State Plane	0.0

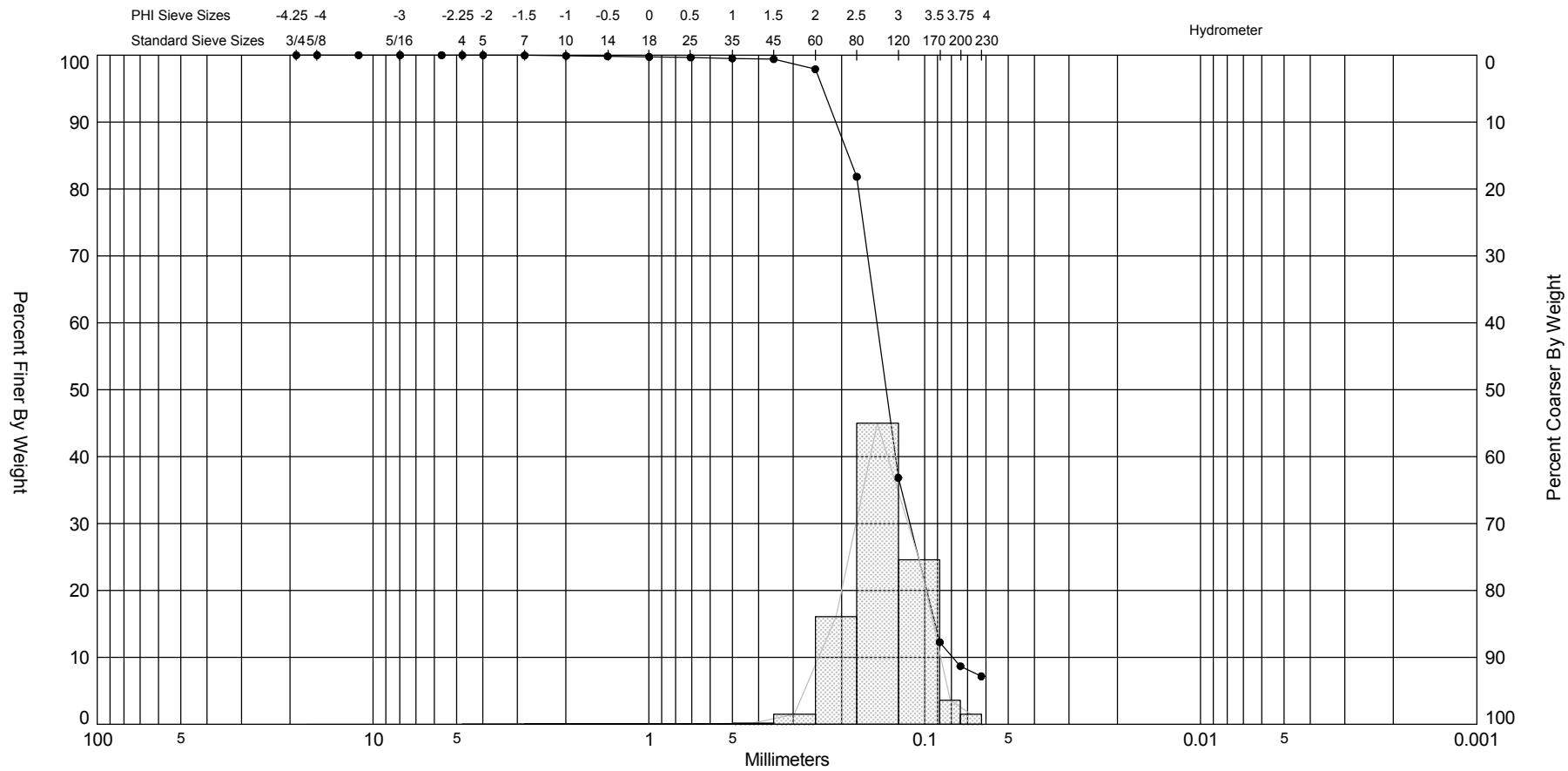
USCS:	Munsell:	Comments:
SP-SM	Wet - 5Y-4/1 Dry - 5Y-4/2 Washed - 5Y-5/1	6/28/06 10:50

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
106.90	99.66	0.41	0.00	#200 - 8.68 #230 - 7.16			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.01	0.01	0.01	0.01
7	-1.50	2.83	0.02	0.02	0.03	0.03
10	-1.00	2.00	0.07	0.07	0.10	0.10
14	-0.50	1.41	0.08	0.07	0.18	0.17
18	0.00	1.00	0.09	0.08	0.27	0.25
25	0.50	0.71	0.11	0.10	0.38	0.35
35	1.00	0.50	0.13	0.12	0.51	0.47
45	1.50	0.35	0.14	0.13	0.65	0.60
60	2.00	0.25	1.60	1.50	2.25	2.10
80	2.50	0.18	17.17	16.06	19.42	18.16
120	3.00	0.13	48.11	45.00	67.53	63.16
170	3.50	0.09	26.26	24.57	93.79	87.73
200	3.75	0.07	3.84	3.59	97.63	91.32
230	4.00	0.06	1.62	1.52	99.25	92.84

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.42	3.24	2.85	2.58	2.43	2.09

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.81	0.14	0.47	-1.58	14.42



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH013 STA 23+50	—●—	0.0	SP-SM	#200 - 8.68 #230 - 7.16			2.85	2.81	-1.58	14.42	0.47

Comments: 6/28/06 10:50

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	07-04-06
Analyzed By:	AS
Easting (X, ft):	3,776,681
Northing (Y, ft):	299,067
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH015 STA 28+00

Analysis Date: 07-21-06

Analyzed By: DA

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,777,096	298,963	Louisiana South State Plane	0.0

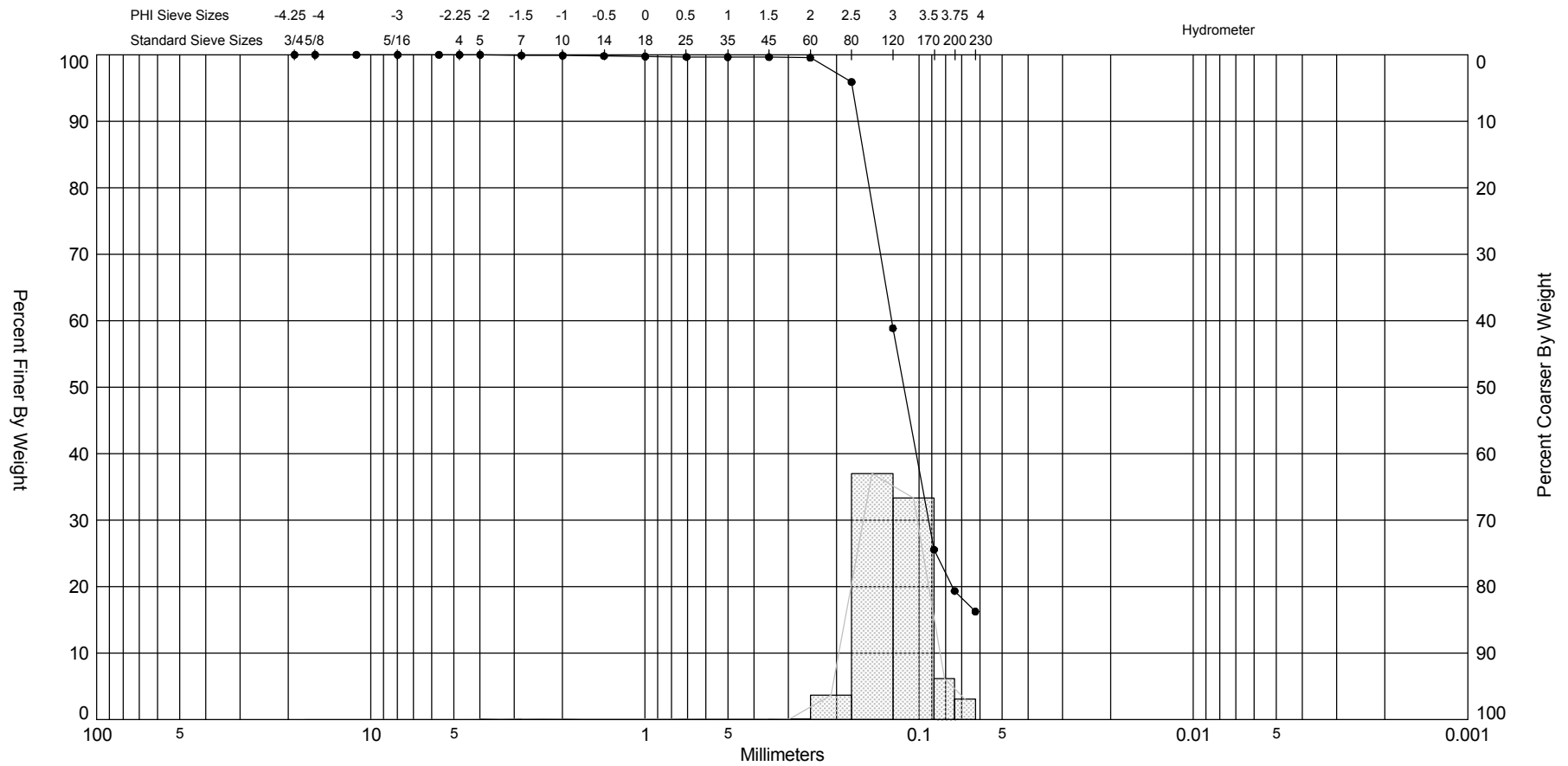
USCS:	Munsell:	Comments:
SM	Wet - 10Y-3/1 Dry - 2.5Y-5/1 Washed - 2.5Y-6/1	7/12/06 17:15

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
97.94	83.53	1.45	0.04	#200 - 19.35 #230 - 16.24			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.10	0.10	0.10	0.10
10	-1.00	2.00	0.01	0.01	0.11	0.11
14	-0.50	1.41	0.08	0.08	0.19	0.19
18	0.00	1.00	0.06	0.06	0.25	0.25
25	0.50	0.71	0.06	0.06	0.31	0.31
35	1.00	0.50	0.02	0.02	0.33	0.33
45	1.50	0.35	0.02	0.02	0.35	0.35
60	2.00	0.25	0.09	0.09	0.44	0.44
80	2.50	0.18	3.57	3.65	4.01	4.09
120	3.00	0.13	36.28	37.04	40.29	41.13
170	3.50	0.09	32.63	33.32	72.92	74.45
200	3.75	0.07	6.07	6.20	78.99	80.65
230	4.00	0.06	3.05	3.11	82.04	83.76

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.52	3.13	2.78	2.66	2.51

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.02	0.12	0.44	-2.62	27.9



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH015 STA 28+00	—●—	0.0	SM	#200 - 19.35 #230 - 16.24			3.13	3.02	-2.62	27.9	0.44

Comments: 7/12/06 17:15

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	07-21-06
Analyzed By:	DA
Easting (X, ft):	3,777,096
Northing (Y, ft):	298,963
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH020 STA 32+60

Analysis Date: 08-21-06

Analyzed By: JF

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,777,581	298,497	Louisiana South State Plane	0.0

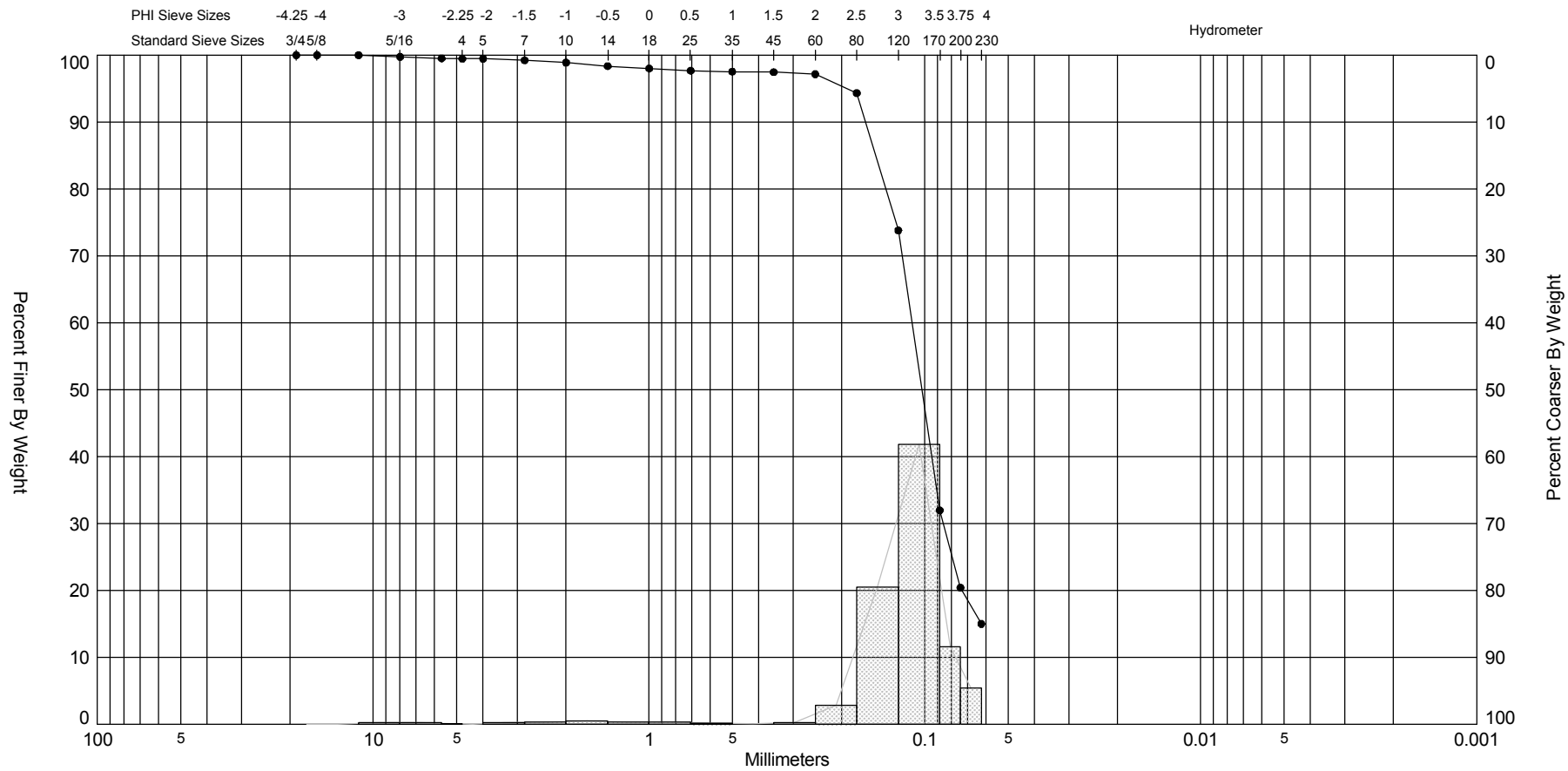
USCS:	Munsell:	Comments:
SM		7/17/06 9:30

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
91.15	78.30	0.82	0.02	#200 - 20.42 #230 - 15.01			1

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.23	0.25	0.23	0.25
3.5	-2.50	5.66	0.20	0.22	0.43	0.47
4	-2.25	4.76	0.06	0.07	0.49	0.54
5	-2.00	4.00	0.00	0.00	0.49	0.54
7	-1.50	2.83	0.21	0.23	0.70	0.77
10	-1.00	2.00	0.31	0.34	1.01	1.11
14	-0.50	1.41	0.47	0.52	1.48	1.63
18	0.00	1.00	0.32	0.35	1.80	1.98
25	0.50	0.71	0.31	0.34	2.11	2.32
35	1.00	0.50	0.13	0.14	2.24	2.46
45	1.50	0.35	0.07	0.08	2.31	2.54
60	2.00	0.25	0.26	0.29	2.57	2.83
80	2.50	0.18	2.58	2.83	5.15	5.66
120	3.00	0.13	18.72	20.54	23.87	26.20
170	3.50	0.09	38.13	41.83	62.00	68.03
200	3.75	0.07	10.53	11.55	72.53	79.58
230	4.00	0.06	4.93	5.41	77.46	84.99

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.95	3.65	3.28	2.97	2.75	2.38

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.05	0.12	0.83	-4.4	27.31



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH020 STA 32+60	—●—	0.0	SM	#200 - 20.42 #230 - 15.01			3.28	3.05	-4.4	27.31	0.83

Comments: 7/17/06 9:30

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	08-21-06
Analyzed By:	JF
Easting (X, ft):	3,777,581
Northing (Y, ft):	298,497
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH025 STA 20+00

Analysis Date: 08-21-06

Analyzed By: JF

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,776,341	298,964	Louisiana South State Plane	0.0

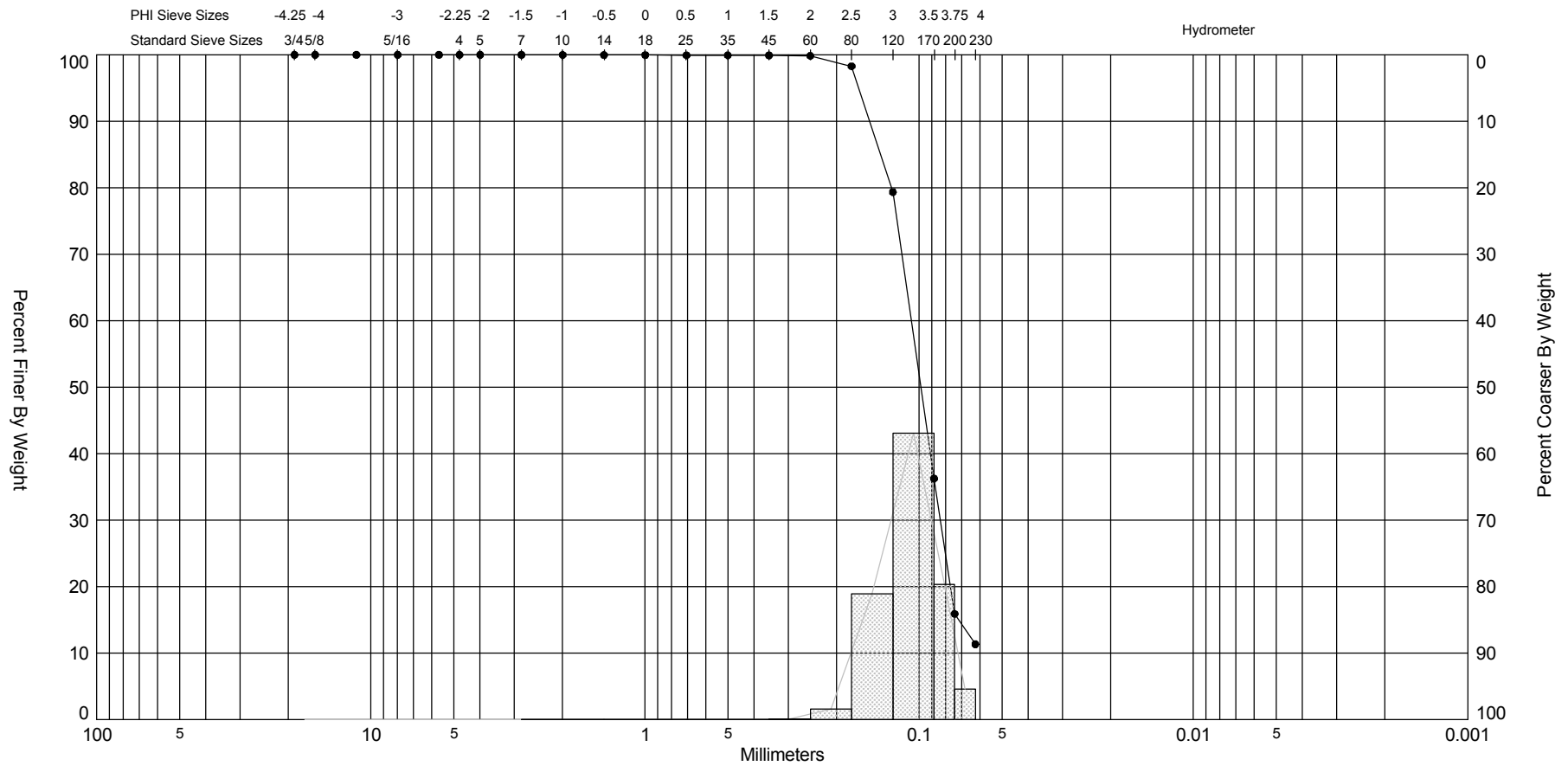
USCS:	Munsell:	Comments:
SM		8/02/06 17:00

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
90.61	81.35	1.00	0.01	#200 - 15.90 #230 - 11.33			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.02	0.02	0.02	0.02
14	-0.50	1.41	0.01	0.01	0.03	0.03
18	0.00	1.00	0.01	0.01	0.04	0.04
25	0.50	0.71	0.02	0.02	0.06	0.06
35	1.00	0.50	0.01	0.01	0.07	0.07
45	1.50	0.35	0.02	0.02	0.09	0.09
60	2.00	0.25	0.05	0.06	0.14	0.15
80	2.50	0.18	1.41	1.56	1.55	1.71
120	3.00	0.13	17.15	18.93	18.70	20.64
170	3.50	0.09	39.05	43.10	57.75	63.74
200	3.75	0.07	18.45	20.36	76.20	84.10
230	4.00	0.06	4.14	4.57	80.34	88.67

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.75	3.64	3.34	3.05	2.88	2.59

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.24	0.11	0.37	-1.26	11.97



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH025 STA 20+00	—●—	0.0	SM	#200 - 15.90 #230 - 11.33			3.34	3.24	-1.26	11.97	0.37

Comments: 8/02/06 17:00

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	08-21-06
Analyzed By:	JF
Easting (X, ft):	3,776,341
Northing (Y, ft):	298,964
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH027 STA 16+00

Analysis Date: 01-21-07

Analyzed By: jg

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,775,946	299,159	Louisiana South State Plane	0.0

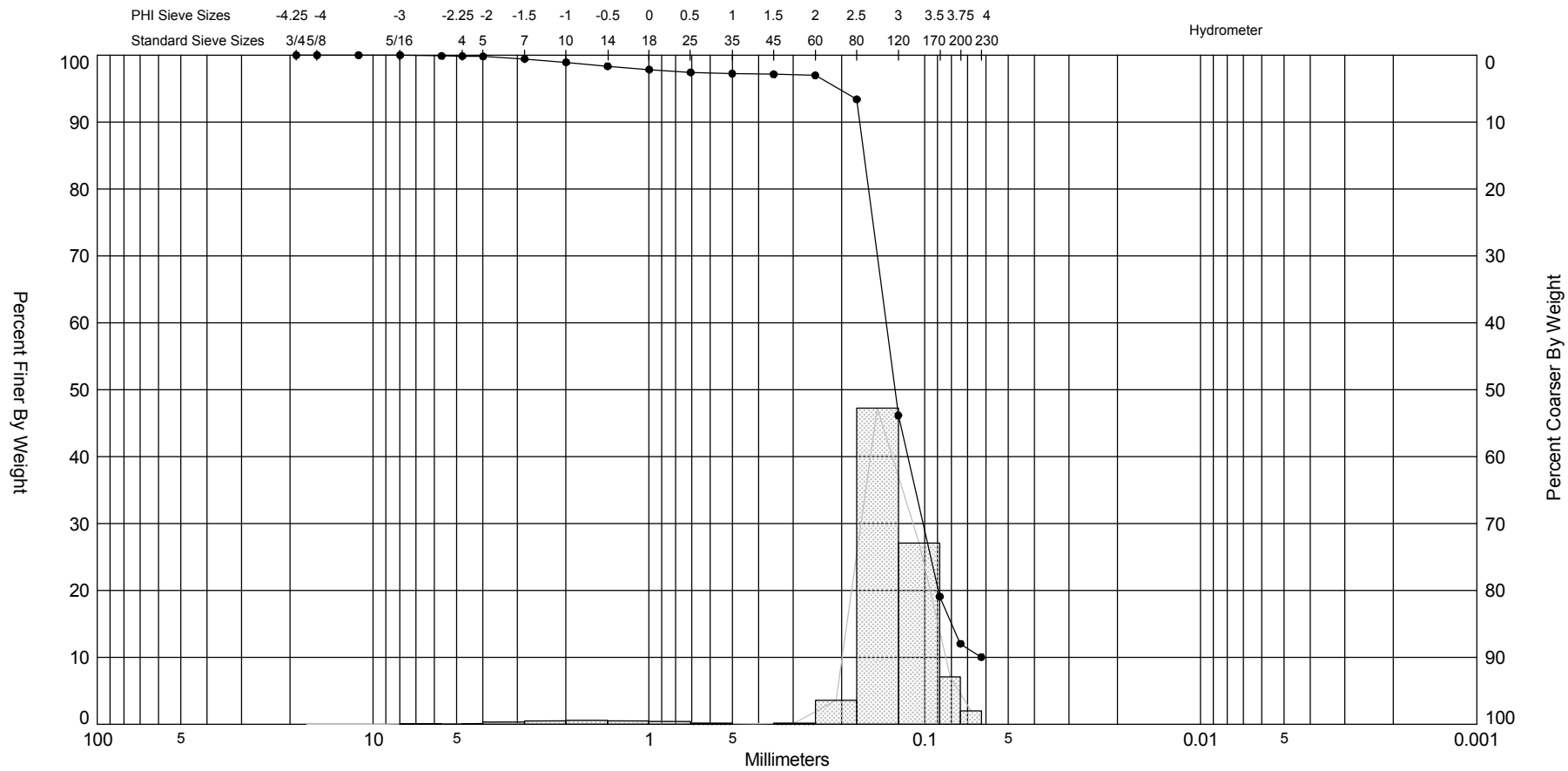
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
92.55	84.29	0.97	0.08	#200 - 12.04 #230 - 10.04			1

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.11	0.12	0.11	0.12
4	-2.25	4.76	0.02	0.02	0.13	0.14
5	-2.00	4.00	0.05	0.05	0.18	0.19
7	-1.50	2.83	0.33	0.36	0.51	0.55
10	-1.00	2.00	0.47	0.51	0.98	1.06
14	-0.50	1.41	0.54	0.58	1.52	1.64
18	0.00	1.00	0.47	0.51	1.99	2.15
25	0.50	0.71	0.39	0.42	2.38	2.57
35	1.00	0.50	0.17	0.18	2.55	2.75
45	1.50	0.35	0.10	0.11	2.65	2.86
60	2.00	0.25	0.15	0.16	2.80	3.02
80	2.50	0.18	3.31	3.58	6.11	6.60
120	3.00	0.13	43.72	47.24	49.83	53.84
170	3.50	0.09	25.04	27.06	74.87	80.90
200	3.75	0.07	6.53	7.06	81.40	87.96
230	4.00	0.06	1.85	2.00	83.25	89.96

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.61	3.39	2.96	2.69	2.60	2.28

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.86	0.14	0.75	-3.89	22.78



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH027 STA 16+00	—●—	0.0	SM	#200 - 12.04 #230 - 10.04			2.96	2.86	-3.89	22.78	0.75

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-21-07
Analyzed By:	jg
Easting (X, ft):	3,775,946
Northing (Y, ft):	299,159
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH030 STA 32+00

Analysis Date: 08-21-06

Analyzed By: JF

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,777,514	298,751	Louisiana South State Plane	0.0

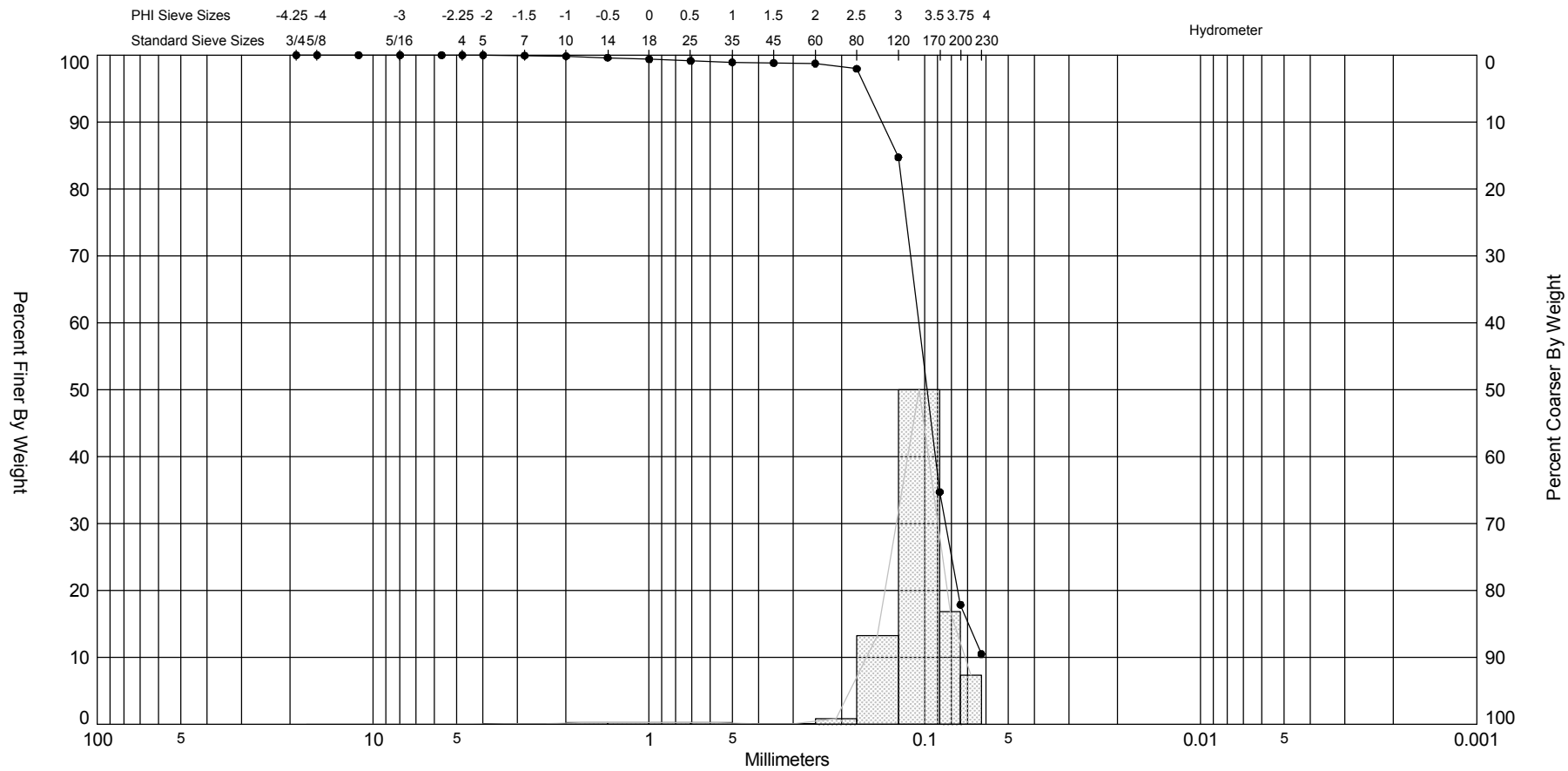
USCS:	Munsell:	Comments:
SM		8/08/06 13:19

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
88.84	80.57	1.01	0.08	#200 - 17.86 #230 - 10.51			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.06	0.07	0.06	0.07
10	-1.00	2.00	0.07	0.08	0.13	0.15
14	-0.50	1.41	0.20	0.23	0.33	0.38
18	0.00	1.00	0.20	0.23	0.53	0.61
25	0.50	0.71	0.22	0.25	0.75	0.86
35	1.00	0.50	0.19	0.21	0.94	1.07
45	1.50	0.35	0.08	0.09	1.02	1.16
60	2.00	0.25	0.07	0.08	1.09	1.24
80	2.50	0.18	0.71	0.80	1.80	2.04
120	3.00	0.13	11.76	13.24	13.56	15.28
170	3.50	0.09	44.43	50.01	57.99	65.29
200	3.75	0.07	14.97	16.85	72.96	82.14
230	4.00	0.06	6.53	7.35	79.49	89.49

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.81	3.64	3.35	3.10	3.01	2.61

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.24	0.11	0.51	-4.27	33.26



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH030 STA 32+00	—●—	0.0	SM	#200 - 17.86 #230 - 10.51			3.35	3.24	-4.27	33.26	0.51

Comments: 8/08/06 13:19

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	08-21-06
Analyzed By:	JF
Easting (X, ft):	3,777,514
Northing (Y, ft):	298,751
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH035 STA 42+00

Analysis Date: 08-29-06

Analyzed By: AU

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,778,495	298,528	Louisiana South State Plane	0.0

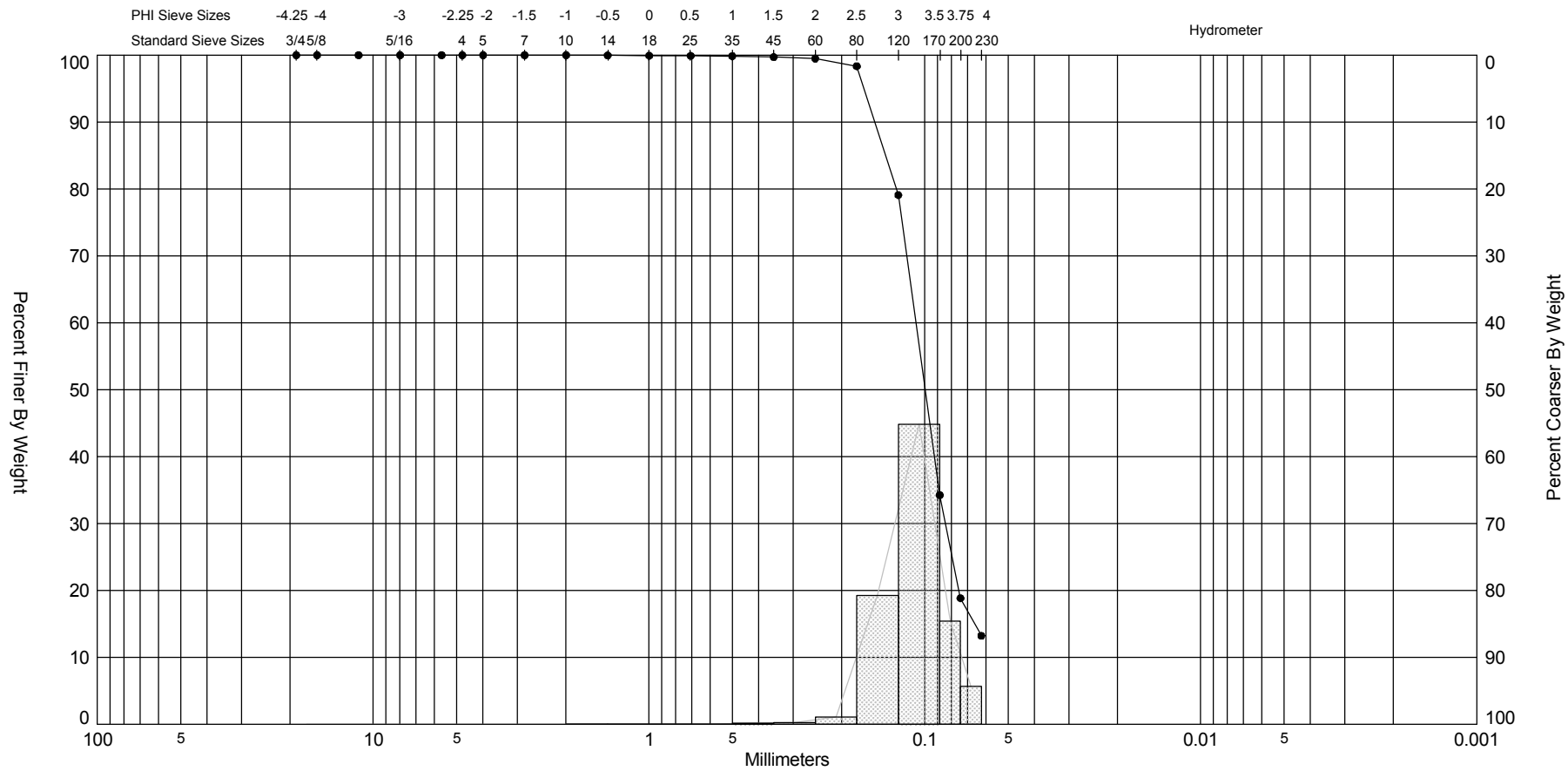
USCS:	Munsell:	Comments:
SM	Wet - 2.5Y-4/1 Dry - 2.5Y-5/1 Washed - 2.5Y-5/1	8/20/06 15:01

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
91.84	83.35	3.63	0.00	#200 - 18.85 #230 - 13.21			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.00	0.00	0.00	0.00
14	-0.50	1.41	0.03	0.03	0.03	0.03
18	0.00	1.00	0.04	0.04	0.07	0.07
25	0.50	0.71	0.03	0.03	0.10	0.10
35	1.00	0.50	0.04	0.04	0.14	0.14
45	1.50	0.35	0.13	0.14	0.27	0.28
60	2.00	0.25	0.22	0.24	0.49	0.52
80	2.50	0.18	1.03	1.12	1.52	1.64
120	3.00	0.13	17.69	19.26	19.21	20.90
170	3.50	0.09	41.19	44.85	60.40	65.75
200	3.75	0.07	14.14	15.40	74.54	81.15
230	4.00	0.06	5.18	5.64	79.72	86.79

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.88	3.65	3.32	3.05	2.87	2.59

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.22	0.11	0.39	-1.53	13.05



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH035 STA 42+00	—●—	0.0	SM	#200 - 18.85 #230 - 13.21			3.32	3.22	-1.53	13.05	0.39

Comments: 8/20/06 15:01

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	08-29-06
Analyzed By:	AU
Easting (X, ft):	3,778,495
Northing (Y, ft):	298,528
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH037 STA 48+00

Analysis Date: 01-21-07

Analyzed By: jg

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,779,100	298,583	Louisiana South State Plane	0.0

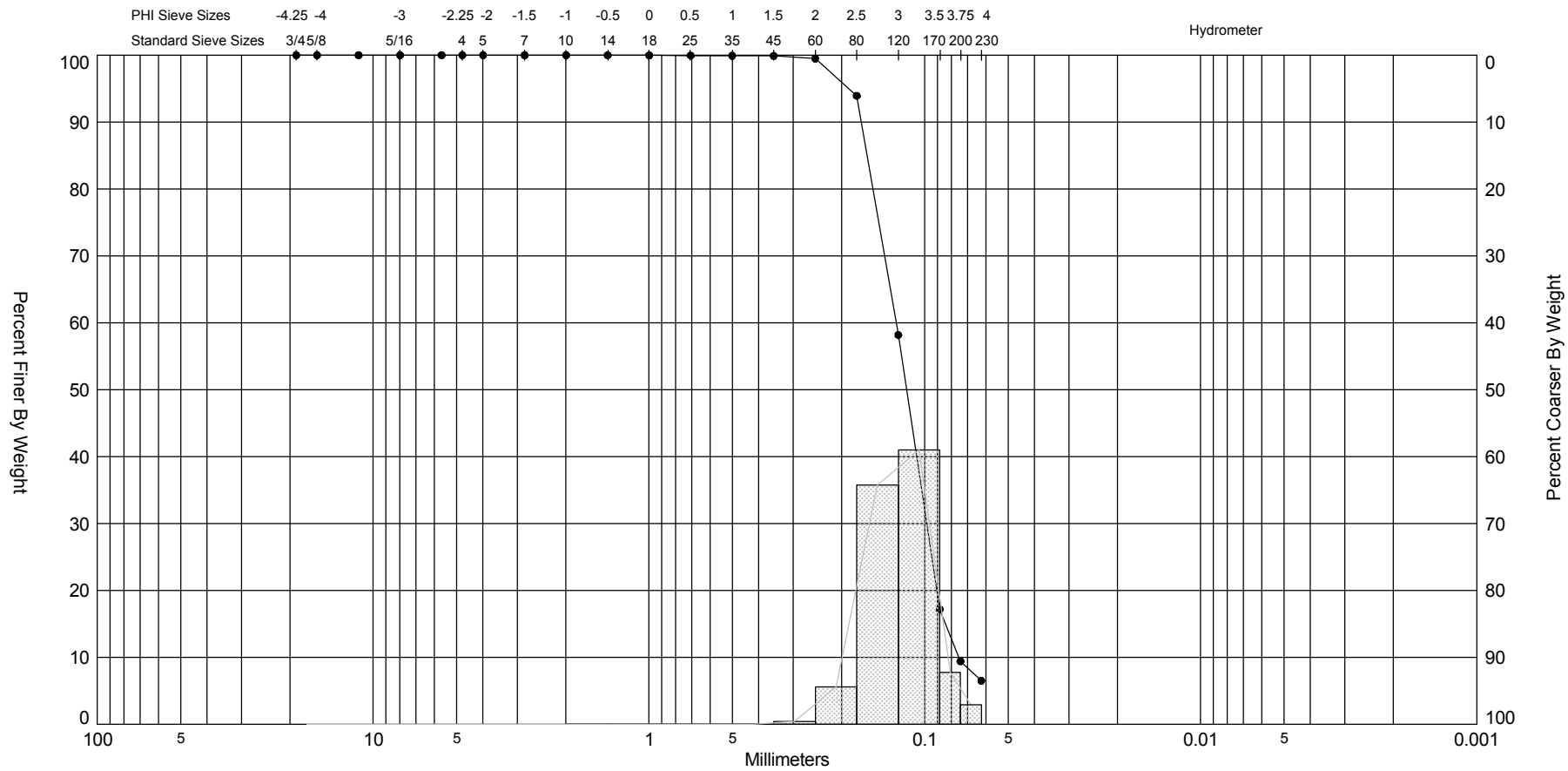
USCS:	Munsell:	Comments:
SP-SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
86.18	81.70	1.03	0.08	#200 - 9.41 #230 - 6.49			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.00	0.00	0.00	0.00
14	-0.50	1.41	0.01	0.01	0.01	0.01
18	0.00	1.00	0.02	0.02	0.03	0.03
25	0.50	0.71	0.02	0.02	0.05	0.05
35	1.00	0.50	0.03	0.03	0.08	0.08
45	1.50	0.35	0.03	0.03	0.11	0.11
60	2.00	0.25	0.35	0.41	0.46	0.52
80	2.50	0.18	4.78	5.55	5.24	6.07
120	3.00	0.13	30.81	35.75	36.05	41.82
170	3.50	0.09	35.33	41.00	71.38	82.82
200	3.75	0.07	6.70	7.77	78.08	90.59
230	4.00	0.06	2.52	2.92	80.60	93.51

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.54	3.40	3.10	2.76	2.64	2.40

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.04	0.12	0.39	-0.6	6.09



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH037 STA 48+00	—●—	0.0	SP-SM	#200 - 9.41 #230 - 6.49			3.1	3.04	-0.6	6.09	0.39

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-21-07
Analyzed By:	jg
Easting (X, ft):	3,779,100
Northing (Y, ft):	298,583
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH040 STA 55+40

Analysis Date: 09-20-06

Analyzed By: JF

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,779,780	298,047	Louisiana South State Plane	0.0

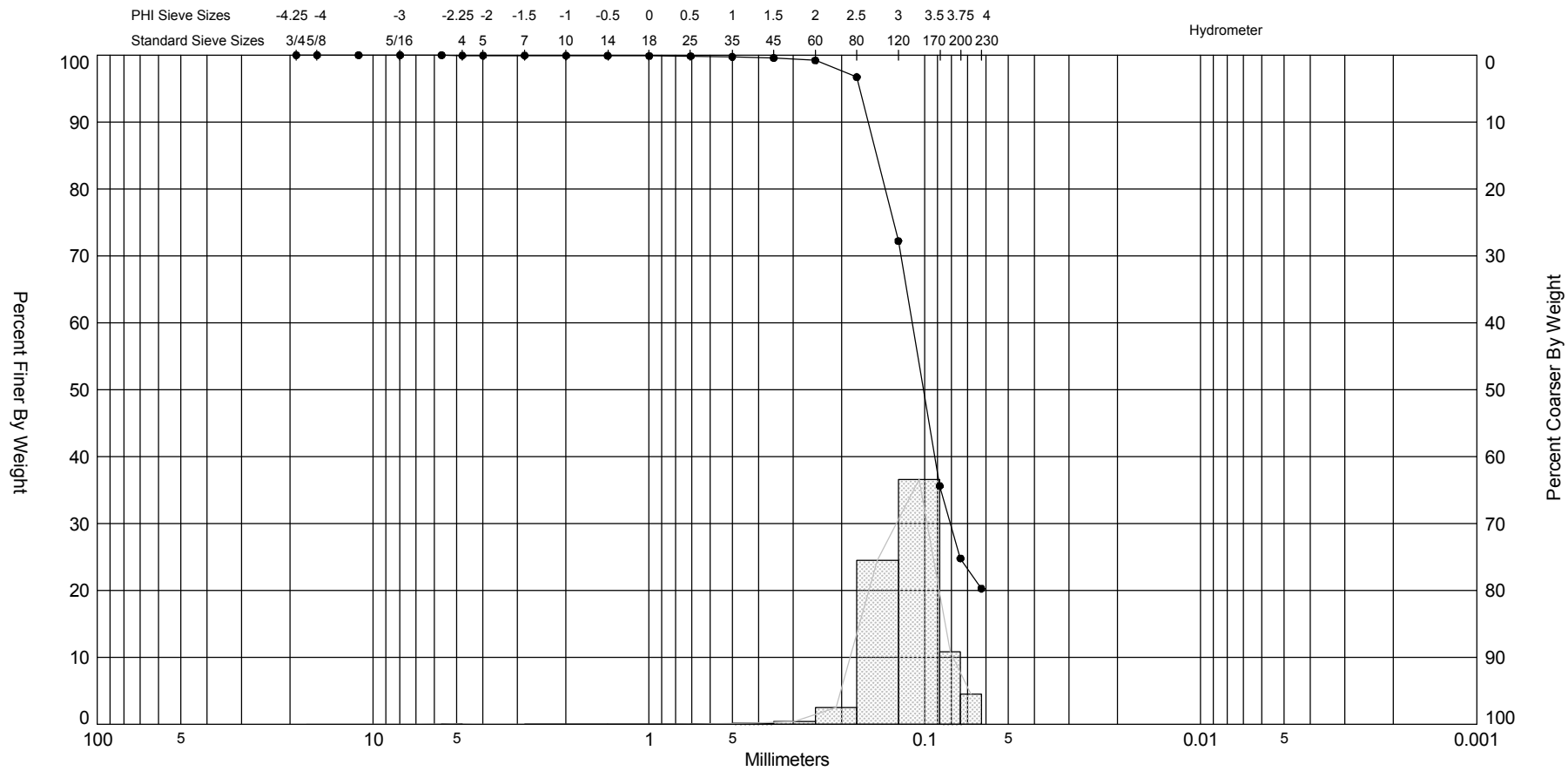
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-6/1	8/27/06 8:45

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
91.84	74.44	1.21	0.00	#200 - 24.79 #230 - 20.28			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.05	0.05	0.05	0.05
5	-2.00	4.00	0.00	0.00	0.05	0.05
7	-1.50	2.83	0.00	0.00	0.05	0.05
10	-1.00	2.00	0.02	0.02	0.07	0.07
14	-0.50	1.41	0.02	0.02	0.09	0.09
18	0.00	1.00	0.03	0.03	0.12	0.12
25	0.50	0.71	0.03	0.03	0.15	0.15
35	1.00	0.50	0.08	0.09	0.23	0.24
45	1.50	0.35	0.16	0.17	0.39	0.41
60	2.00	0.25	0.35	0.38	0.74	0.79
80	2.50	0.18	2.29	2.49	3.03	3.28
120	3.00	0.13	22.51	24.51	25.54	27.79
170	3.50	0.09	33.60	36.59	59.14	64.38
200	3.75	0.07	9.95	10.83	69.09	75.21
230	4.00	0.06	4.14	4.51	73.23	79.72

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.75	3.30	2.94	2.76	2.54

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.13	0.11	0.45	-2.4	24.75



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH040 STA 55+40	—●—	0.0	SM	#200 - 24.79 #230 - 20.28			3.3	3.13	-2.4	24.75	0.45

Comments: 8/27/06 8:45

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	09-20-06
Analyzed By:	JF
Easting (X, ft):	3,779,780
Northing (Y, ft):	298,047
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH041 STA 55+50

Analysis Date: 01-22-07

Analyzed By: jg

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,779,853	298,535	Louisiana South State Plane	0.0

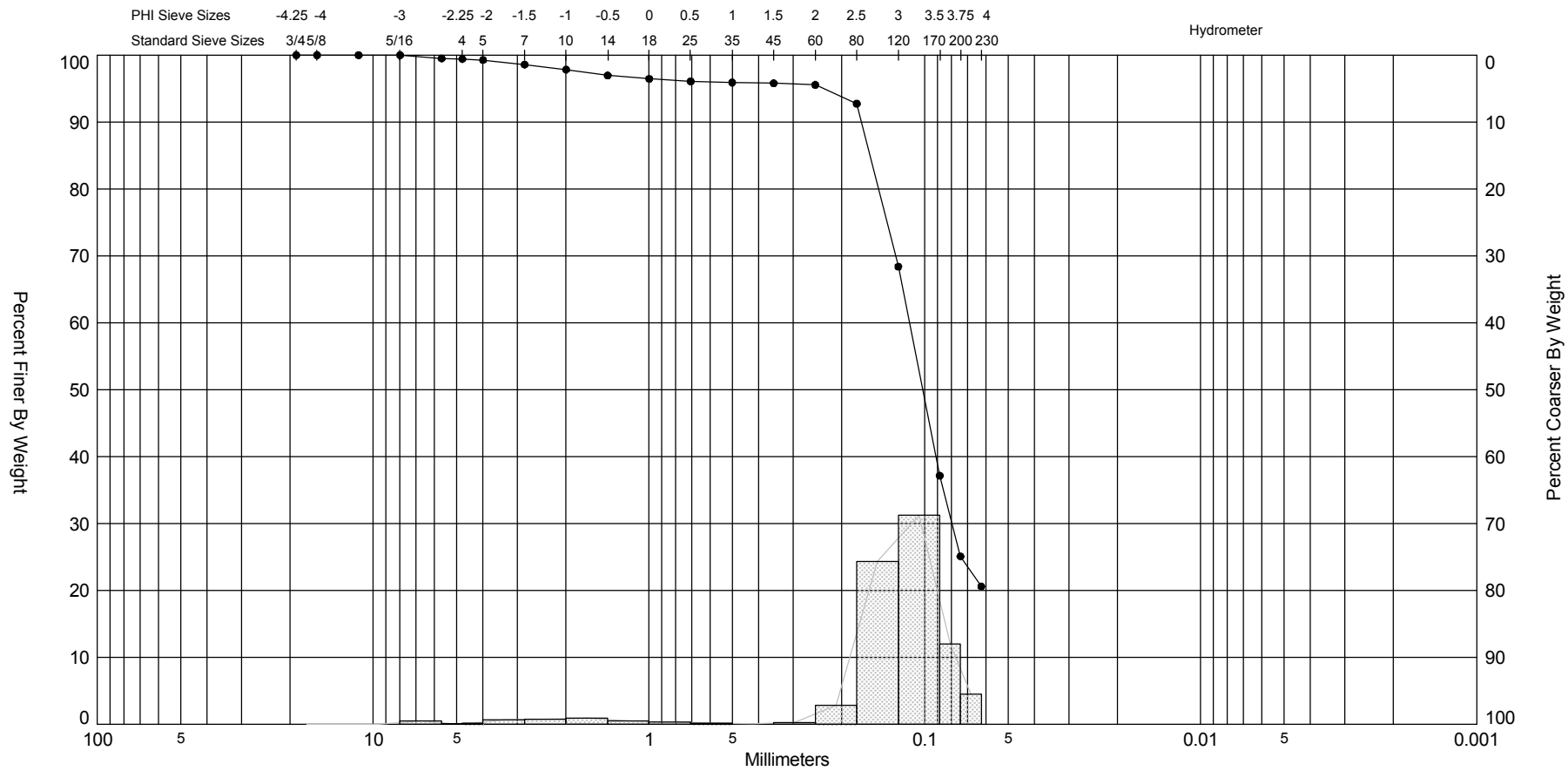
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
120.98	99.44	3.29	0.07	#200 - 25.10 #230 - 20.60			1

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.58	0.48	0.58	0.48
4	-2.25	4.76	0.11	0.09	0.69	0.57
5	-2.00	4.00	0.17	0.14	0.86	0.71
7	-1.50	2.83	0.83	0.69	1.69	1.40
10	-1.00	2.00	0.91	0.75	2.60	2.15
14	-0.50	1.41	1.07	0.88	3.67	3.03
18	0.00	1.00	0.62	0.51	4.29	3.54
25	0.50	0.71	0.45	0.37	4.74	3.91
35	1.00	0.50	0.20	0.17	4.94	4.08
45	1.50	0.35	0.14	0.12	5.08	4.20
60	2.00	0.25	0.29	0.24	5.37	4.44
80	2.50	0.18	3.40	2.81	8.77	7.25
120	3.00	0.13	29.48	24.37	38.25	31.62
170	3.50	0.09	37.79	31.24	76.04	62.86
200	3.75	0.07	14.57	12.04	90.61	74.90
230	4.00	0.06	5.45	4.50	96.06	79.40

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.76	3.29	2.86	2.68	2.10

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.92	0.13	1.04	-3.4	15.58



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH041 STA 55+50	—●—	0.0	SM	#200 - 25.10 #230 - 20.60			3.29	2.92	-3.4	15.58	1.04

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-22-07
Analyzed By:	jg
Easting (X, ft):	3,779,853
Northing (Y, ft):	298,535
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH042 STA 60+40

Analysis Date: 01-22-07

Analyzed By: jg

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,780,287	298,054	Louisiana South State Plane	0.0

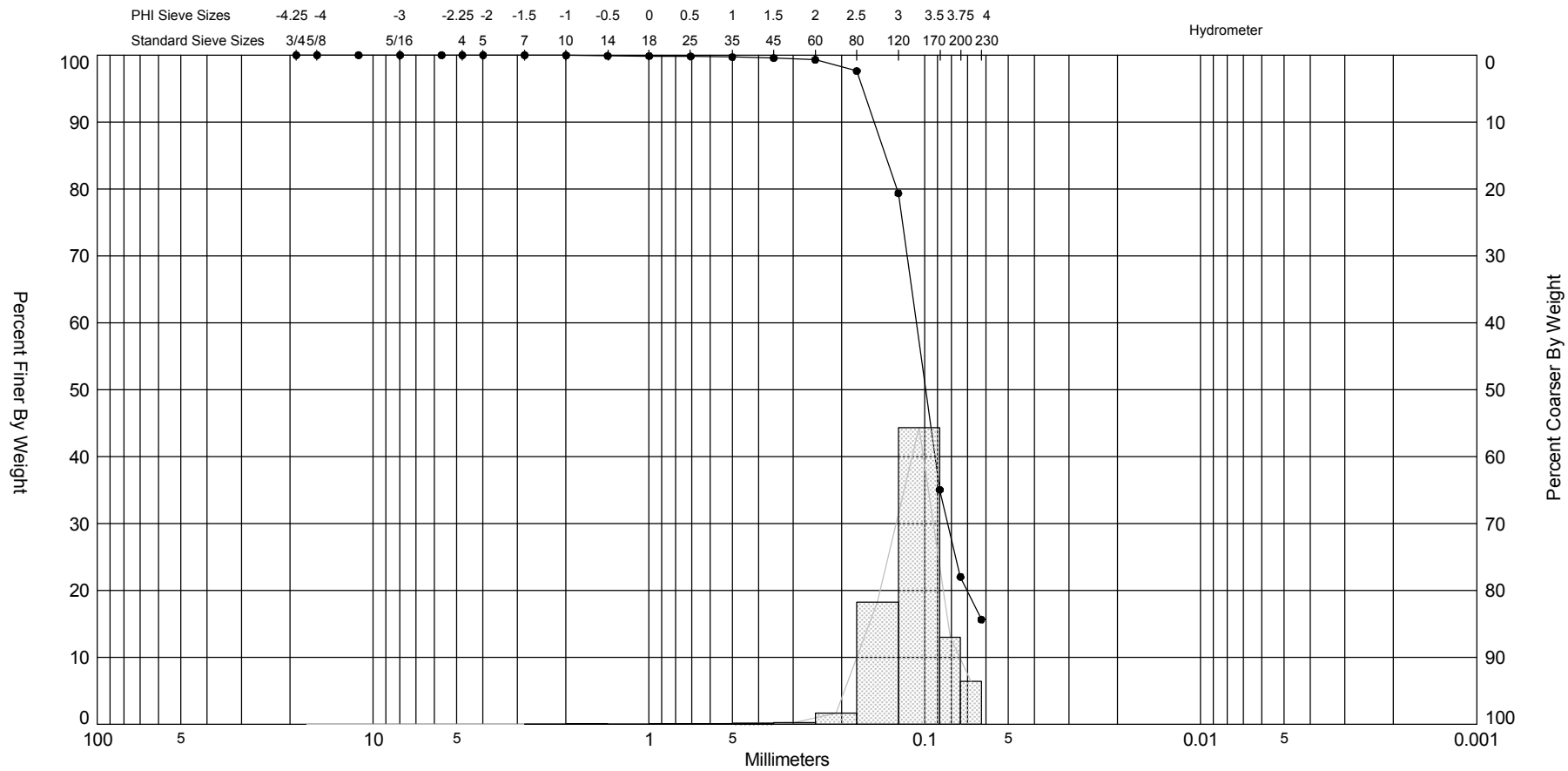
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
110.12	98.60	5.54	0.12	#200 - 22.03 #230 - 15.63			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.03	0.03	0.03	0.03
14	-0.50	1.41	0.09	0.08	0.12	0.11
18	0.00	1.00	0.02	0.02	0.14	0.13
25	0.50	0.71	0.07	0.06	0.21	0.19
35	1.00	0.50	0.11	0.10	0.32	0.29
45	1.50	0.35	0.17	0.15	0.49	0.44
60	2.00	0.25	0.28	0.25	0.77	0.69
80	2.50	0.18	1.85	1.68	2.62	2.37
120	3.00	0.13	20.11	18.26	22.73	20.63
170	3.50	0.09	48.82	44.33	71.55	64.96
200	3.75	0.07	14.33	13.01	85.88	77.97
230	4.00	0.06	7.05	6.40	92.93	84.37

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.99	3.69	3.33	3.05	2.87	2.57

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.21	0.11	0.42	-2.19	18.72



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH042 STA 60+40	—●—	0.0	SM	#200 - 22.03 #230 - 15.63			3.33	3.21	-2.19	18.72	0.42

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-22-07
Analyzed By:	jg
Easting (X, ft):	3,780,287
Northing (Y, ft):	298,054
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH045 STA 69+40

Analysis Date: 09-20-06

Analyzed By: JF

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,781,232	298,383	Louisiana South State Plane	0.0

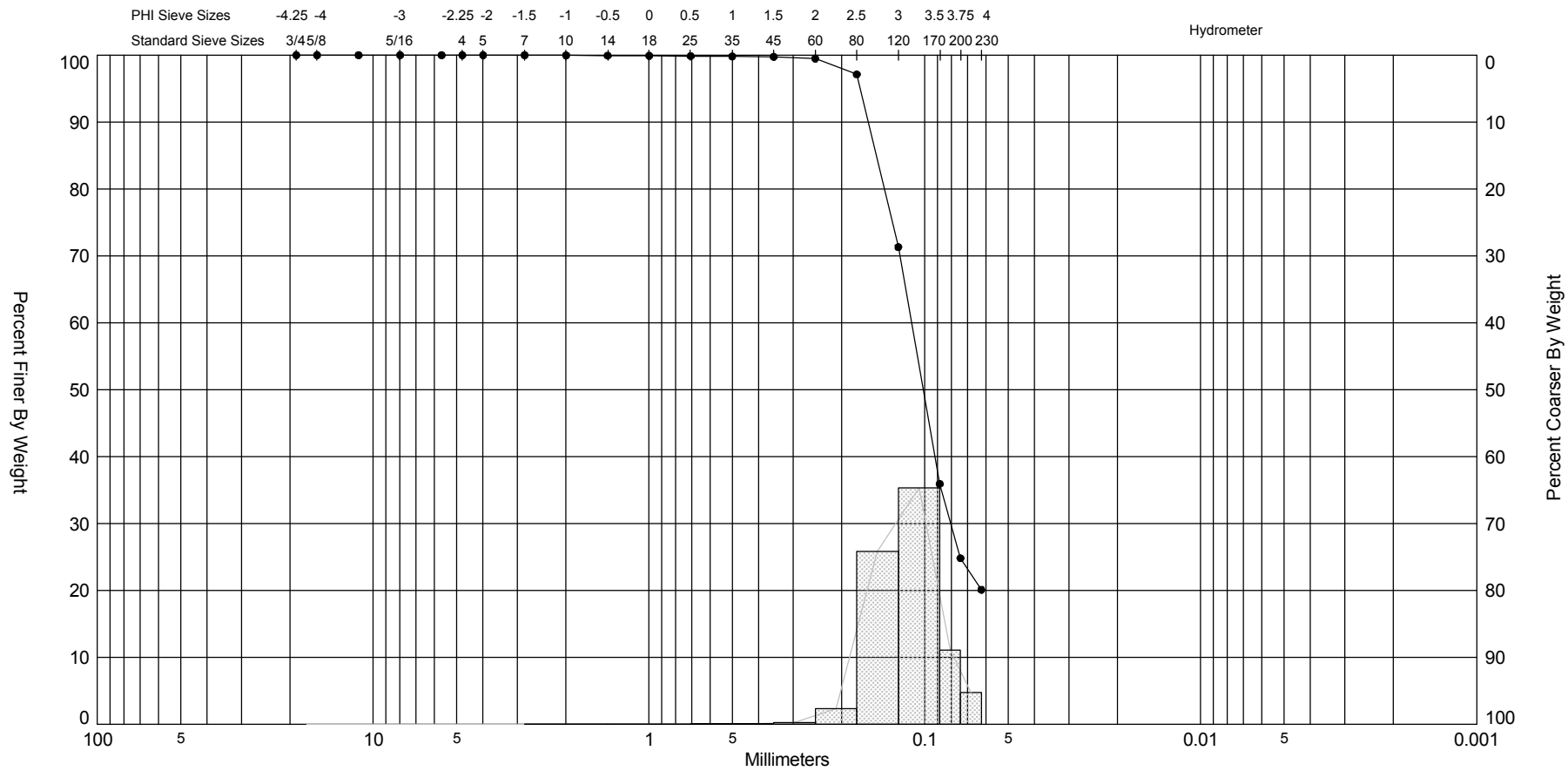
USCS:	Munsell:	Comments:
SM	Wet - 10Y-3/1 Dry - 5Y-5/1 Washed - 5Y-6/1	9/10/06 13:29

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
97.31	79.17	1.42	0.00	#200 - 24.82 #230 - 20.11			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.03	0.03	0.03	0.03
14	-0.50	1.41	0.03	0.03	0.06	0.06
18	0.00	1.00	0.03	0.03	0.09	0.09
25	0.50	0.71	0.04	0.04	0.13	0.13
35	1.00	0.50	0.06	0.06	0.19	0.19
45	1.50	0.35	0.05	0.05	0.24	0.24
60	2.00	0.25	0.25	0.26	0.49	0.50
80	2.50	0.18	2.31	2.37	2.80	2.87
120	3.00	0.13	25.13	25.82	27.93	28.69
170	3.50	0.09	34.42	35.37	62.35	64.06
200	3.75	0.07	10.82	11.12	73.17	75.18
230	4.00	0.06	4.58	4.71	77.75	79.89

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.75	3.30	2.93	2.75	2.54

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.13	0.11	0.42	-1.38	13.09



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH045 STA 69+40	—●—	0.0	SM	#200 - 24.82 #230 - 20.11			3.3	3.13	-1.38	13.09	0.42

Comments: 9/10/06 13:29

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	09-20-06
Analyzed By:	JF
Easting (X, ft):	3,781,232
Northing (Y, ft):	298,383
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH046 STA 70+30

Analysis Date: 09-20-06

Analyzed By: JF

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,781,336	298,476	Louisiana South State Plane	0.0

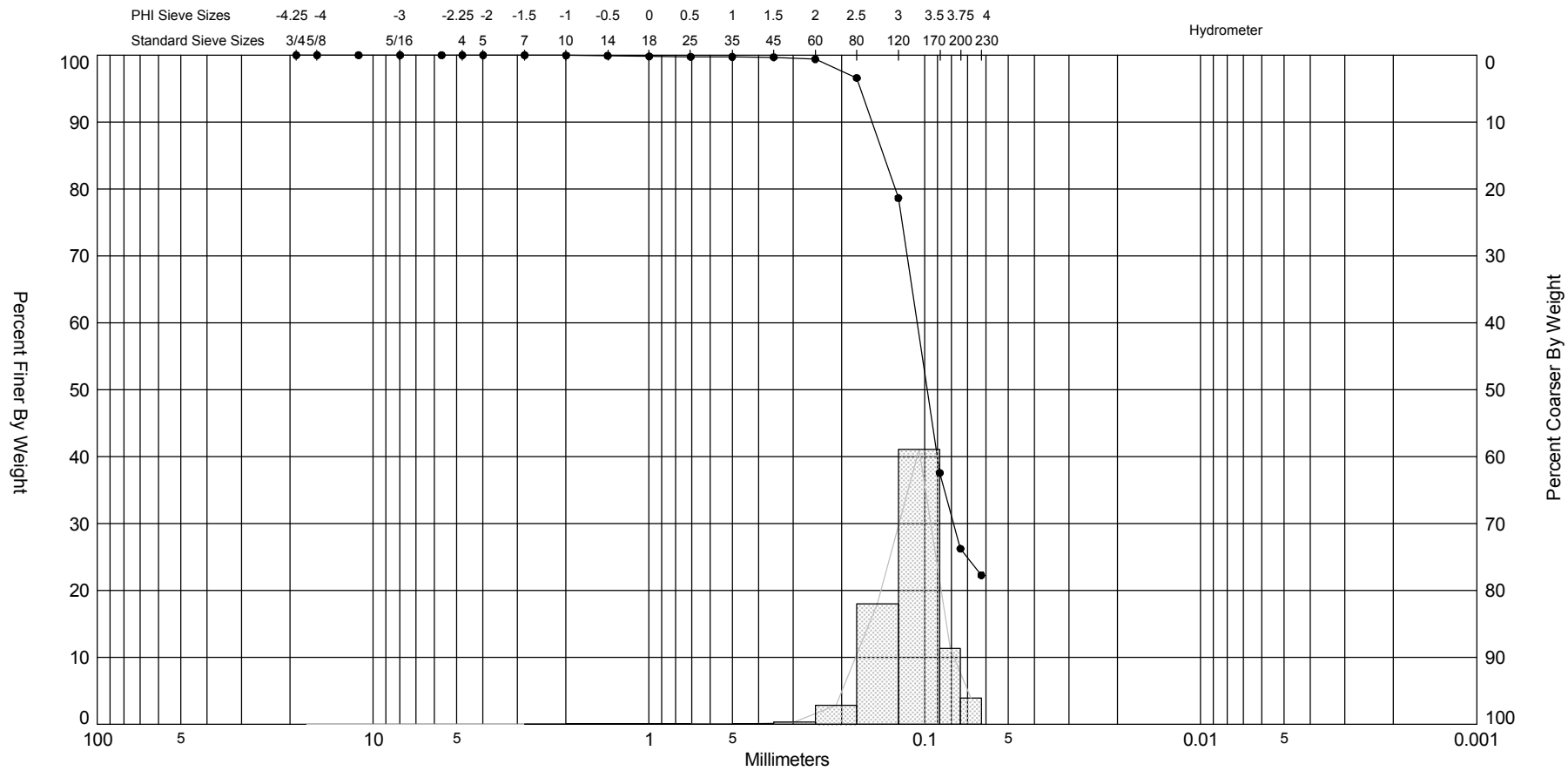
USCS:	Munsell:	Comments:
SM	Wet - 10Y-3/1 Dry - 5Y-5/1 Washed - 5Y-6/1	9/11/06 15:16

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
95.48	76.17	1.95	0.00	#200 - 26.23 #230 - 22.28			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.04	0.04	0.04	0.04
14	-0.50	1.41	0.05	0.05	0.09	0.09
18	0.00	1.00	0.09	0.09	0.18	0.18
25	0.50	0.71	0.06	0.06	0.24	0.24
35	1.00	0.50	0.01	0.01	0.25	0.25
45	1.50	0.35	0.05	0.05	0.30	0.30
60	2.00	0.25	0.29	0.30	0.59	0.60
80	2.50	0.18	2.67	2.80	3.26	3.40
120	3.00	0.13	17.15	17.96	20.41	21.36
170	3.50	0.09	39.22	41.08	59.63	62.44
200	3.75	0.07	10.82	11.33	70.45	73.77
230	4.00	0.06	3.77	3.95	74.22	77.72

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.83	3.35	3.04	2.85	2.54

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.17	0.11	0.43	-2.35	19.91



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH046 STA 70+30	—●—	0.0	SM	#200 - 26.23 #230 - 22.28			3.35	3.17	-2.35	19.91	0.43

Comments: 9/11/06 15:16

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	09-20-06
Analyzed By:	JF
Easting (X, ft):	3,781,336
Northing (Y, ft):	298,476
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH047 STA 70+40

Analysis Date: 09-20-06

Analyzed By: JF

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,781,314	298,203	Louisiana South State Plane	0.0

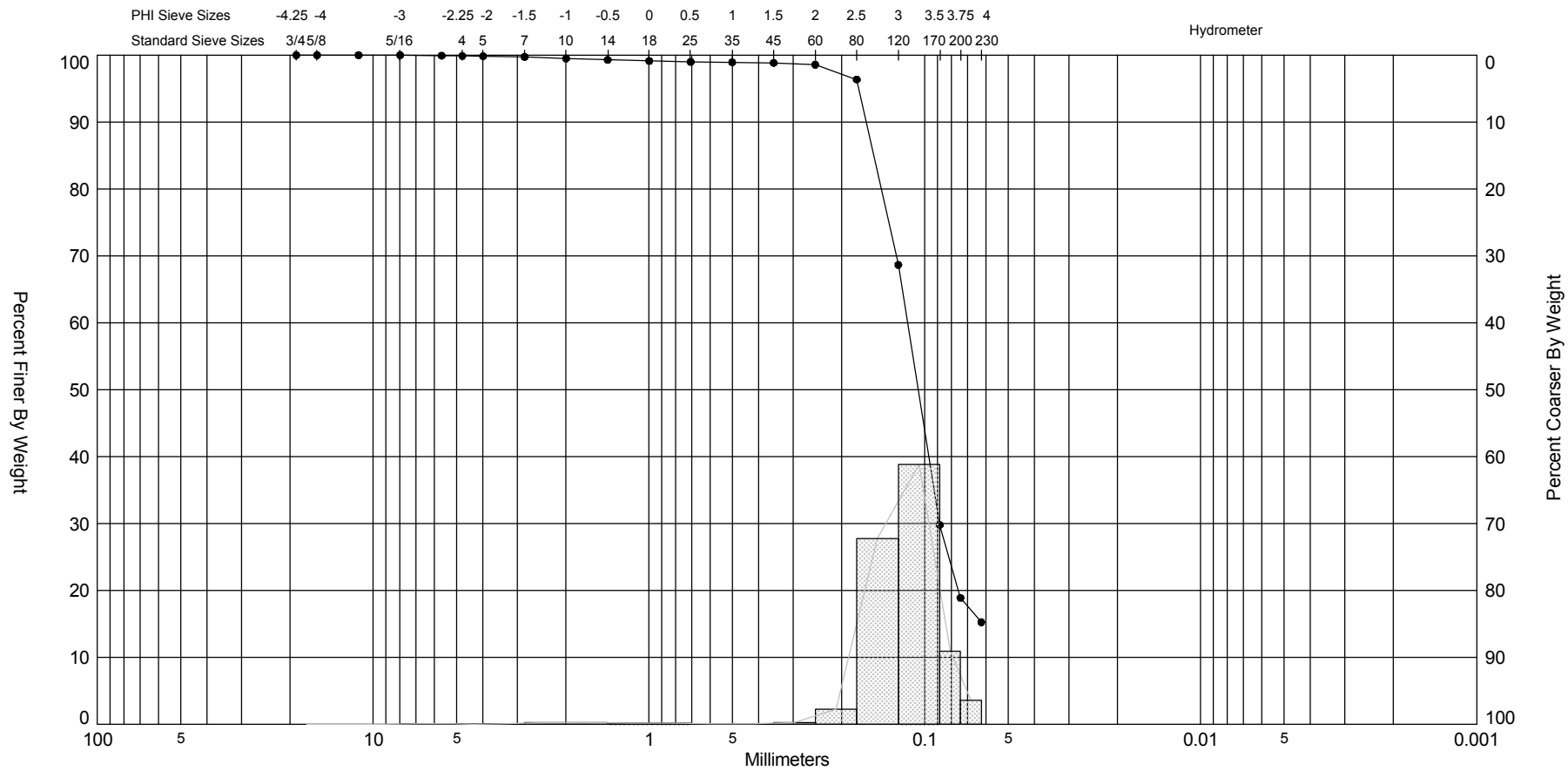
USCS:	Munsell:	Comments:
SM	Wet - 10Y-3/1 Dry - 5Y-5/1 Washed - 5Y-6/1	9/12/06 9:39

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
97.43	83.35	0.78	0.00	#200 - 18.88 #230 - 15.26			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.06	0.06	0.06	0.06
4	-2.25	4.76	0.06	0.06	0.12	0.12
5	-2.00	4.00	0.03	0.03	0.15	0.15
7	-1.50	2.83	0.10	0.10	0.25	0.25
10	-1.00	2.00	0.23	0.24	0.48	0.49
14	-0.50	1.41	0.20	0.21	0.68	0.70
18	0.00	1.00	0.17	0.17	0.85	0.87
25	0.50	0.71	0.13	0.13	0.98	1.00
35	1.00	0.50	0.06	0.06	1.04	1.06
45	1.50	0.35	0.09	0.09	1.13	1.15
60	2.00	0.25	0.26	0.27	1.39	1.42
80	2.50	0.18	2.15	2.21	3.54	3.63
120	3.00	0.13	27.01	27.72	30.55	31.35
170	3.50	0.09	37.87	38.87	68.42	70.22
200	3.75	0.07	10.62	10.90	79.04	81.12
230	4.00	0.06	3.53	3.62	82.57	84.74

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.95	3.61	3.24	2.89	2.72	2.52

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.08	0.12	0.59	-4.41	34.84



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH047 STA 70+40	—●—	0.0	SM	#200 - 18.88 #230 - 15.26			3.24	3.08	-4.41	34.84	0.59

Comments: 9/12/06 9:39

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	09-20-06
Analyzed By:	JF
Easting (X, ft):	3,781,314
Northing (Y, ft):	298,203
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH050 STA 73+70

Analysis Date: 10-09-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,781,648	298,243	Louisiana South State Plane	0.0

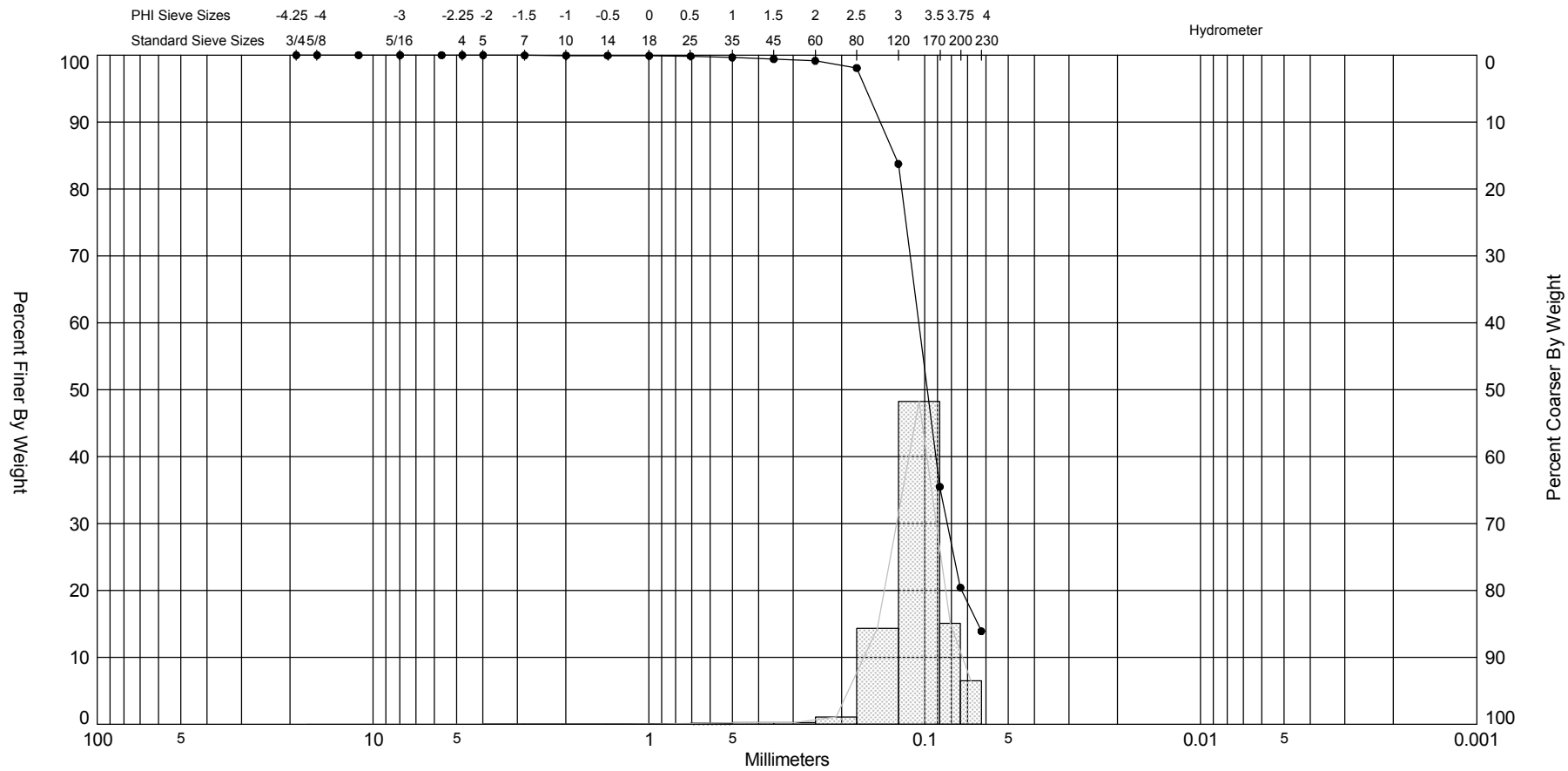
USCS:	Munsell:	Comments:
SM	Wet - 10Y-3/1 Dry - 10Y-5/1 Washed - 2.5Y-6/2	9/26/06 14:15

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
95.64	86.59	4.21	0.02	#200 - 20.43 #230 - 13.90			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.03	0.03	0.03	0.03
10	-1.00	2.00	0.02	0.02	0.05	0.05
14	-0.50	1.41	0.02	0.02	0.07	0.07
18	0.00	1.00	0.02	0.02	0.09	0.09
25	0.50	0.71	0.06	0.06	0.15	0.15
35	1.00	0.50	0.17	0.18	0.32	0.33
45	1.50	0.35	0.24	0.25	0.56	0.58
60	2.00	0.25	0.24	0.25	0.80	0.83
80	2.50	0.18	1.04	1.09	1.84	1.92
120	3.00	0.13	13.70	14.32	15.54	16.24
170	3.50	0.09	46.17	48.27	61.71	64.51
200	3.75	0.07	14.40	15.06	76.11	79.57
230	4.00	0.06	6.25	6.53	82.36	86.10

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.92	3.67	3.35	3.09	2.99	2.61

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.24	0.11	0.41	-2.66	23.72



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH050 STA 73+70	—●—	0.0	SM	#200 - 20.43 #230 - 13.90			3.35	3.24	-2.66	23.72	0.41

Comments: 9/26/06 14:15

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	10-09-06
Analyzed By:	jf
Easting (X, ft):	3,781,648
Northing (Y, ft):	298,243
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH055 STA 82+00

Analysis Date: 10-09-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,782,515	298,244	Louisiana South State Plane	0.0

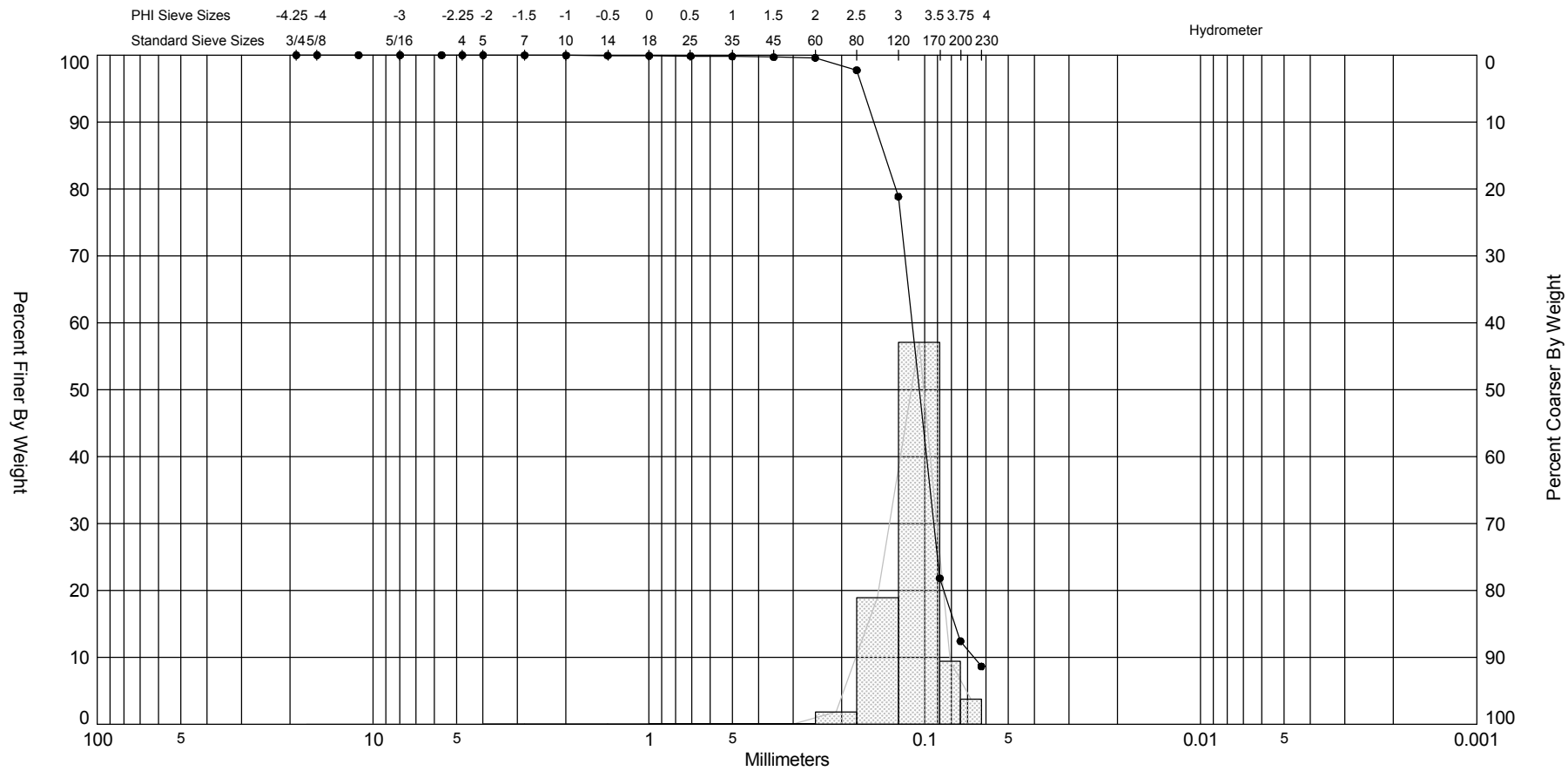
USCS:	Munsell:	Comments:
SM	Wet - 10Y-3/1 Dry - 10Y-5/1 Washed - 2.5Y-6/2	9/30/06 10:25

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
93.39	87.54	2.20	0.00	#200 - 12.41 #230 - 8.63			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.02	0.02	0.02	0.02
10	-1.00	2.00	0.02	0.02	0.04	0.04
14	-0.50	1.41	0.02	0.02	0.06	0.06
18	0.00	1.00	0.03	0.03	0.09	0.09
25	0.50	0.71	0.05	0.05	0.14	0.14
35	1.00	0.50	0.06	0.06	0.20	0.20
45	1.50	0.35	0.08	0.09	0.28	0.29
60	2.00	0.25	0.10	0.11	0.38	0.40
80	2.50	0.18	1.73	1.85	2.11	2.25
120	3.00	0.13	17.64	18.89	19.75	21.14
170	3.50	0.09	53.28	57.05	73.03	78.19
200	3.75	0.07	8.78	9.40	81.81	87.59
230	4.00	0.06	3.53	3.78	85.34	91.37

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.65	3.47	3.25	3.03	2.86	2.57

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.18	0.11	0.36	-2.52	25.97



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH055 STA 82+00	—●—	0.0	SM	#200 - 12.41 #230 - 8.63			3.25	3.18	-2.52	25.97	0.36

Comments: 9/30/06 10:25

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	10-09-06
Analyzed By:	jf
Easting (X, ft):	3,782,515
Northing (Y, ft):	298,244
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH059 STA 86+70

Analysis Date: 01-22-07

Analyzed By: jg

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,782,941	298,116	Louisiana South State Plane	0.0

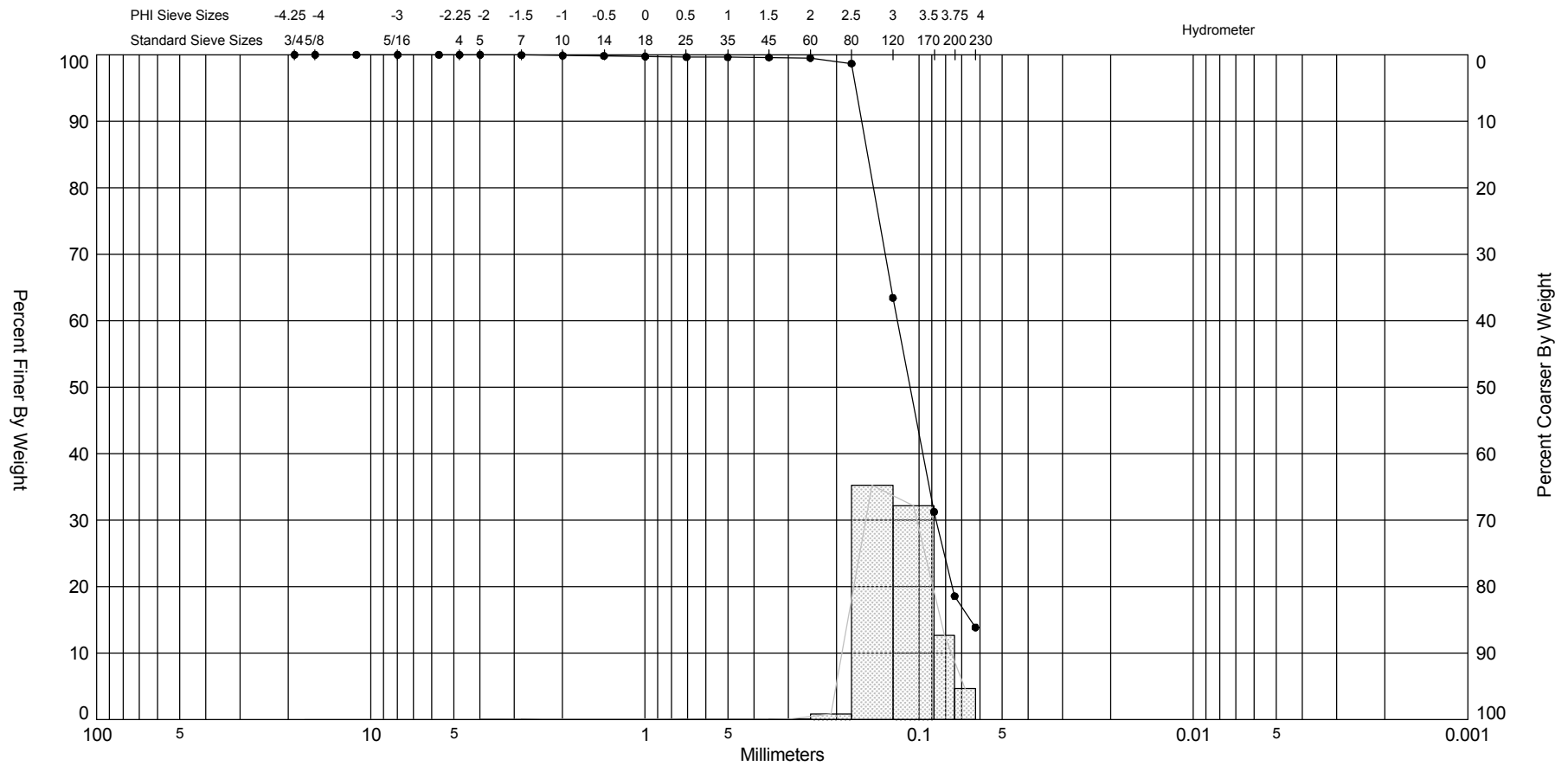
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
153.92	139.81	6.82	0.26	#200 - 18.55 #230 - 13.86			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.06	0.04	0.06	0.04
10	-1.00	2.00	0.11	0.07	0.17	0.11
14	-0.50	1.41	0.10	0.06	0.27	0.17
18	0.00	1.00	0.12	0.08	0.39	0.25
25	0.50	0.71	0.12	0.08	0.51	0.33
35	1.00	0.50	0.06	0.04	0.57	0.37
45	1.50	0.35	0.05	0.03	0.62	0.40
60	2.00	0.25	0.11	0.07	0.73	0.47
80	2.50	0.18	1.30	0.84	2.03	1.31
120	3.00	0.13	54.25	35.25	56.28	36.56
170	3.50	0.09	49.54	32.19	105.82	68.75
200	3.75	0.07	19.55	12.70	125.37	81.45
230	4.00	0.06	7.22	4.69	132.59	86.14

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.89	3.62	3.21	2.84	2.71	2.55

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.11	0.12	0.45	-2.34	24.08



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH059 STA 86+70	—●—	0.0	SM	#200 - 18.55 #230 - 13.86			3.21	3.11	-2.34	24.08	0.45

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-22-07
Analyzed By:	jg
Easting (X, ft):	3,782,941
Northing (Y, ft):	298,116
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH060 STA 91+00

Analysis Date: 10-10-09

Analyzed By:

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,783,573	298,034	Louisiana South State Plane	0.0

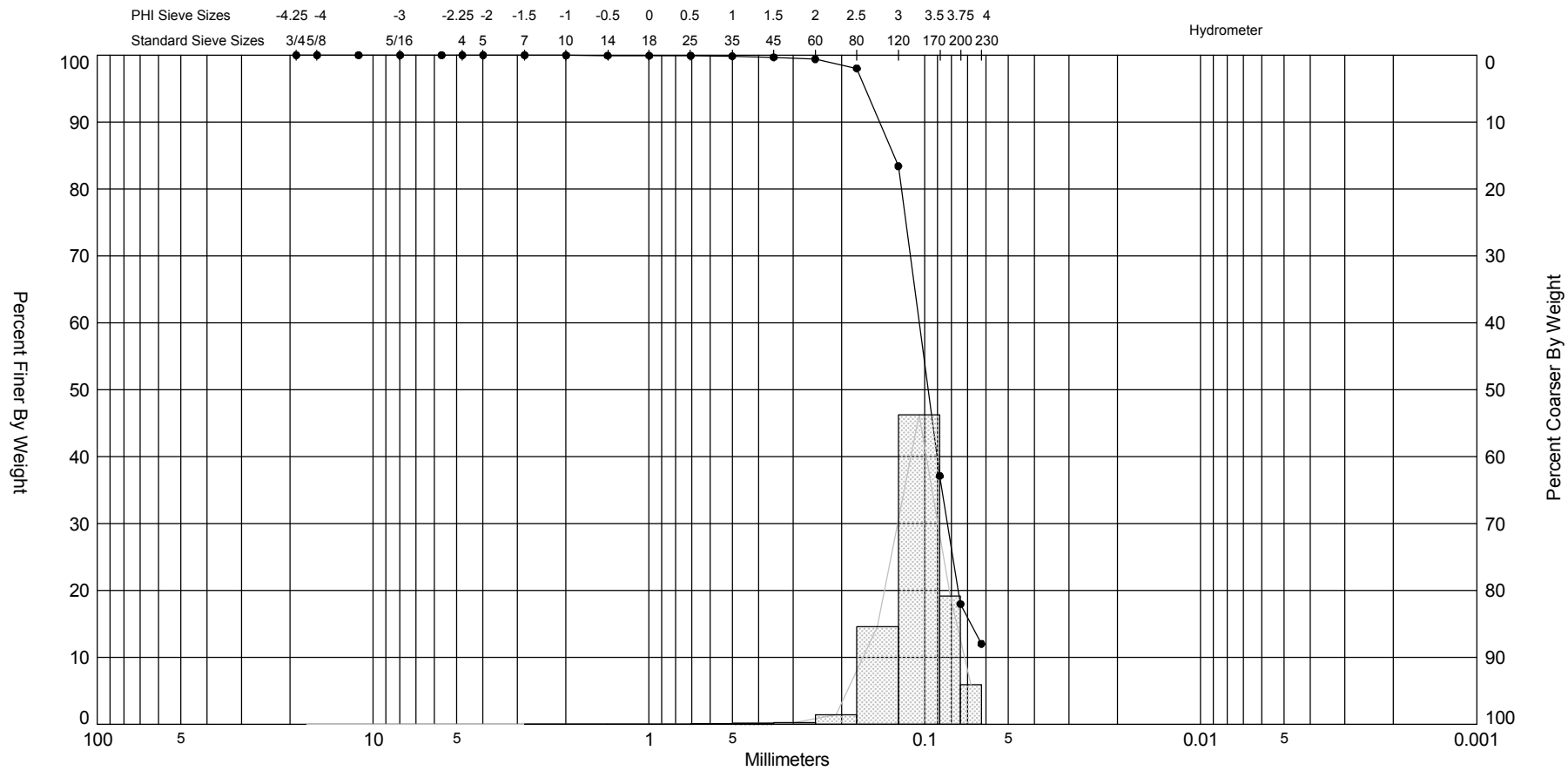
USCS:	Munsell:	Comments:
SM	Wet - 10Y-3/1 Dry - 10Y-5/1 Washed - 2.5Y-6/2	10/04/06 10:40

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
94.81	87.26	3.80	0.04	#200 - 17.96 #230 - 12.03			

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.03	0.03	0.03	0.03
14	-0.50	1.41	0.03	0.03	0.06	0.06
18	0.00	1.00	0.01	0.01	0.07	0.07
25	0.50	0.71	0.01	0.01	0.08	0.08
35	1.00	0.50	0.07	0.07	0.15	0.15
45	1.50	0.35	0.16	0.17	0.31	0.32
60	2.00	0.25	0.25	0.26	0.56	0.58
80	2.50	0.18	1.32	1.39	1.88	1.97
120	3.00	0.13	13.86	14.62	15.74	16.59
170	3.50	0.09	43.89	46.29	59.63	62.88
200	3.75	0.07	18.17	19.16	77.80	82.04
230	4.00	0.06	5.62	5.93	83.42	87.97

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.83	3.66	3.36	3.09	2.98	2.60

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.26	0.10	0.39	-2.01	17.53



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH060 STA 91+00	—●—	0.0	SM	#200 - 17.96 #230 - 12.03			3.36	3.26	-2.01	17.53	0.39

Comments: 10/04/06 10:40

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	10-10-09
Analyzed By:	
Easting (X, ft):	3,783,573
Northing (Y, ft):	298,034
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH063 STA 97+00

Analysis Date: 01-24-07

Analyzed By: st

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,783,943	297,831	Louisiana South State Plane	0.0

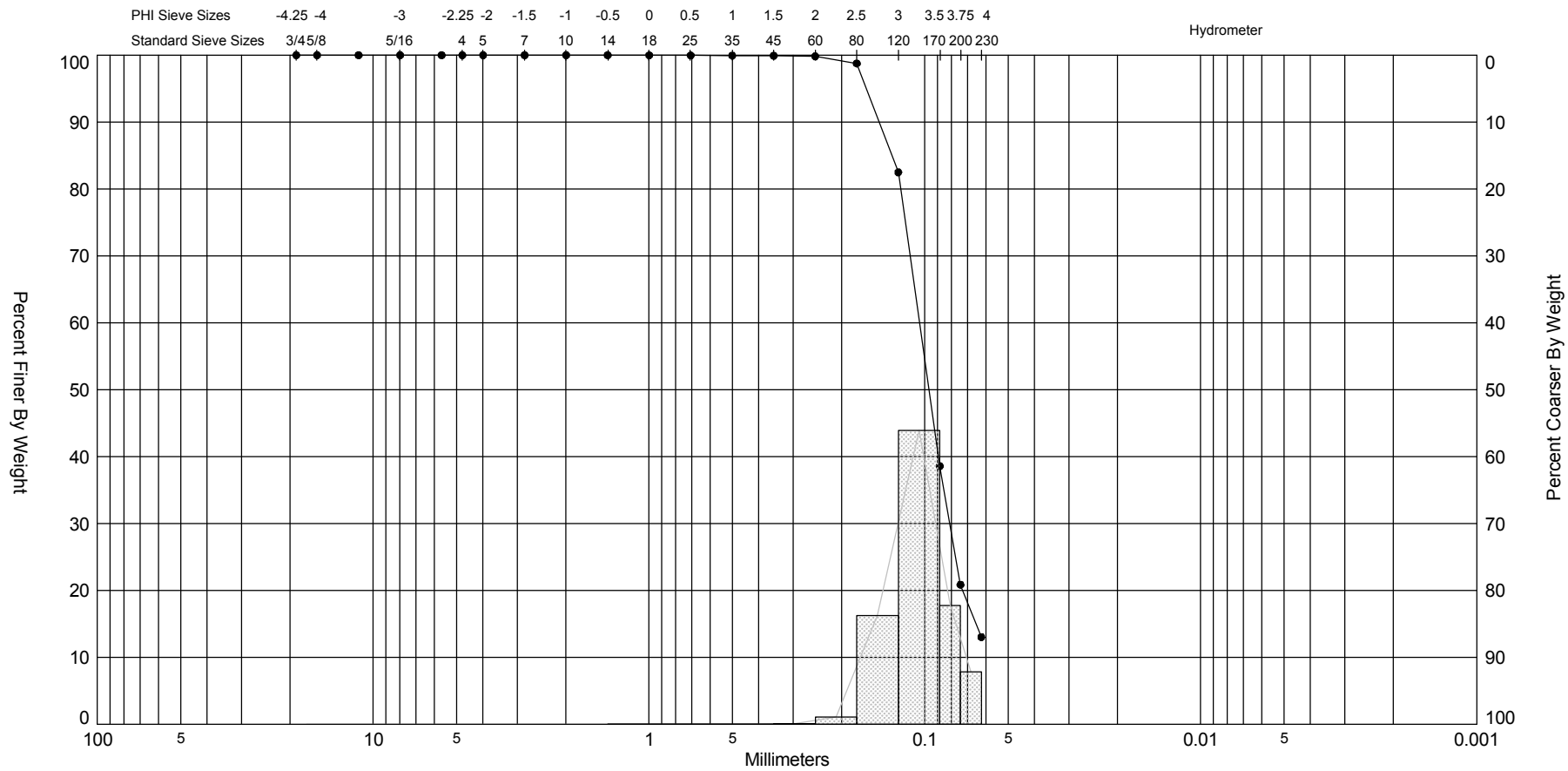
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
99.09	89.70	3.47	0.05	#200 - 20.86 #230 - 13.03			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.00	0.00	0.00	0.00
14	-0.50	1.41	0.00	0.00	0.00	0.00
18	0.00	1.00	0.02	0.02	0.02	0.02
25	0.50	0.71	0.01	0.01	0.03	0.03
35	1.00	0.50	0.02	0.02	0.05	0.05
45	1.50	0.35	0.03	0.03	0.08	0.08
60	2.00	0.25	0.08	0.08	0.16	0.16
80	2.50	0.18	1.06	1.07	1.22	1.23
120	3.00	0.13	16.13	16.28	17.35	17.51
170	3.50	0.09	43.50	43.90	60.85	61.41
200	3.75	0.07	17.57	17.73	78.42	79.14
230	4.00	0.06	7.76	7.83	86.18	86.97

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.91	3.69	3.37	3.09	2.95	2.62

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.27	0.10	0.36	-0.73	6.28



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH063 STA 97+00	—●—	0.0	SM	#200 - 20.86 #230 - 13.03			3.37	3.27	-0.73	6.28	0.36

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-24-07
Analyzed By:	st
Easting (X, ft):	3,783,943
Northing (Y, ft):	297,831
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH065 STA 100+80

Analysis Date: 11-02-06

Analyzed By: ST

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,784,317	297,727	Louisiana South State Plane	0.0

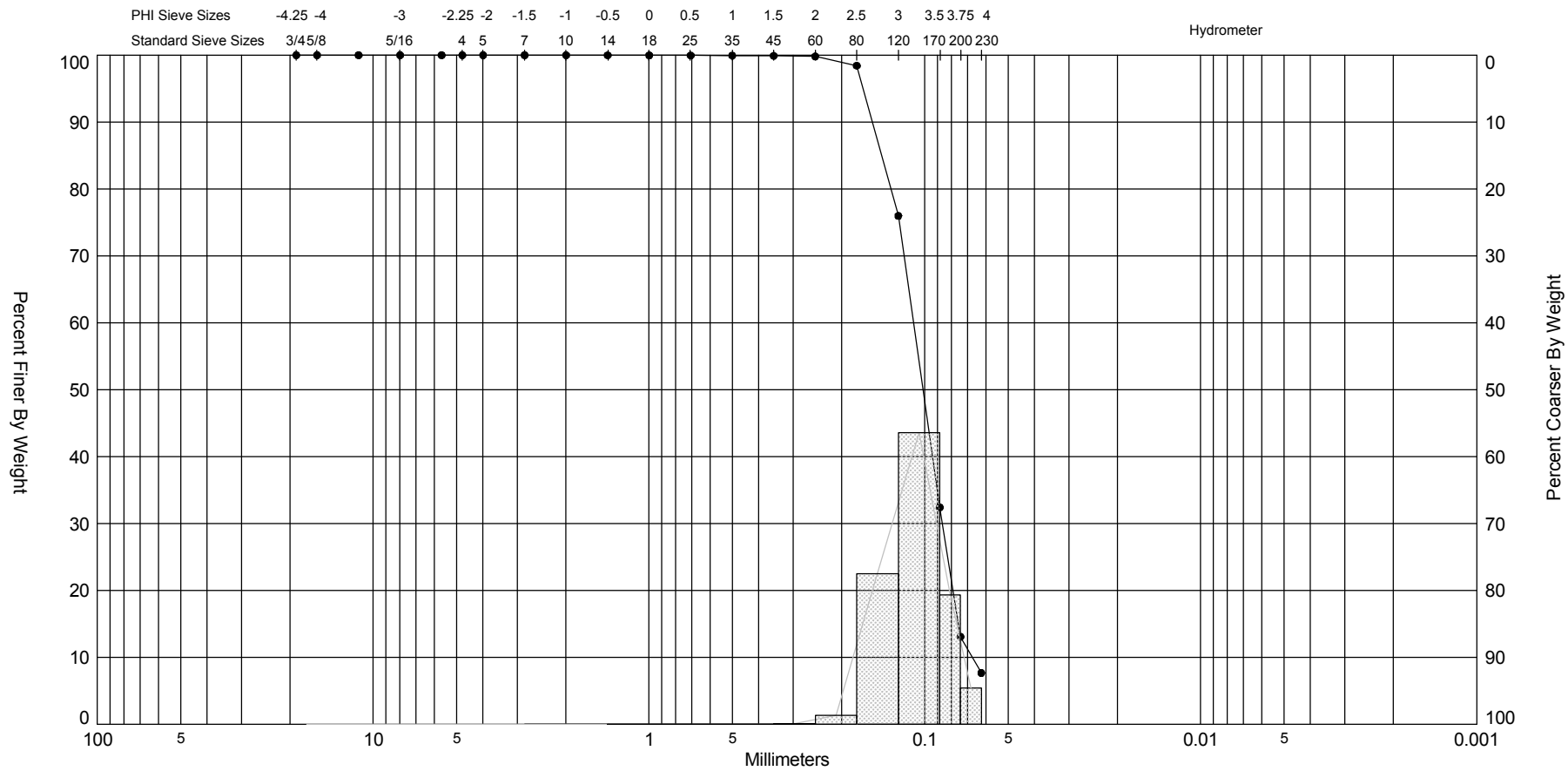
USCS:	Munsell:	Comments:
SM	Wet - 5Y-3/1 Dry - 5Y-4/2 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
80.25	74.53	0.40	0.02	#200 - 13.09 #230 - 7.66			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.01	0.01	0.01	0.01
14	-0.50	1.41	0.01	0.01	0.02	0.02
18	0.00	1.00	0.01	0.01	0.03	0.03
25	0.50	0.71	0.01	0.01	0.04	0.04
35	1.00	0.50	0.02	0.02	0.06	0.06
45	1.50	0.35	0.03	0.04	0.09	0.10
60	2.00	0.25	0.07	0.09	0.16	0.19
80	2.50	0.18	1.10	1.37	1.26	1.56
120	3.00	0.13	18.03	22.47	19.29	24.03
170	3.50	0.09	34.95	43.55	54.24	67.58
200	3.75	0.07	15.51	19.33	69.75	86.91
230	4.00	0.06	4.36	5.43	74.11	92.34

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.71	3.60	3.30	3.01	2.82	2.58

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.22	0.11	0.37	-0.94	9.12



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH065 STA 100+80	—●—	0.0	SM	#200 - 13.09 #230 - 7.66			3.3	3.22	-0.94	9.12	0.37

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-02-06
Analyzed By:	ST
Easting (X, ft):	3,784,317
Northing (Y, ft):	297,727
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH070 STA 107+00

Analysis Date: 11-05-06

Analyzed By: ST

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,784,966	297,775	Louisiana South State Plane	0.0

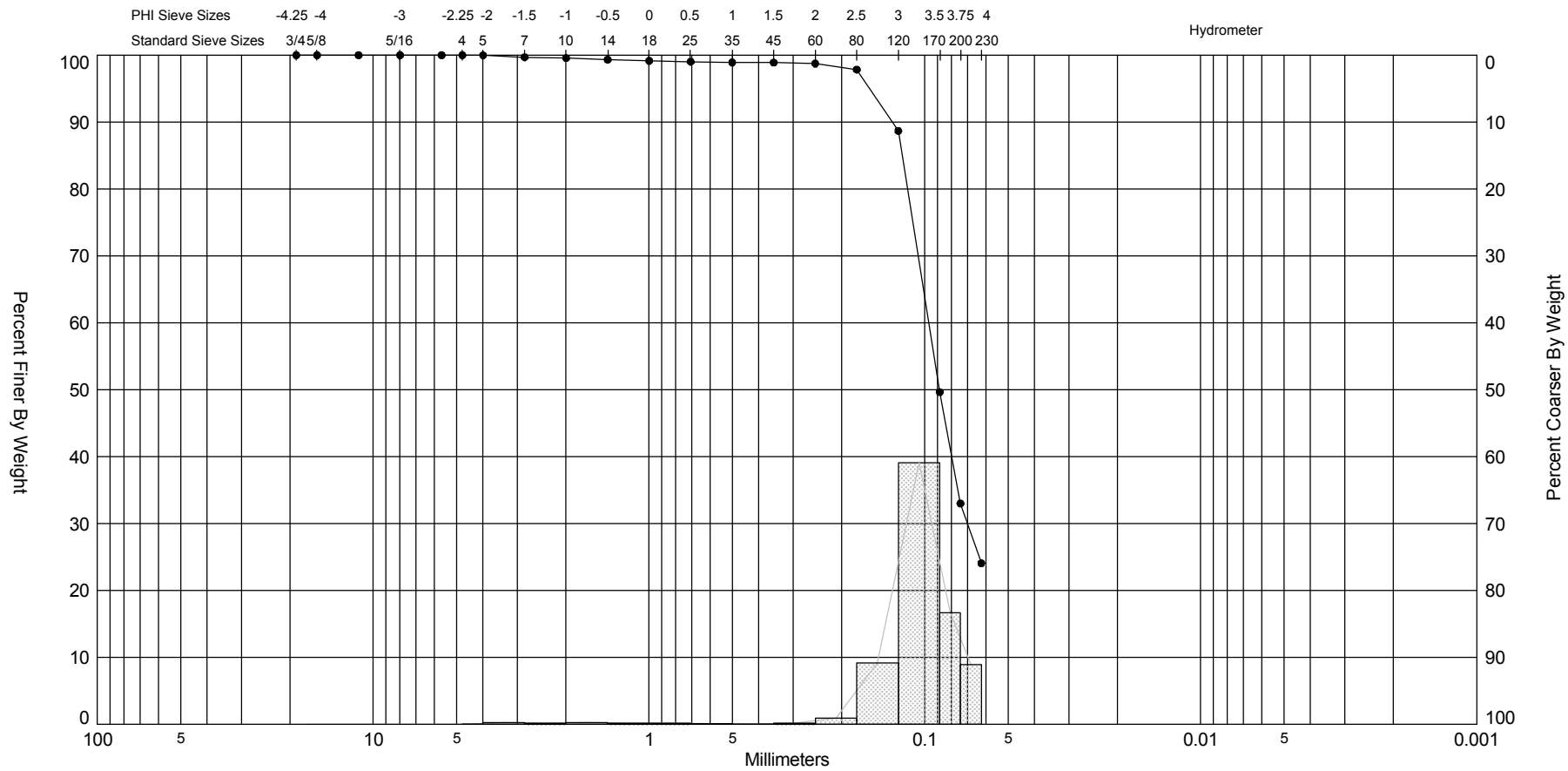
USCS:	Munsell:	Comments:
SM	Wet - 5Y-3/2 Dry - 5Y-6/1 Washed - 5Y-7/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
92.94	74.15	3.54	0.03	#200 - 33.00 #230 - 24.06			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.02	0.02	0.02	0.02
7	-1.50	2.83	0.26	0.28	0.28	0.30
10	-1.00	2.00	0.12	0.13	0.40	0.43
14	-0.50	1.41	0.21	0.23	0.61	0.66
18	0.00	1.00	0.16	0.17	0.77	0.83
25	0.50	0.71	0.13	0.14	0.90	0.97
35	1.00	0.50	0.10	0.11	1.00	1.08
45	1.50	0.35	0.03	0.03	1.03	1.11
60	2.00	0.25	0.12	0.13	1.15	1.24
80	2.50	0.18	0.85	0.91	2.00	2.15
120	3.00	0.13	8.51	9.16	10.51	11.31
170	3.50	0.09	36.30	39.06	46.81	50.37
200	3.75	0.07	15.46	16.63	62.27	67.00
230	4.00	0.06	8.31	8.94	70.58	75.94

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.97	3.50	3.18	3.06	2.66

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.27	0.10	0.6	-4.83	36.34



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH070 STA 107+00	—●—	0.0	SM	#200 - 33.00 #230 - 24.06			3.5	3.27	-4.83	36.34	0.6

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-05-06
Analyzed By:	ST
Easting (X, ft):	3,784,966
Northing (Y, ft):	297,775
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH075 STA 114+00

Analysis Date: 11-05-06

Analyzed By: ST

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,785,635	297,651	Louisiana South State Plane	0.0

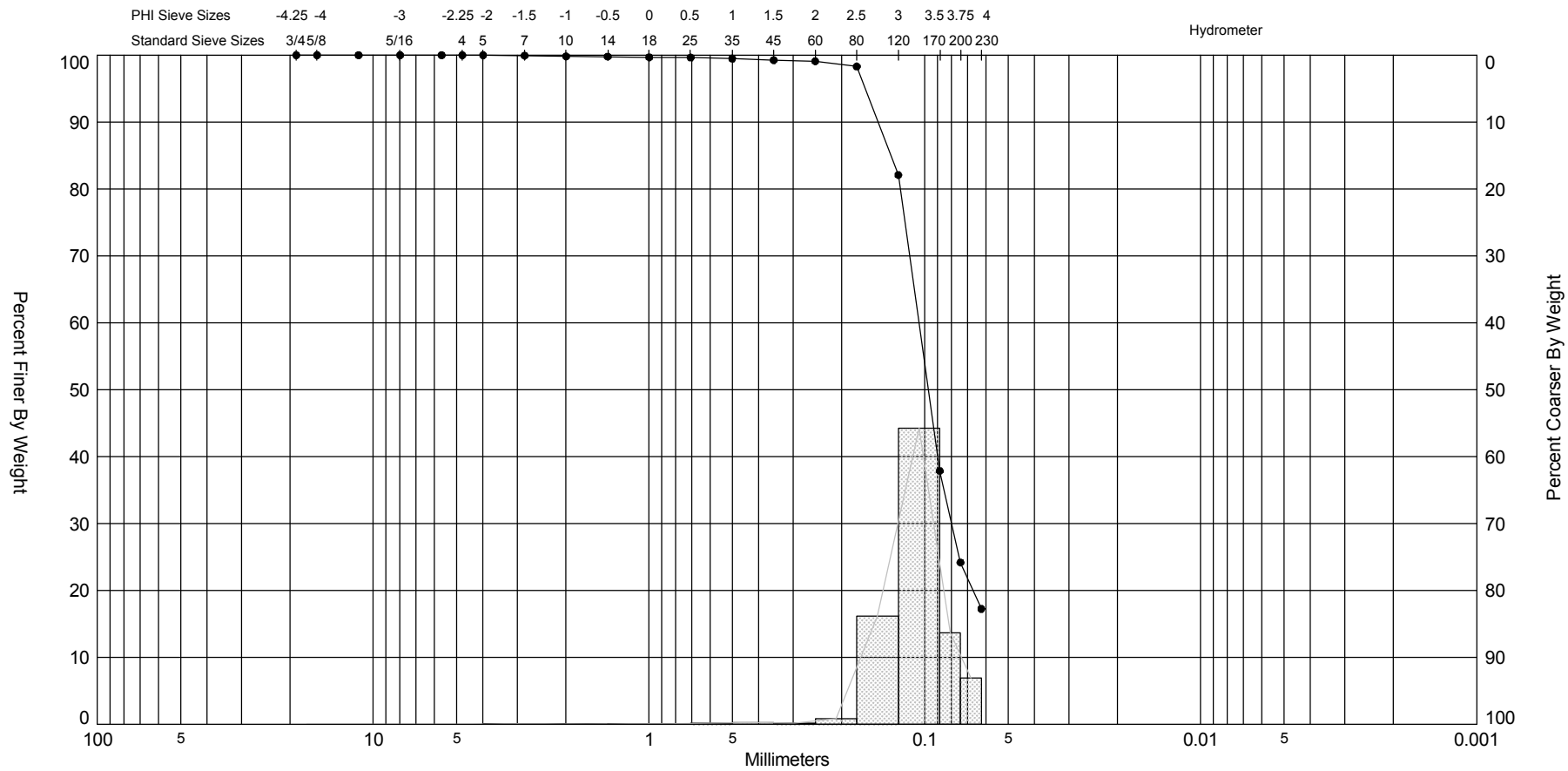
USCS:	Munsell:	Comments:
SM	Wet - 5Y-3/2 Dry - 5Y-6/1 Washed - 5Y-7/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
94.01	80.44	-0.37	3.21	#200 - 24.19 #230 - 17.25			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.07	0.07	0.07	0.07
10	-1.00	2.00	0.10	0.11	0.17	0.18
14	-0.50	1.41	0.03	0.03	0.20	0.21
18	0.00	1.00	0.09	0.10	0.29	0.31
25	0.50	0.71	0.05	0.05	0.34	0.36
35	1.00	0.50	0.16	0.17	0.50	0.53
45	1.50	0.35	0.20	0.21	0.70	0.74
60	2.00	0.25	0.15	0.16	0.85	0.90
80	2.50	0.18	0.75	0.80	1.60	1.70
120	3.00	0.13	15.23	16.20	16.83	17.90
170	3.50	0.09	41.58	44.23	58.41	62.13
200	3.75	0.07	12.86	13.68	71.27	75.81
230	4.00	0.06	6.52	6.94	77.79	82.75

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.74	3.36	3.08	2.94	2.60

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.23	0.11	0.46	-3.68	33.11



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH075 STA 114+00	—●—	0.0	SM	#200 - 24.19 #230 - 17.25			3.36	3.23	-3.68	33.11	0.46

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-05-06
Analyzed By:	ST
Easting (X, ft):	3,785,635
Northing (Y, ft):	297,651
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH079 STA 76+30

Analysis Date: 11-22-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,781,910	298,218	Louisiana South State Plane	4.0

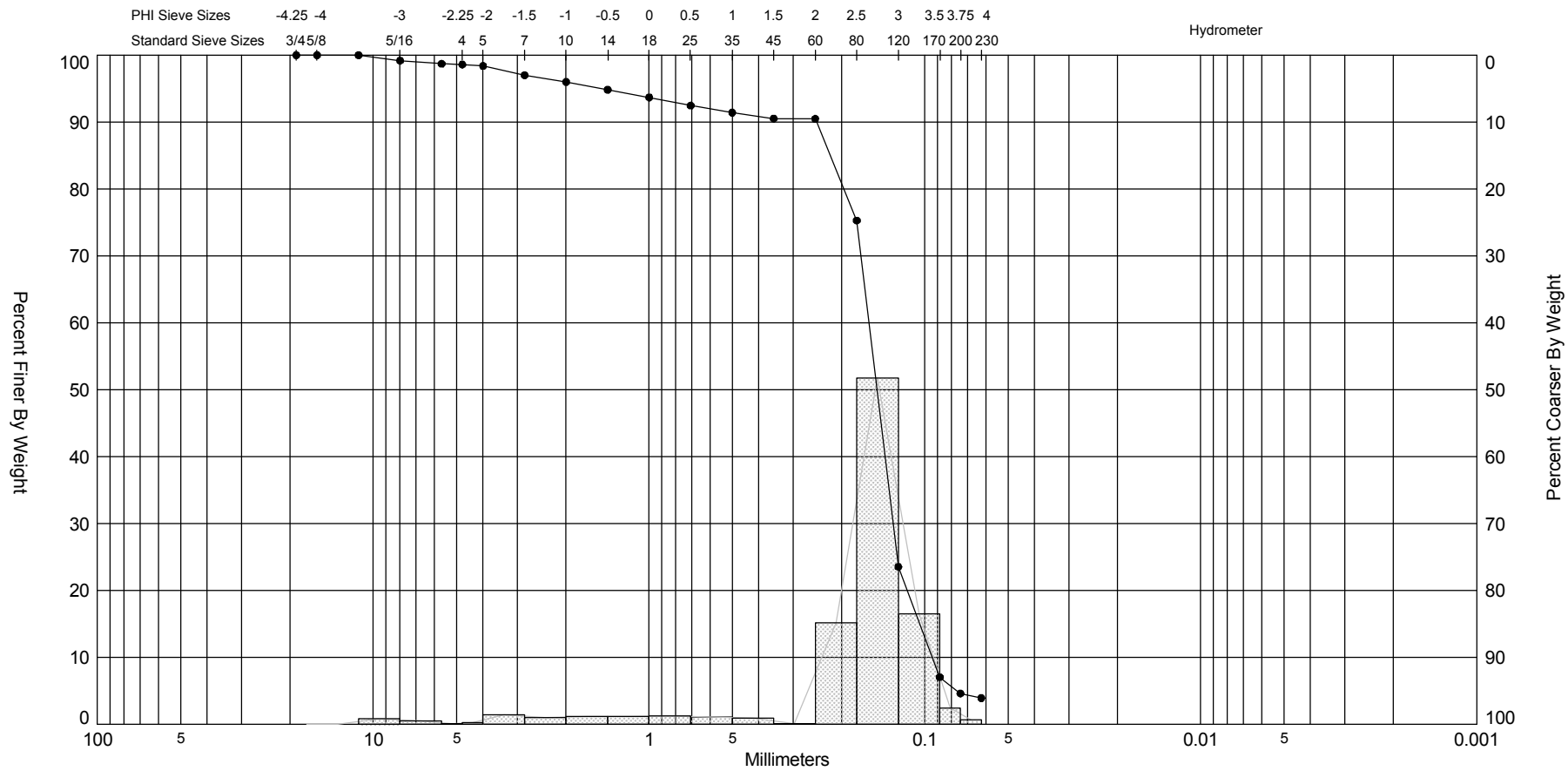
USCS:	Munsell:	Comments:
SW	Wet - 2.5Y-4/2 Dry - 2.5Y-6/2 Washed - 2.5Y-6/2	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
90.47	87.31	0.35	0.04	#200 - 4.60 #230 - 3.91			2

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.73	0.81	0.73	0.81
3.5	-2.50	5.66	0.43	0.48	1.16	1.29
4	-2.25	4.76	0.09	0.10	1.25	1.39
5	-2.00	4.00	0.20	0.22	1.45	1.61
7	-1.50	2.83	1.25	1.38	2.70	2.99
10	-1.00	2.00	0.91	1.01	3.61	4.00
14	-0.50	1.41	1.06	1.17	4.67	5.17
18	0.00	1.00	1.02	1.13	5.69	6.30
25	0.50	0.71	1.12	1.24	6.81	7.54
35	1.00	0.50	0.95	1.05	7.76	8.59
45	1.50	0.35	0.80	0.88	8.56	9.47
60	2.00	0.25	0.05	0.06	8.61	9.53
80	2.50	0.18	13.73	15.18	22.34	24.71
120	3.00	0.13	46.82	51.75	69.16	76.46
170	3.50	0.09	14.93	16.50	84.09	92.96
200	3.75	0.07	2.21	2.44	86.30	95.40
230	4.00	0.06	0.62	0.69	86.92	96.09

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
3.71	3.23	2.99	2.74	2.50	2.21	-0.57

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.44	0.18	1.19	-2.88	11.48



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH079 STA 76+30	—●—	4.0	SW	#200 - 4.60 #230 - 3.91			2.74	2.44	-2.88	11.48	1.19

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-22-06
Analyzed By:	jf
Easting (X, ft):	3,781,910
Northing (Y, ft):	298,218
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH080 STA 76+30

Analysis Date: 11-22-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,781,910	298,218	Louisiana South State Plane	2.0

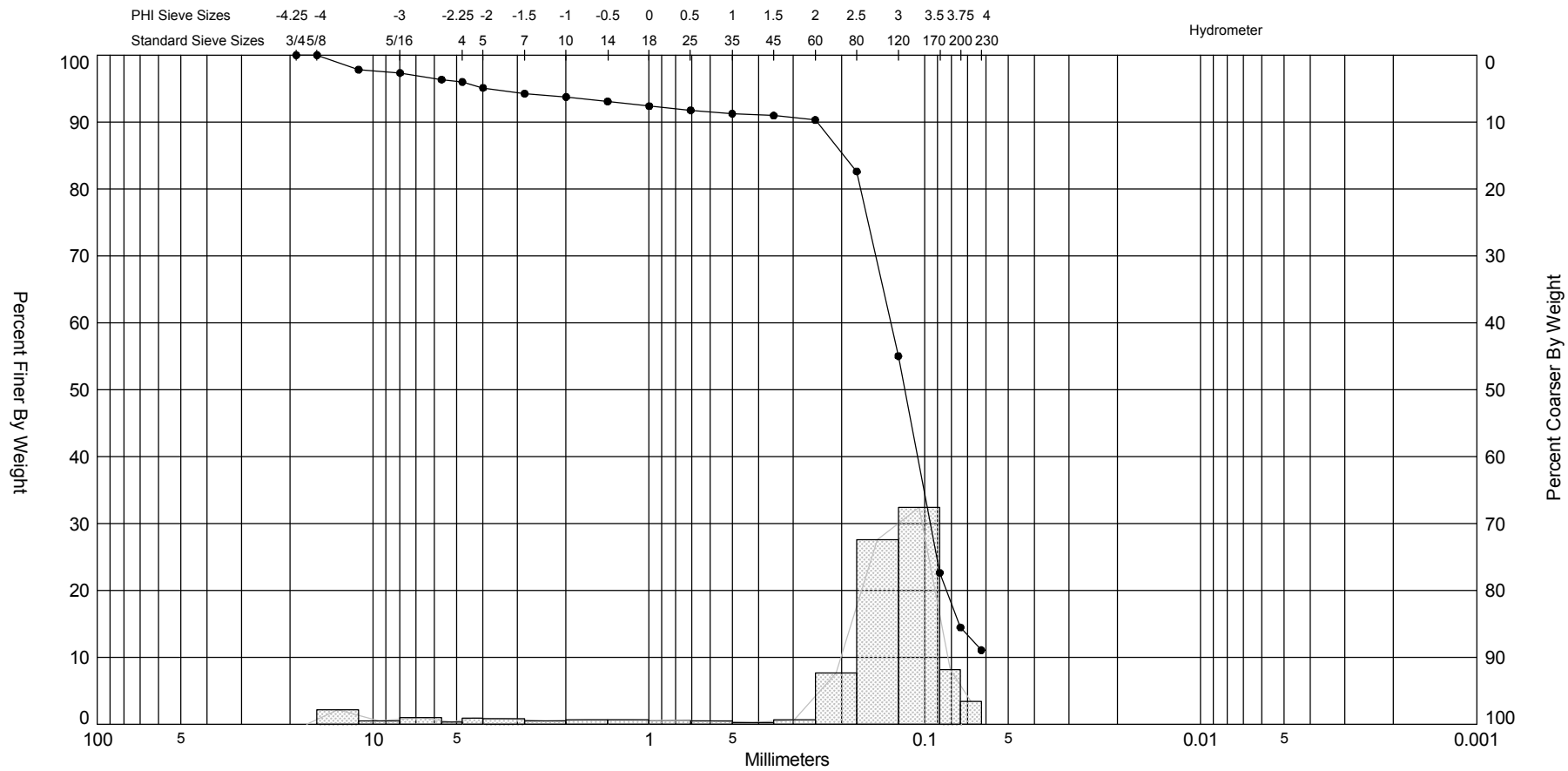
USCS:	Munsell:	Comments:
SM	Wet - 2.5Y-5/2 Dry - 2.5Y-6/2 Washed - 2.5Y-6/2	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
98.67	89.96	2.13	0.09	#200 - 14.46 #230 - 11.07			5

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	2.14	2.17	2.14	2.17
5/16"	-3.00	8.00	0.47	0.48	2.61	2.65
3.5	-2.50	5.66	0.99	1.00	3.60	3.65
4	-2.25	4.76	0.35	0.35	3.95	4.00
5	-2.00	4.00	0.87	0.88	4.82	4.88
7	-1.50	2.83	0.86	0.87	5.68	5.75
10	-1.00	2.00	0.48	0.49	6.16	6.24
14	-0.50	1.41	0.67	0.68	6.83	6.92
18	0.00	1.00	0.69	0.70	7.52	7.62
25	0.50	0.71	0.61	0.62	8.13	8.24
35	1.00	0.50	0.49	0.50	8.62	8.74
45	1.50	0.35	0.29	0.29	8.91	9.03
60	2.00	0.25	0.65	0.66	9.56	9.69
80	2.50	0.18	7.59	7.69	17.15	17.38
120	3.00	0.13	27.22	27.59	44.37	44.97
170	3.50	0.09	31.97	32.40	76.34	77.37
200	3.75	0.07	8.06	8.17	84.40	85.54
230	4.00	0.06	3.34	3.39	87.74	88.93

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.70	3.46	3.08	2.64	2.41	-1.93

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.53	0.17	1.62	-2.71	9.64



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH080 STA 76+30	—●—	2.0	SM	#200 - 14.46 #230 - 11.07			3.08	2.53	-2.71	9.64	1.62

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-22-06
Analyzed By:	jf
Easting (X, ft):	3,781,910
Northing (Y, ft):	298,218
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH081 STA 76+30

Analysis Date: 11-22-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,781,910	298,218	Louisiana South State Plane	0.0

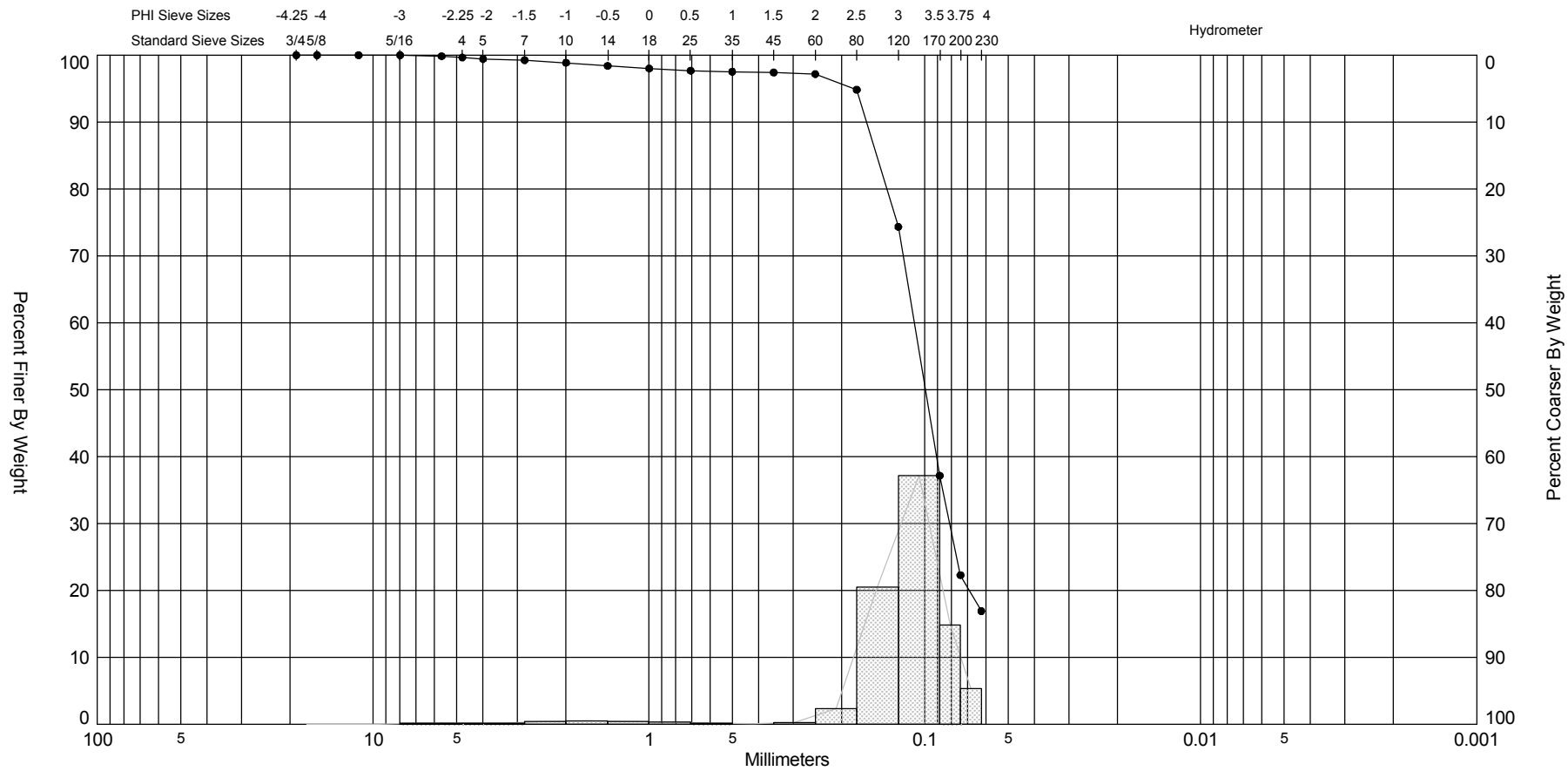
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 2.5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
94.50	81.01	2.37	0.16	#200 - 22.29 #230 - 16.92			1

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.14	0.15	0.14	0.15
4	-2.25	4.76	0.19	0.20	0.33	0.35
5	-2.00	4.00	0.19	0.20	0.52	0.55
7	-1.50	2.83	0.18	0.19	0.70	0.74
10	-1.00	2.00	0.37	0.39	1.07	1.13
14	-0.50	1.41	0.44	0.47	1.51	1.60
18	0.00	1.00	0.36	0.38	1.87	1.98
25	0.50	0.71	0.31	0.33	2.18	2.31
35	1.00	0.50	0.15	0.16	2.33	2.47
45	1.50	0.35	0.10	0.11	2.43	2.58
60	2.00	0.25	0.23	0.24	2.66	2.82
80	2.50	0.18	2.21	2.34	4.87	5.16
120	3.00	0.13	19.36	20.49	24.23	25.65
170	3.50	0.09	35.15	37.20	59.38	62.85
200	3.75	0.07	14.04	14.86	73.42	77.71
230	4.00	0.06	5.07	5.37	78.49	83.08

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.70	3.33	2.98	2.76	2.47

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.07	0.12	0.82	-4.1	23.93



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH081 STA 76+30	—●—	0.0	SM	#200 - 22.29 #230 - 16.92			3.33	3.07	-4.1	23.93	0.82

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-22-06
Analyzed By:	jf
Easting (X, ft):	3,781,910
Northing (Y, ft):	298,218
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH082 STA 93+70

Analysis Date: 11-22-06

Analyzed By:

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,783,629	297,951	Louisiana South State Plane	4.0

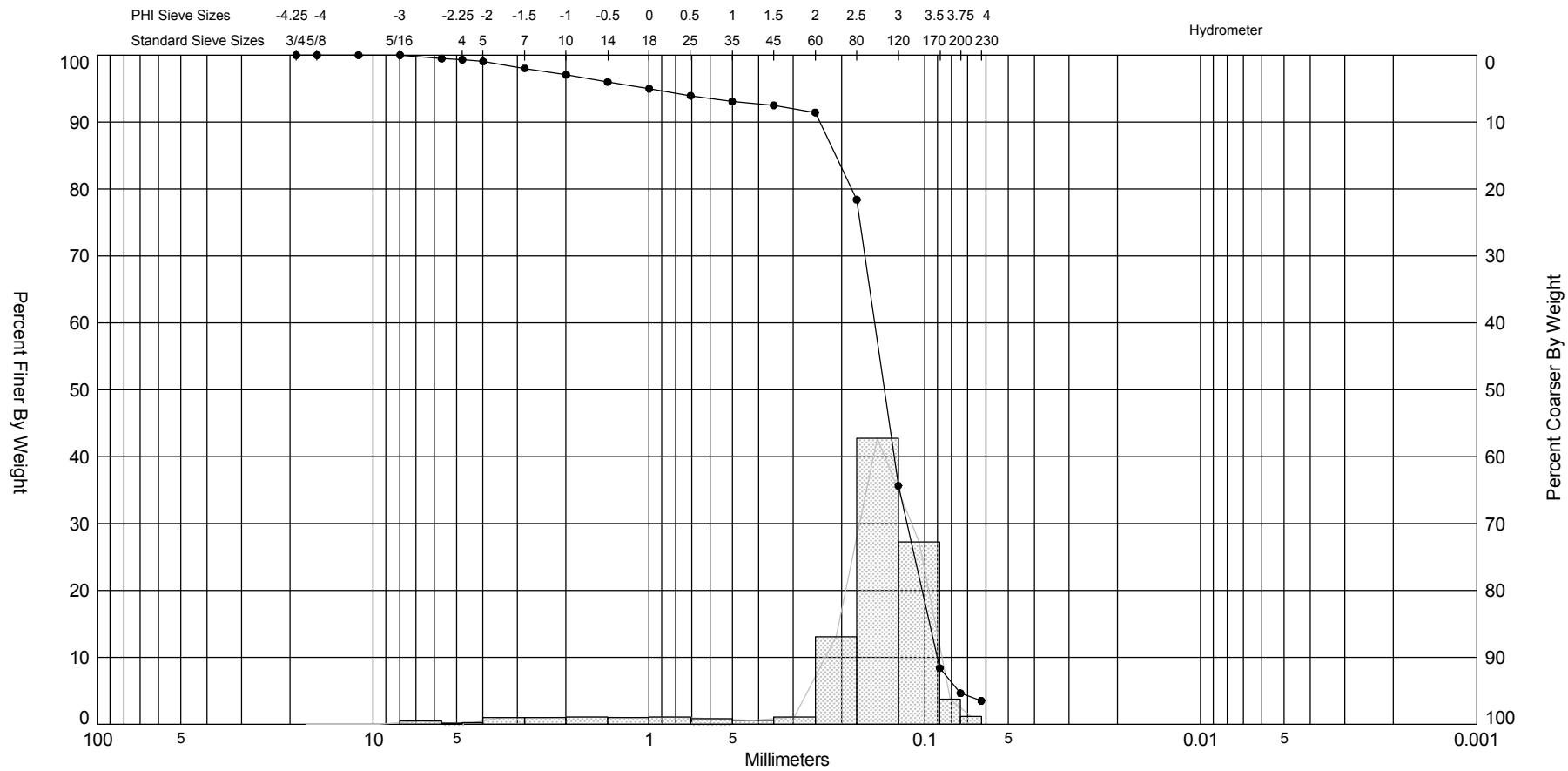
USCS:	Munsell:	Comments:
SW	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 2.5Y-6/2	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
94.32	91.73	0.61	0.13	#200 - 4.64 #230 - 3.51			2

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.49	0.52	0.49	0.52
4	-2.25	4.76	0.13	0.14	0.62	0.66
5	-2.00	4.00	0.26	0.28	0.88	0.94
7	-1.50	2.83	0.96	1.02	1.84	1.96
10	-1.00	2.00	0.92	0.98	2.76	2.94
14	-0.50	1.41	1.01	1.07	3.77	4.01
18	0.00	1.00	0.93	0.99	4.70	5.00
25	0.50	0.71	1.01	1.07	5.71	6.07
35	1.00	0.50	0.82	0.87	6.53	6.94
45	1.50	0.35	0.52	0.55	7.05	7.49
60	2.00	0.25	1.01	1.07	8.06	8.56
80	2.50	0.18	12.31	13.05	20.37	21.61
120	3.00	0.13	40.31	42.74	60.68	64.35
170	3.50	0.09	25.70	27.25	86.38	91.60
200	3.75	0.07	3.55	3.76	89.93	95.36
230	4.00	0.06	1.07	1.13	91.00	96.49

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
3.73	3.36	3.20	2.83	2.54	2.29	0.00

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.6	0.16	1.06	-2.9	12.08



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH082 STA 93+70	—●—	4.0	SW	#200 - 4.64 #230 - 3.51			2.83	2.6	-2.9	12.08	1.06

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-22-06
Analyzed By:	
Easting (X, ft):	3,783,629
Northing (Y, ft):	297,951
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH083 STA 93+70

Analysis Date: 11-22-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,783,629	297,951	Louisiana South State Plane	2.0

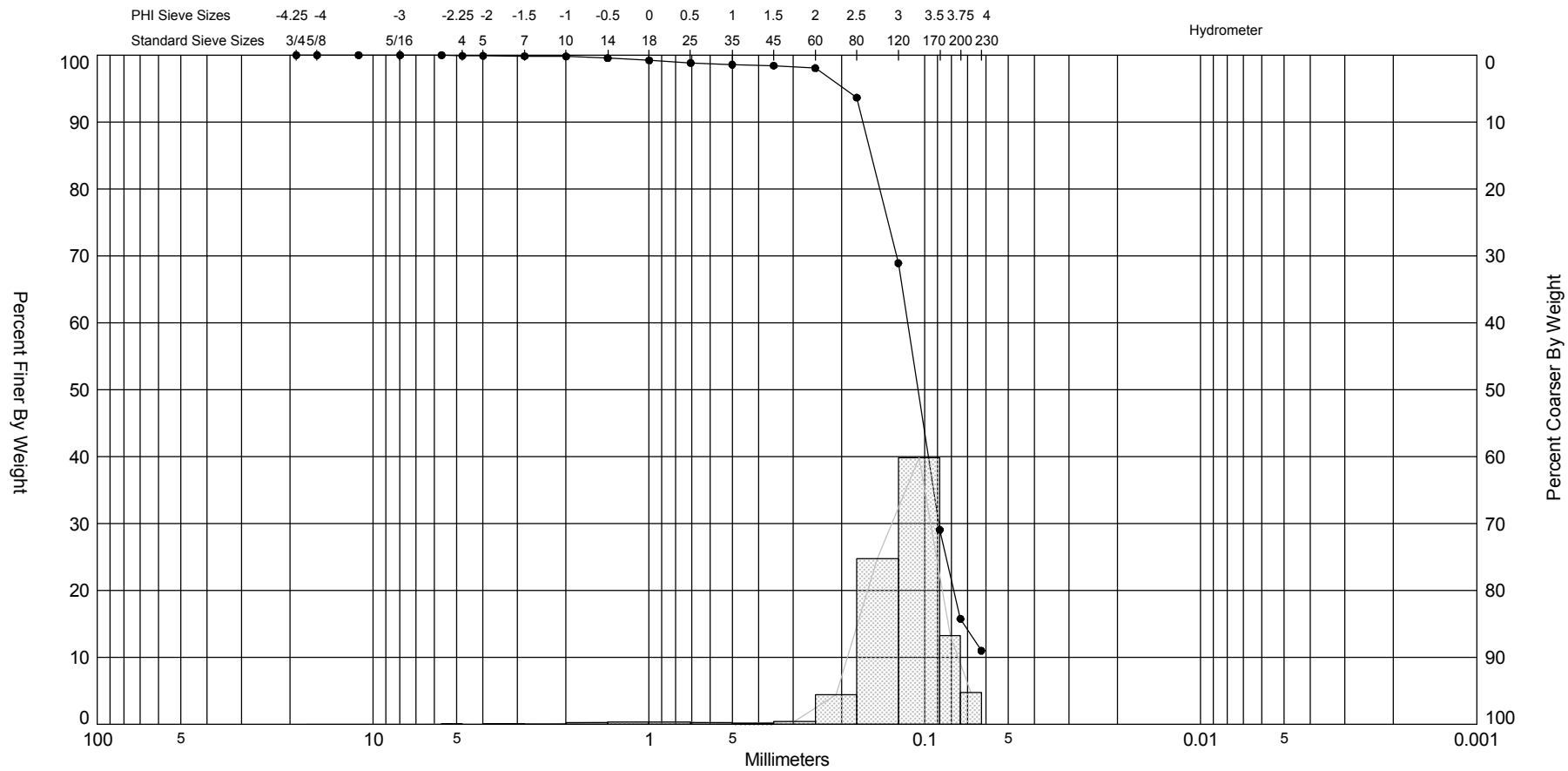
USCS:	Munsell:	Comments:
SM	Wet - 2.5Y-5/2 Dry - 2.5Y-6/2 Washed - 2.5Y-6/2	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
93.70	86.49	2.93	0.16	#200 - 15.76 #230 - 10.98			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.09	0.10	0.09	0.10
5	-2.00	4.00	0.00	0.00	0.09	0.10
7	-1.50	2.83	0.05	0.05	0.14	0.15
10	-1.00	2.00	0.04	0.04	0.18	0.19
14	-0.50	1.41	0.24	0.26	0.42	0.45
18	0.00	1.00	0.32	0.34	0.74	0.79
25	0.50	0.71	0.35	0.37	1.09	1.16
35	1.00	0.50	0.23	0.25	1.32	1.41
45	1.50	0.35	0.14	0.15	1.46	1.56
60	2.00	0.25	0.37	0.39	1.83	1.95
80	2.50	0.18	4.12	4.40	5.95	6.35
120	3.00	0.13	23.17	24.73	29.12	31.08
170	3.50	0.09	37.36	39.87	66.48	70.95
200	3.75	0.07	12.45	13.29	78.93	84.24
230	4.00	0.06	4.48	4.78	83.41	89.02

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.75	3.58	3.24	2.88	2.70	2.35

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.09	0.12	0.6	-3.4	23.51



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH083 STA 93+70	—●—	2.0	SM	#200 - 15.76 #230 - 10.98			3.24	3.09	-3.4	23.51	0.6

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-22-06
Analyzed By:	jf
Easting (X, ft):	3,783,629
Northing (Y, ft):	297,951
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH084 STA 93+70

Analysis Date: 11-22-06

Analyzed By: jf

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,783,629	297,951	Louisiana South State Plane	0.0

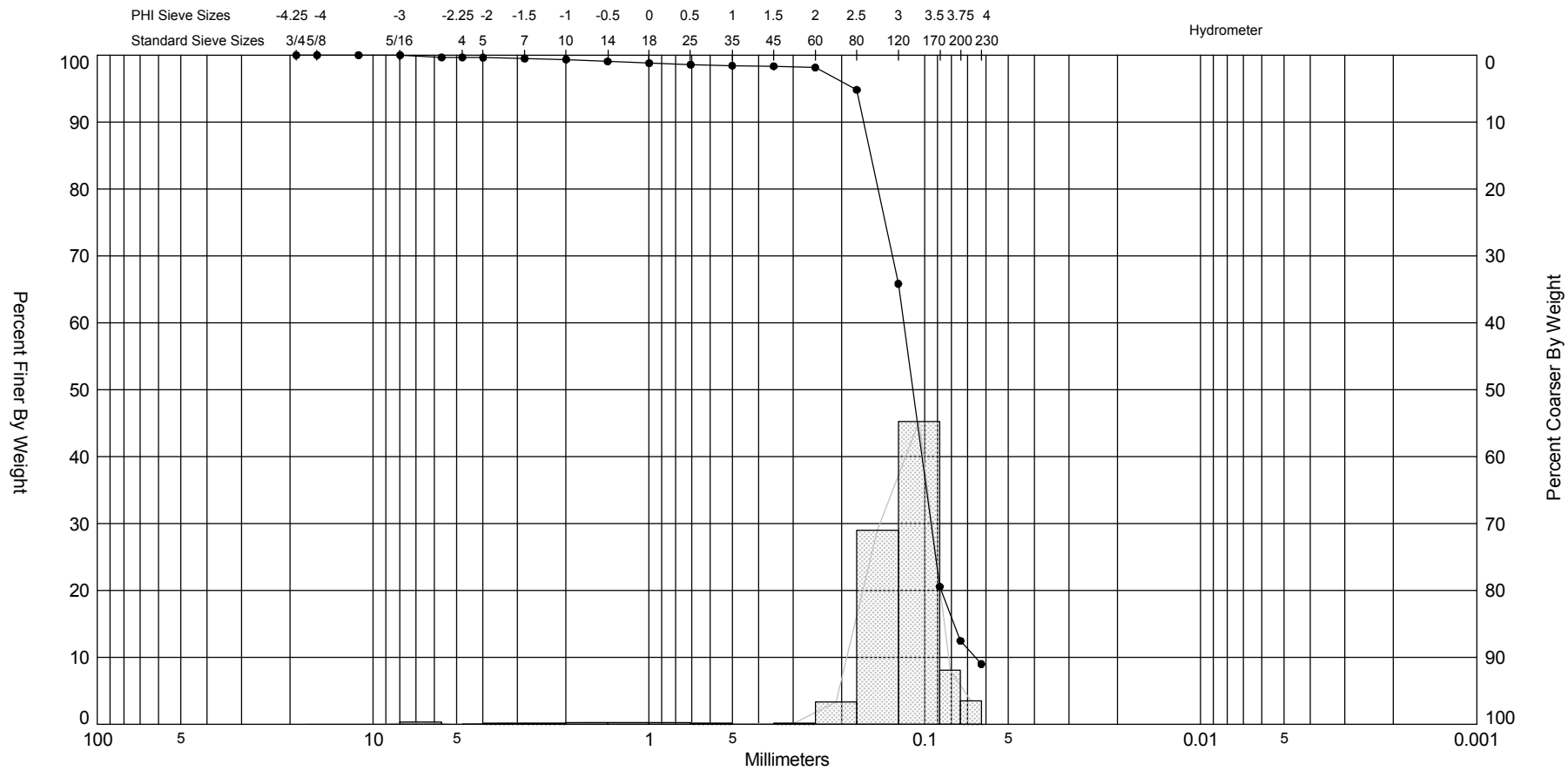
USCS:	Munsell:	Comments:
SM	Wet - 2.5Y-5/2 Dry - 2.5Y-6/2 Washed - 2.5Y-6/2	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
94.59	88.47	2.36	0.03	#200 - 12.46 #230 - 8.99			1

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.31	0.33	0.31	0.33
4	-2.25	4.76	0.00	0.00	0.31	0.33
5	-2.00	4.00	0.03	0.03	0.34	0.36
7	-1.50	2.83	0.14	0.15	0.48	0.51
10	-1.00	2.00	0.12	0.13	0.60	0.64
14	-0.50	1.41	0.27	0.29	0.87	0.93
18	0.00	1.00	0.25	0.26	1.12	1.19
25	0.50	0.71	0.21	0.22	1.33	1.41
35	1.00	0.50	0.15	0.16	1.48	1.57
45	1.50	0.35	0.08	0.08	1.56	1.65
60	2.00	0.25	0.19	0.20	1.75	1.85
80	2.50	0.18	3.16	3.34	4.91	5.19
120	3.00	0.13	27.41	28.98	32.32	34.17
170	3.50	0.09	42.83	45.28	75.15	79.45
200	3.75	0.07	7.65	8.09	82.80	87.54
230	4.00	0.06	3.28	3.47	86.08	91.01

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.64	3.45	3.17	2.84	2.69	2.47

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.03	0.12	0.66	-4.8	36.48



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH084 STA 93+70	—●—	0.0	SM	#200 - 12.46 #230 - 8.99			3.17	3.03	-4.8	36.48	0.66

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-22-06
Analyzed By:	jf
Easting (X, ft):	3,783,629
Northing (Y, ft):	297,951
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH086 STA 101+50

Analysis Date: 11-22-06

Analyzed By: jf

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,784,372	297,637	Louisiana South State Plane	0.0

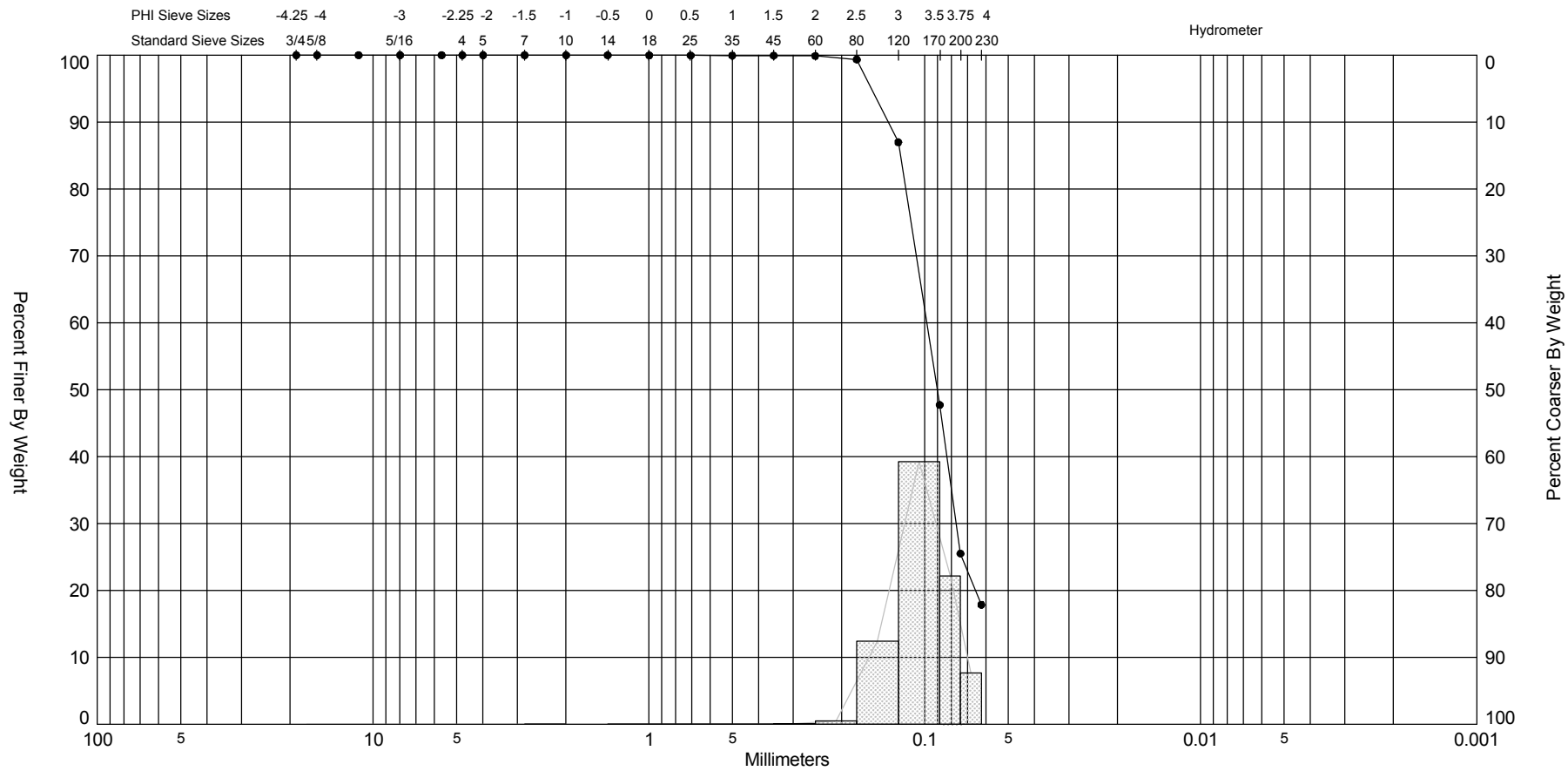
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
96.72	82.09	2.51	0.14	#200 - 25.52 #230 - 17.86			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.01	0.01	0.01	0.01
14	-0.50	1.41	0.00	0.00	0.01	0.01
18	0.00	1.00	0.02	0.02	0.03	0.03
25	0.50	0.71	0.01	0.01	0.04	0.04
35	1.00	0.50	0.01	0.01	0.05	0.05
45	1.50	0.35	0.02	0.02	0.07	0.07
60	2.00	0.25	0.05	0.05	0.12	0.12
80	2.50	0.18	0.50	0.52	0.62	0.64
120	3.00	0.13	11.98	12.39	12.60	13.03
170	3.50	0.09	37.96	39.25	50.56	52.28
200	3.75	0.07	21.47	22.20	72.03	74.48
230	4.00	0.06	7.41	7.66	79.44	82.14

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.77	3.47	3.15	3.04	2.68

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.32	0.10	0.35	-1.11	10.4



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH086 STA 101+50	—●—	0.0	SM	#200 - 25.52 #230 - 17.86			3.47	3.32	-1.11	10.4	0.35

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	11-22-06
Analyzed By:	jf
Easting (X, ft):	3,784,372
Northing (Y, ft):	297,637
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH087 STA 102+80

Analysis Date: 12-19-06

Analyzed By: jf

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,784,372	297,587	Louisiana South State Plane	0.0

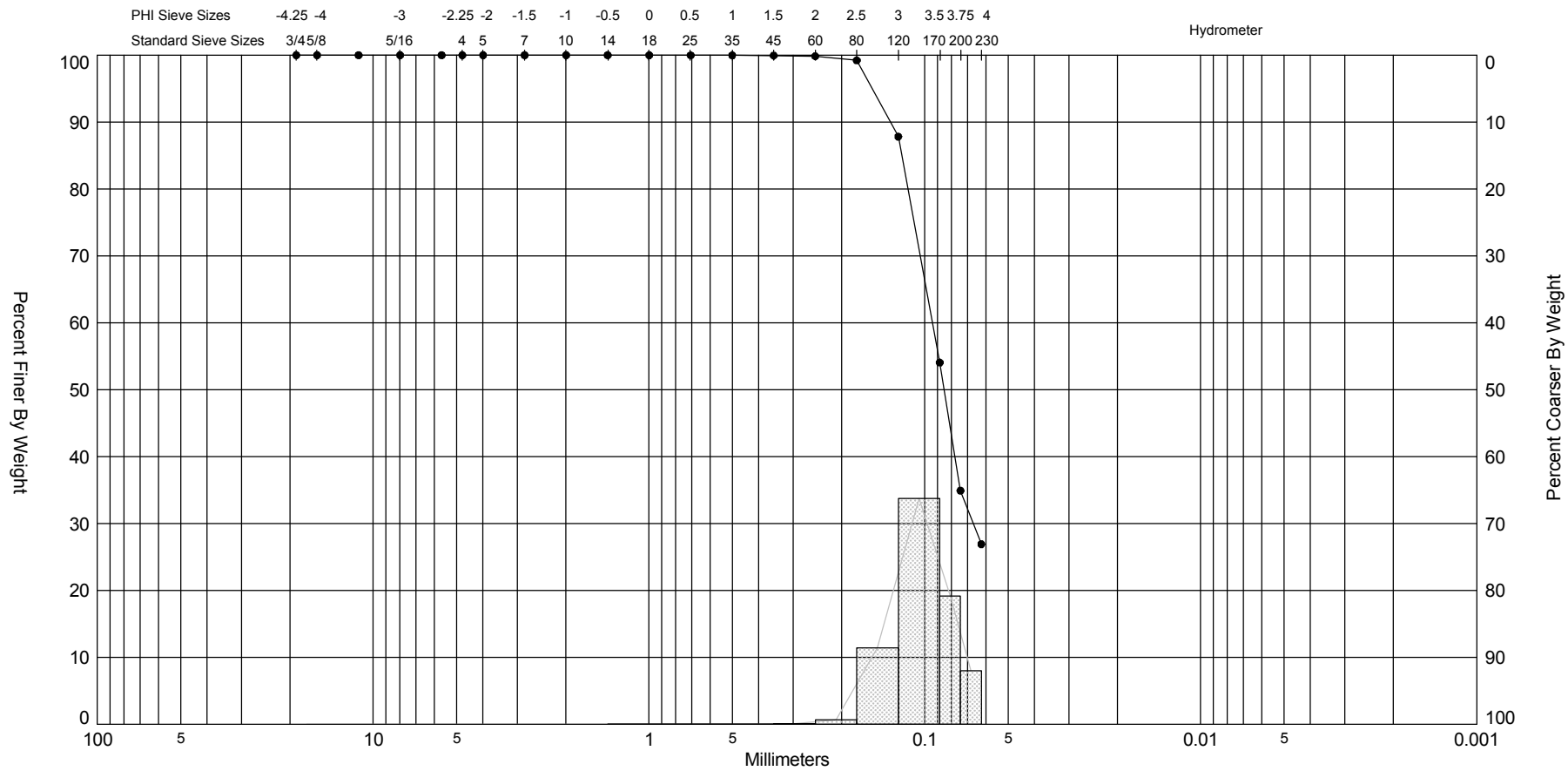
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-6/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
91.12	67.54	0.95	0.00	#200 - 34.91 #230 - 26.92			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.00	0.00	0.00	0.00
14	-0.50	1.41	0.00	0.00	0.00	0.00
18	0.00	1.00	0.01	0.01	0.01	0.01
25	0.50	0.71	0.01	0.01	0.02	0.02
35	1.00	0.50	0.01	0.01	0.03	0.03
45	1.50	0.35	0.02	0.02	0.05	0.05
60	2.00	0.25	0.09	0.10	0.14	0.15
80	2.50	0.18	0.57	0.63	0.71	0.78
120	3.00	0.13	10.39	11.40	11.10	12.18
170	3.50	0.09	30.77	33.77	41.87	45.95
200	3.75	0.07	17.44	19.14	59.31	65.09
230	4.00	0.06	7.28	7.99	66.59	73.08

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
			3.55	3.19	3.06	2.69

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.33	0.10	0.36	-0.8	5.9



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH087 STA 102+80	—●—	0.0	SM	#200 - 34.91 #230 - 26.92			3.55	3.33	-0.8	5.9	0.36

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	12-19-06
Analyzed By:	jf
Easting (X, ft):	3,784,372
Northing (Y, ft):	297,587
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH089 STA 101+80

Analysis Date: 12-19-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,784,433	297,865	Louisiana South State Plane	0.0

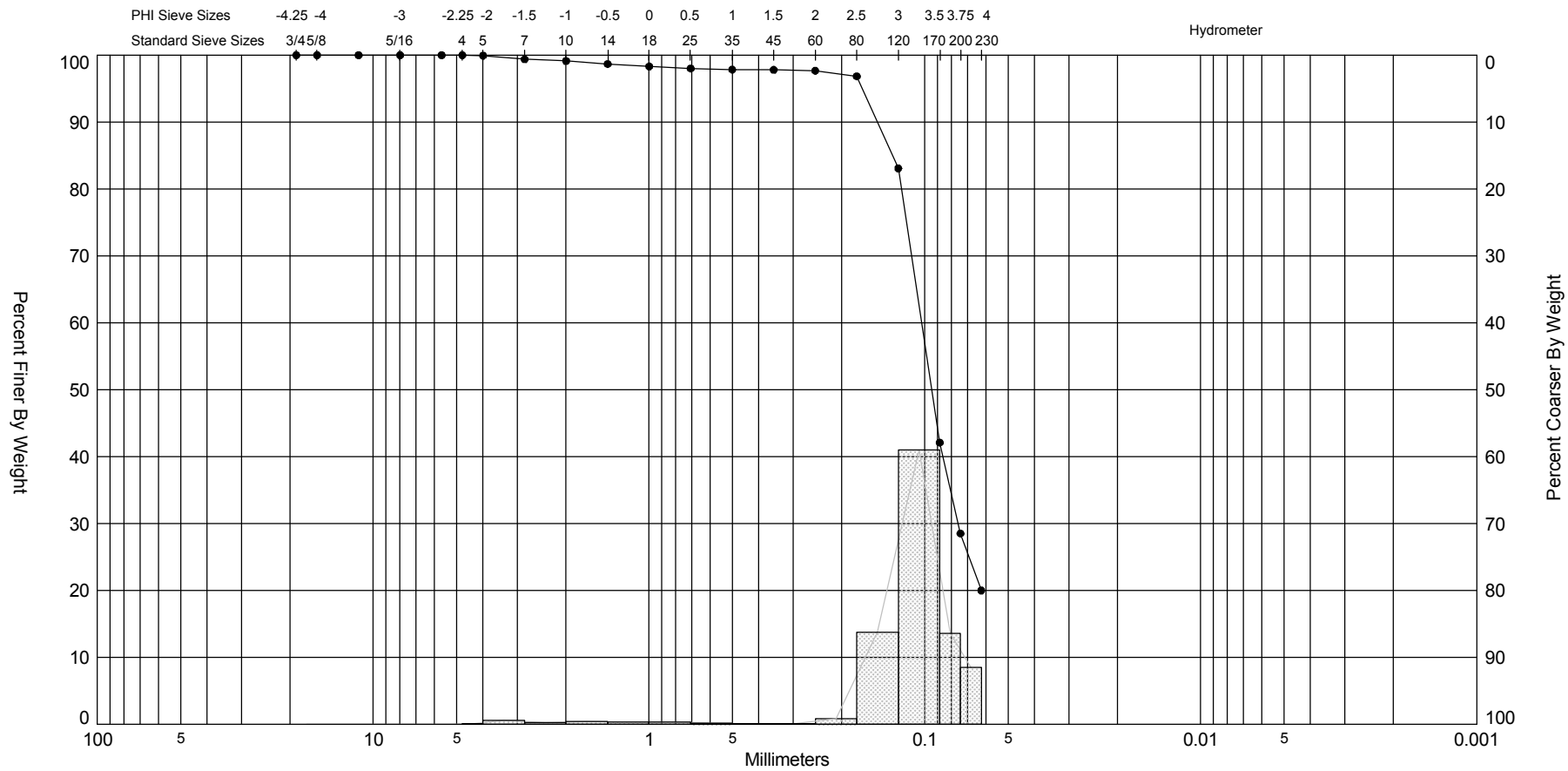
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
97.45	80.32	2.36	0.00	#200 - 28.52 #230 - 20.00			1

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.06	0.06	0.06	0.06
7	-1.50	2.83	0.55	0.56	0.61	0.62
10	-1.00	2.00	0.24	0.25	0.85	0.87
14	-0.50	1.41	0.43	0.44	1.28	1.31
18	0.00	1.00	0.36	0.37	1.64	1.68
25	0.50	0.71	0.29	0.30	1.93	1.98
35	1.00	0.50	0.17	0.17	2.10	2.15
45	1.50	0.35	0.05	0.05	2.15	2.20
60	2.00	0.25	0.12	0.12	2.27	2.32
80	2.50	0.18	0.81	0.83	3.08	3.15
120	3.00	0.13	13.41	13.76	16.49	16.91
170	3.50	0.09	39.94	40.99	56.43	57.90
200	3.75	0.07	13.23	13.58	69.66	71.48
230	4.00	0.06	8.30	8.52	77.96	80.00

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.85	3.40	3.10	2.97	2.57

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.17	0.11	0.76	-4.26	25.3



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH089 STA 101+80	—●—	0.0	SM	#200 - 28.52 #230 - 20.00			3.4	3.17	-4.26	25.3	0.76

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	12-19-06
Analyzed By:	jf
Easting (X, ft):	3,784,433
Northing (Y, ft):	297,865
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH091 STA 103+00

Analysis Date: 12-20-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,784,536	297,721	Louisiana South State Plane	0.0

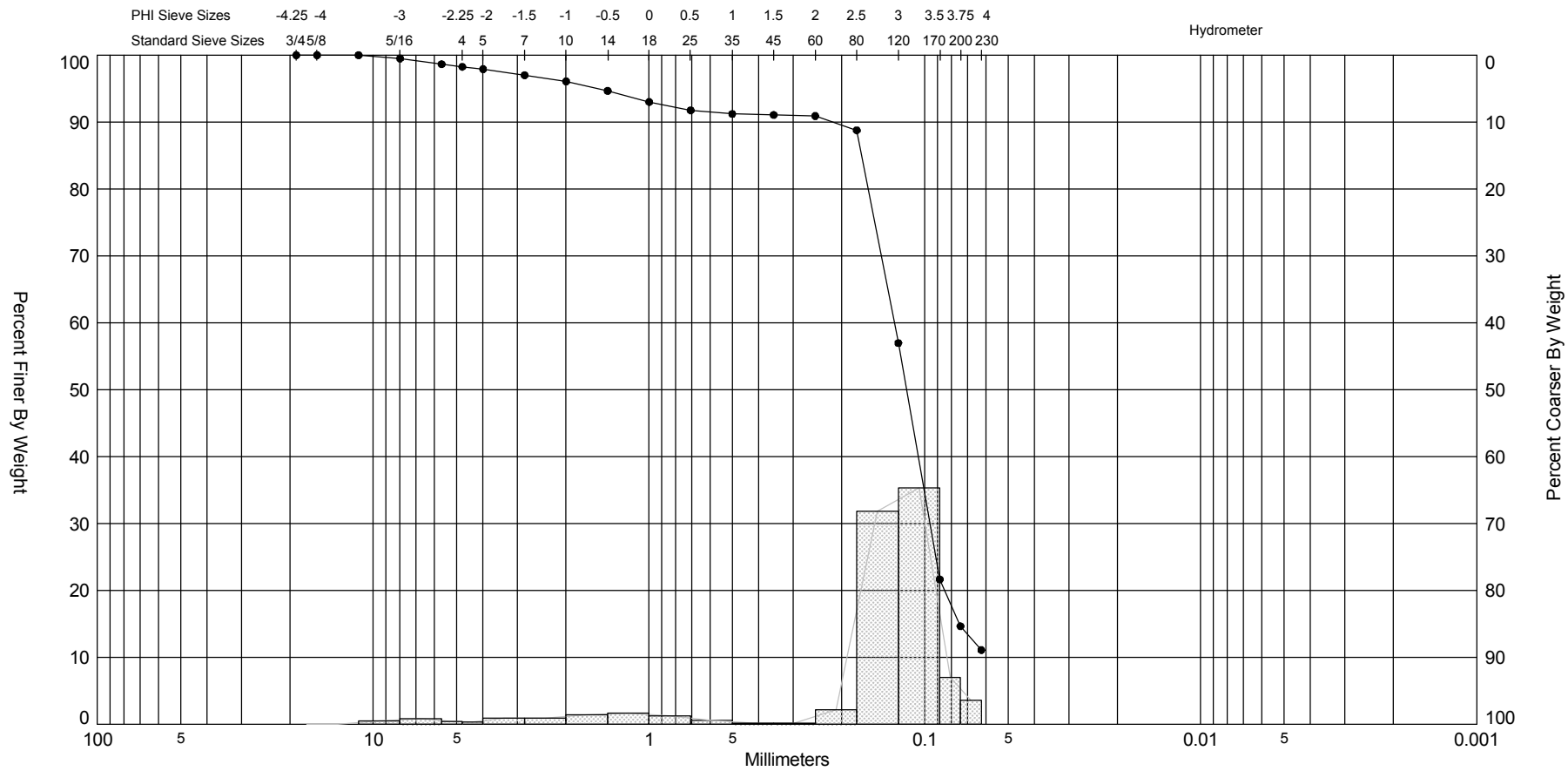
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
100.17	89.70	0.67	0.00	#200 - 14.65 #230 - 11.10			3

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.49	0.49	0.49	0.49
3.5	-2.50	5.66	0.86	0.86	1.35	1.35
4	-2.25	4.76	0.38	0.38	1.73	1.73
5	-2.00	4.00	0.35	0.35	2.08	2.08
7	-1.50	2.83	0.91	0.91	2.99	2.99
10	-1.00	2.00	0.93	0.93	3.92	3.92
14	-0.50	1.41	1.42	1.42	5.34	5.34
18	0.00	1.00	1.64	1.64	6.98	6.98
25	0.50	0.71	1.26	1.26	8.24	8.24
35	1.00	0.50	0.55	0.55	8.79	8.79
45	1.50	0.35	0.15	0.15	8.94	8.94
60	2.00	0.25	0.15	0.15	9.09	9.09
80	2.50	0.18	2.13	2.13	11.22	11.22
120	3.00	0.13	31.87	31.82	43.09	43.04
170	3.50	0.09	35.38	35.32	78.47	78.36
200	3.75	0.07	7.00	6.99	85.47	85.35
230	4.00	0.06	3.56	3.55	89.03	88.90

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.70	3.45	3.10	2.72	2.58	-0.62

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.67	0.16	1.33	-2.71	9.9



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH091 STA 103+00	—●—	0.0	SM	#200 - 14.65 #230 - 11.10			3.1	2.67	-2.71	9.9	1.33

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	12-20-06
Analyzed By:	jf
Easting (X, ft):	3,784,536
Northing (Y, ft):	297,721
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH093 STA 103+80

Analysis Date: 12-20-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,784,626	297,800	Louisiana South State Plane	0.0

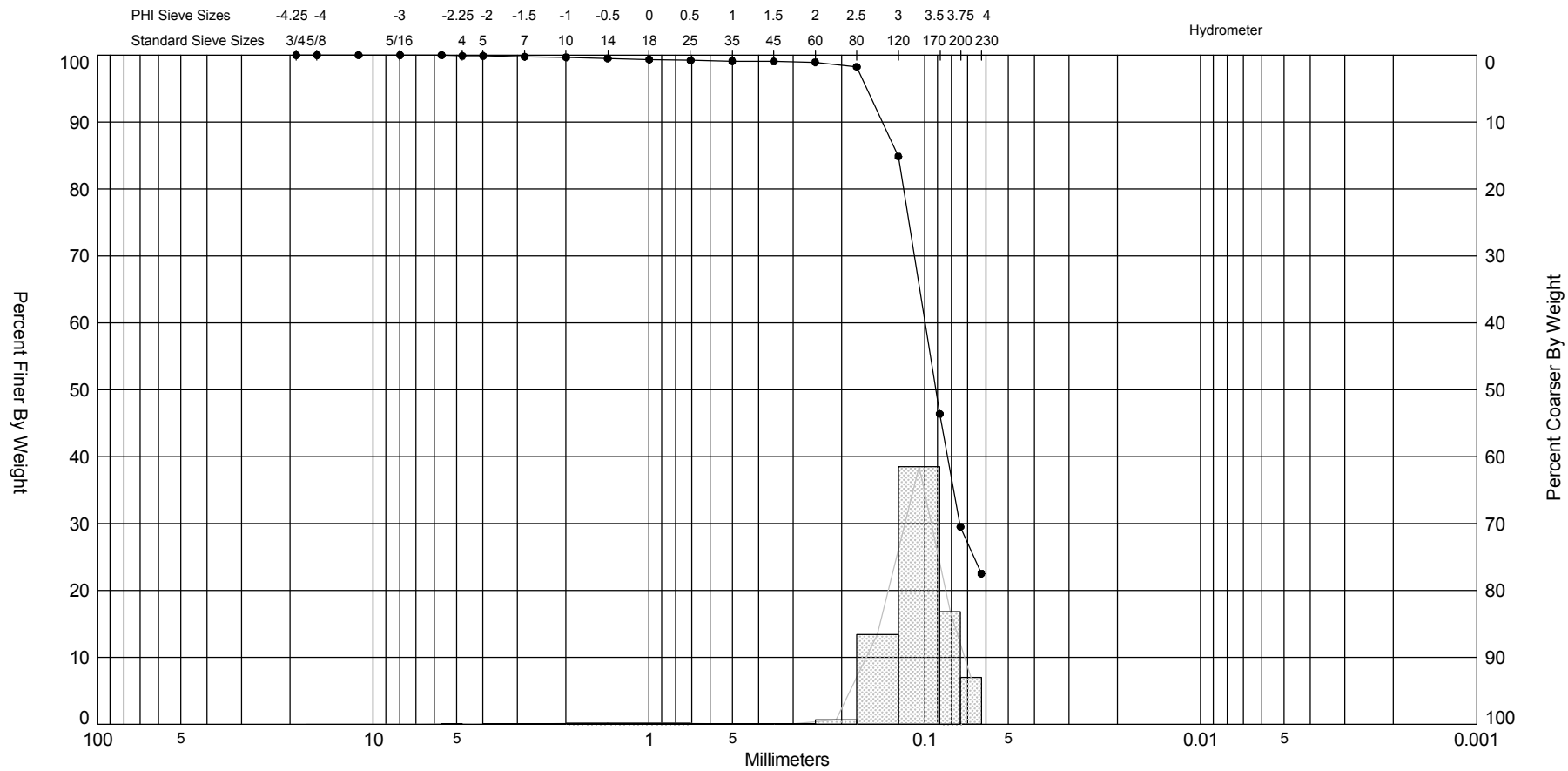
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
94.48	74.29	1.10	0.01	#200 - 29.53 #230 - 22.53			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.10	0.11	0.10	0.11
5	-2.00	4.00	0.00	0.00	0.10	0.11
7	-1.50	2.83	0.11	0.12	0.21	0.23
10	-1.00	2.00	0.08	0.08	0.29	0.31
14	-0.50	1.41	0.17	0.18	0.46	0.49
18	0.00	1.00	0.15	0.16	0.61	0.65
25	0.50	0.71	0.13	0.14	0.74	0.79
35	1.00	0.50	0.09	0.10	0.83	0.89
45	1.50	0.35	0.06	0.06	0.89	0.95
60	2.00	0.25	0.09	0.10	0.98	1.05
80	2.50	0.18	0.64	0.68	1.62	1.73
120	3.00	0.13	12.66	13.40	14.28	15.13
170	3.50	0.09	36.37	38.49	50.65	53.62
200	3.75	0.07	15.92	16.85	66.57	70.47
230	4.00	0.06	6.61	7.00	73.18	77.47

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.91	3.45	3.13	3.01	2.62

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.24	0.11	0.56	-4.78	39.74



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH093 STA 103+80	—●—	0.0	SM	#200 - 29.53 #230 - 22.53			3.45	3.24	-4.78	39.74	0.56

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	12-20-06
Analyzed By:	jf
Easting (X, ft):	3,784,626
Northing (Y, ft):	297,800
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH095 STA 105+40

Analysis Date: 12-20-06

Analyzed By: jf

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,784,760	297,583	Louisiana South State Plane	0.0

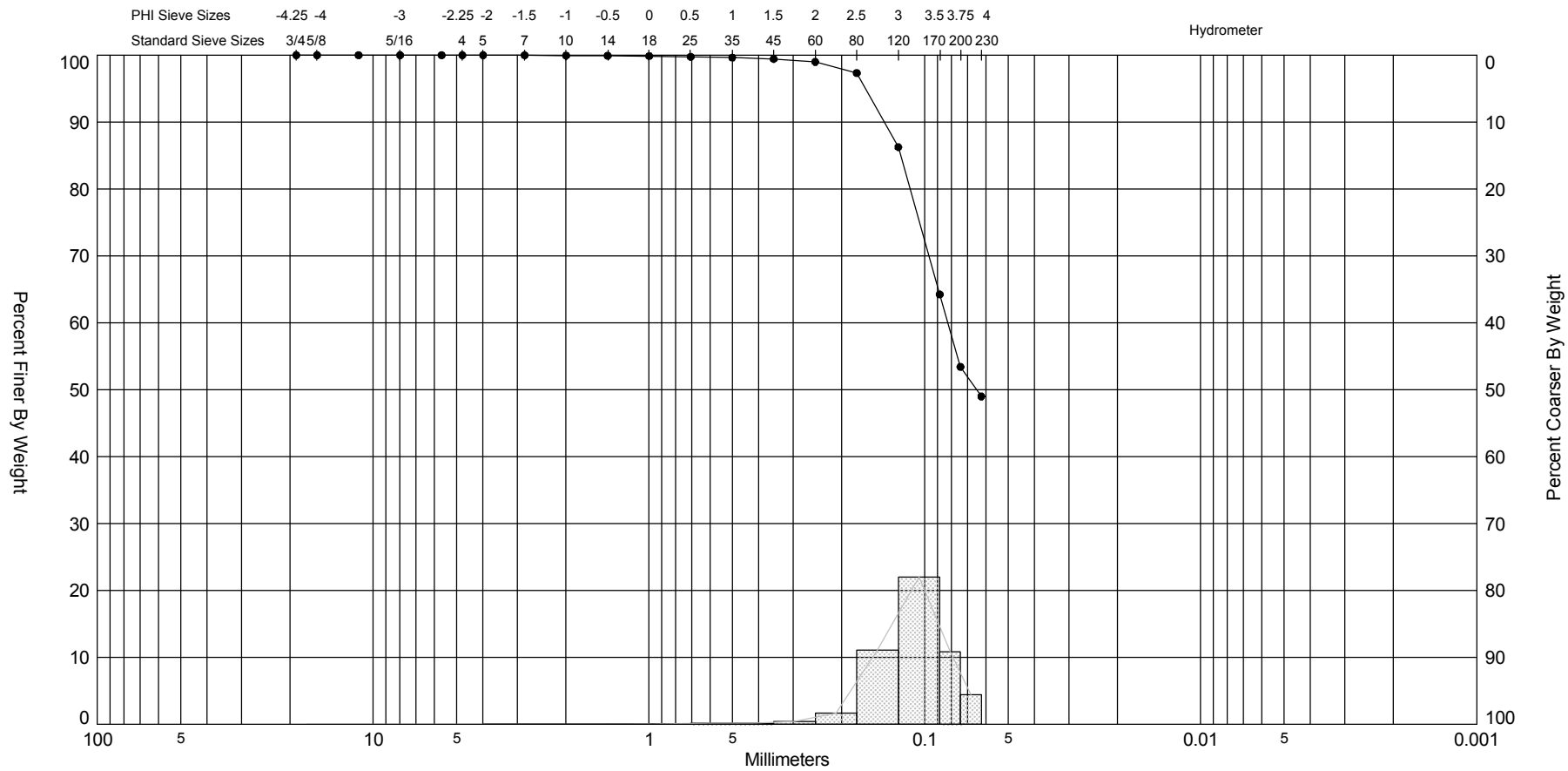
USCS:	Munsell:	Comments:
ML	Wet - 5Y-4/1 Dry - 5Y-6/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
82.16	42.52	0.61	0.00	#200 - 53.42 #230 - 48.99			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.01	0.01	0.01	0.01
10	-1.00	2.00	0.03	0.04	0.04	0.05
14	-0.50	1.41	0.03	0.04	0.07	0.09
18	0.00	1.00	0.03	0.04	0.10	0.13
25	0.50	0.71	0.09	0.11	0.19	0.24
35	1.00	0.50	0.11	0.13	0.30	0.37
45	1.50	0.35	0.16	0.19	0.46	0.56
60	2.00	0.25	0.35	0.43	0.81	0.99
80	2.50	0.18	1.38	1.68	2.19	2.67
120	3.00	0.13	9.09	11.06	11.28	13.73
170	3.50	0.09	18.10	22.03	29.38	35.76
200	3.75	0.07	8.89	10.82	38.27	46.58
230	4.00	0.06	3.64	4.43	41.91	51.01

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
			3.94	3.26	3.05	2.61

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.2	0.11	0.51	-2.41	16.55



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH095 STA 105+40	—●—	0.0	ML	#200 - 53.42 #230 - 48.99			3.94	3.2	-2.41	16.55	0.51

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	12-20-06
Analyzed By:	jf
Easting (X, ft):	3,784,760
Northing (Y, ft):	297,583
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH097 STA 106+70

Analysis Date: 12-20-06

Analyzed By: jf

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fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,784,901	297,645	Louisiana South State Plane	0.0

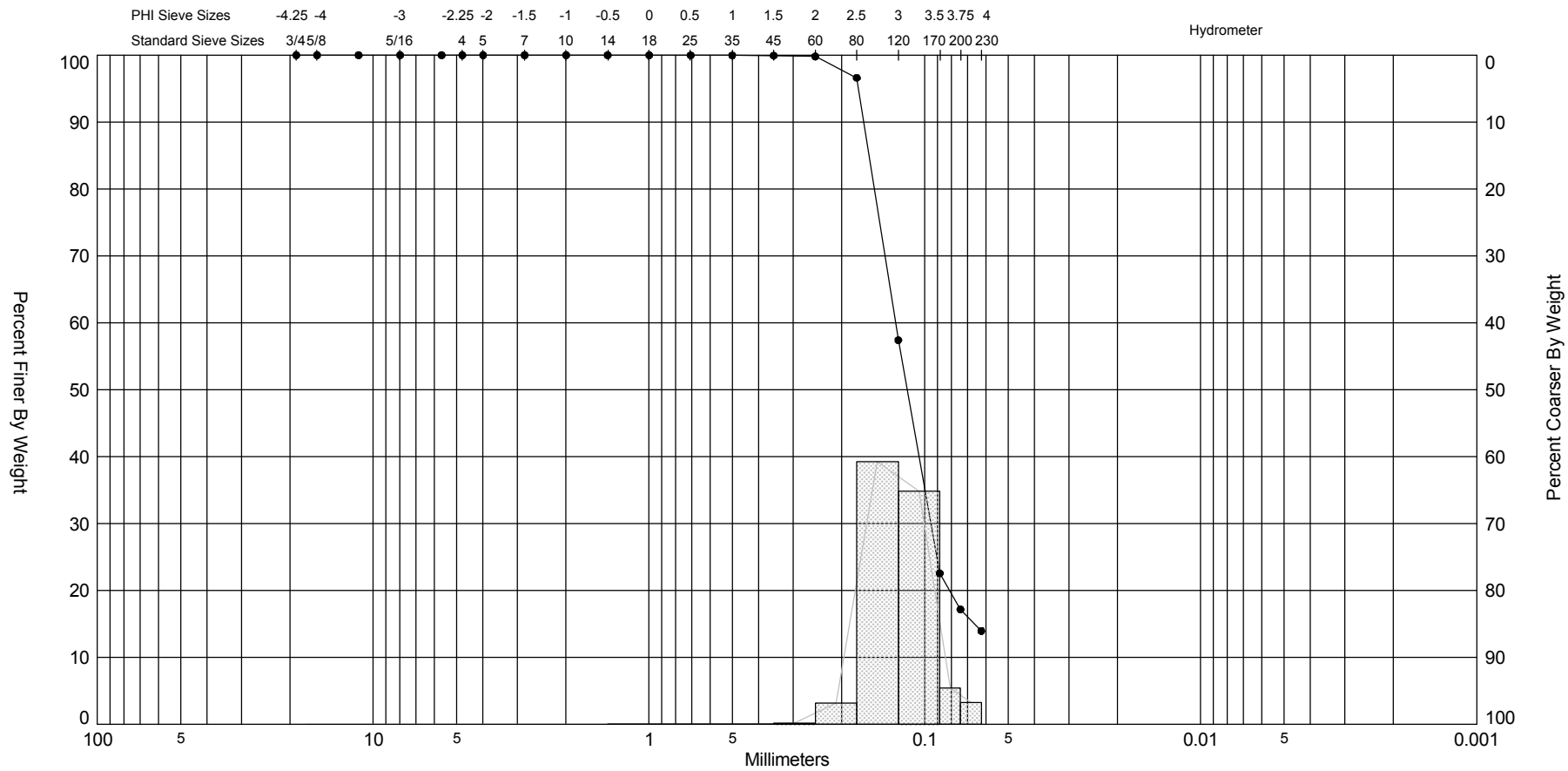
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/1 Dry - 5Y-5/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
86.59	75.22	0.68	0.02	#200 - 17.16 #230 - 13.95			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.00	0.00	0.00	0.00
14	-0.50	1.41	0.00	0.00	0.00	0.00
18	0.00	1.00	0.01	0.01	0.01	0.01
25	0.50	0.71	0.01	0.01	0.02	0.02
35	1.00	0.50	0.02	0.02	0.04	0.04
45	1.50	0.35	0.02	0.02	0.06	0.06
60	2.00	0.25	0.11	0.13	0.17	0.19
80	2.50	0.18	2.76	3.19	2.93	3.38
120	3.00	0.13	33.96	39.22	36.89	42.60
170	3.50	0.09	30.18	34.85	67.07	77.45
200	3.75	0.07	4.67	5.39	71.74	82.84
230	4.00	0.06	2.78	3.21	74.52	86.05

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.84	3.46	3.11	2.78	2.66	2.52

Moment Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
	3.03	0.12	0.37	-0.04	4.57



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH097 STA 106+70	—●—	0.0	SM	#200 - 17.16 #230 - 13.95			3.11	3.03	-0.04	4.57	0.37

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	12-20-06
Analyzed By:	jf
Easting (X, ft):	3,784,901
Northing (Y, ft):	297,645
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH099 STA 140+40

Analysis Date: 01-14-07

Analyzed By: jg

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,788,211	296,927	Louisiana South State Plane	0.0

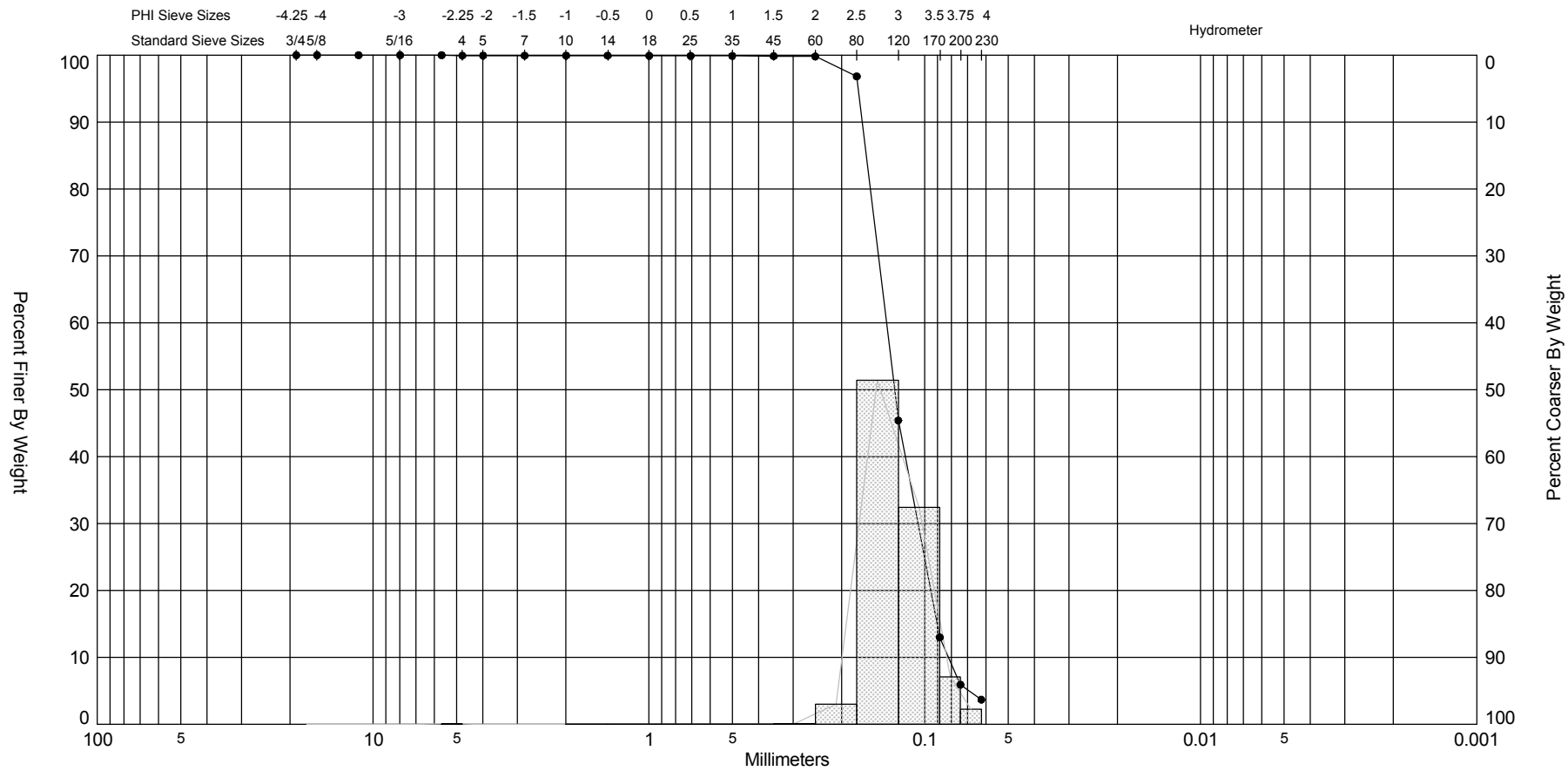
USCS:	Munsell:	Comments:
SP-SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
106.58	104.07	1.14	0.26	#200 - 5.92 #230 - 3.68			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.06	0.06	0.06	0.06
5	-2.00	4.00	0.00	0.00	0.06	0.06
7	-1.50	2.83	0.00	0.00	0.06	0.06
10	-1.00	2.00	0.00	0.00	0.06	0.06
14	-0.50	1.41	0.01	0.01	0.07	0.07
18	0.00	1.00	0.01	0.01	0.08	0.08
25	0.50	0.71	0.03	0.03	0.11	0.11
35	1.00	0.50	0.01	0.01	0.12	0.12
45	1.50	0.35	0.02	0.02	0.14	0.14
60	2.00	0.25	0.05	0.05	0.19	0.19
80	2.50	0.18	3.18	2.98	3.37	3.17
120	3.00	0.13	54.81	51.43	58.18	54.60
170	3.50	0.09	34.54	32.41	92.72	87.01
200	3.75	0.07	7.54	7.07	100.26	94.08
230	4.00	0.06	2.39	2.24	102.65	96.32

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
3.85	3.45	3.31	2.96	2.71	2.62	2.52

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.99	0.13	0.38	-1.61	28.65



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH099 STA 140+40	—●—	0.0	SP-SM	#200 - 5.92 #230 - 3.68			2.96	2.99	-1.61	28.65	0.38

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-14-07
Analyzed By:	jg
Easting (X, ft):	3,788,211
Northing (Y, ft):	296,927
Horizontal System:	NAD 1983
Vertical System:	

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SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH100 STA 135+50

Analysis Date: 01-21-07

Analyzed By: jg

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,787,742	297,164	Louisiana South State Plane	0.0

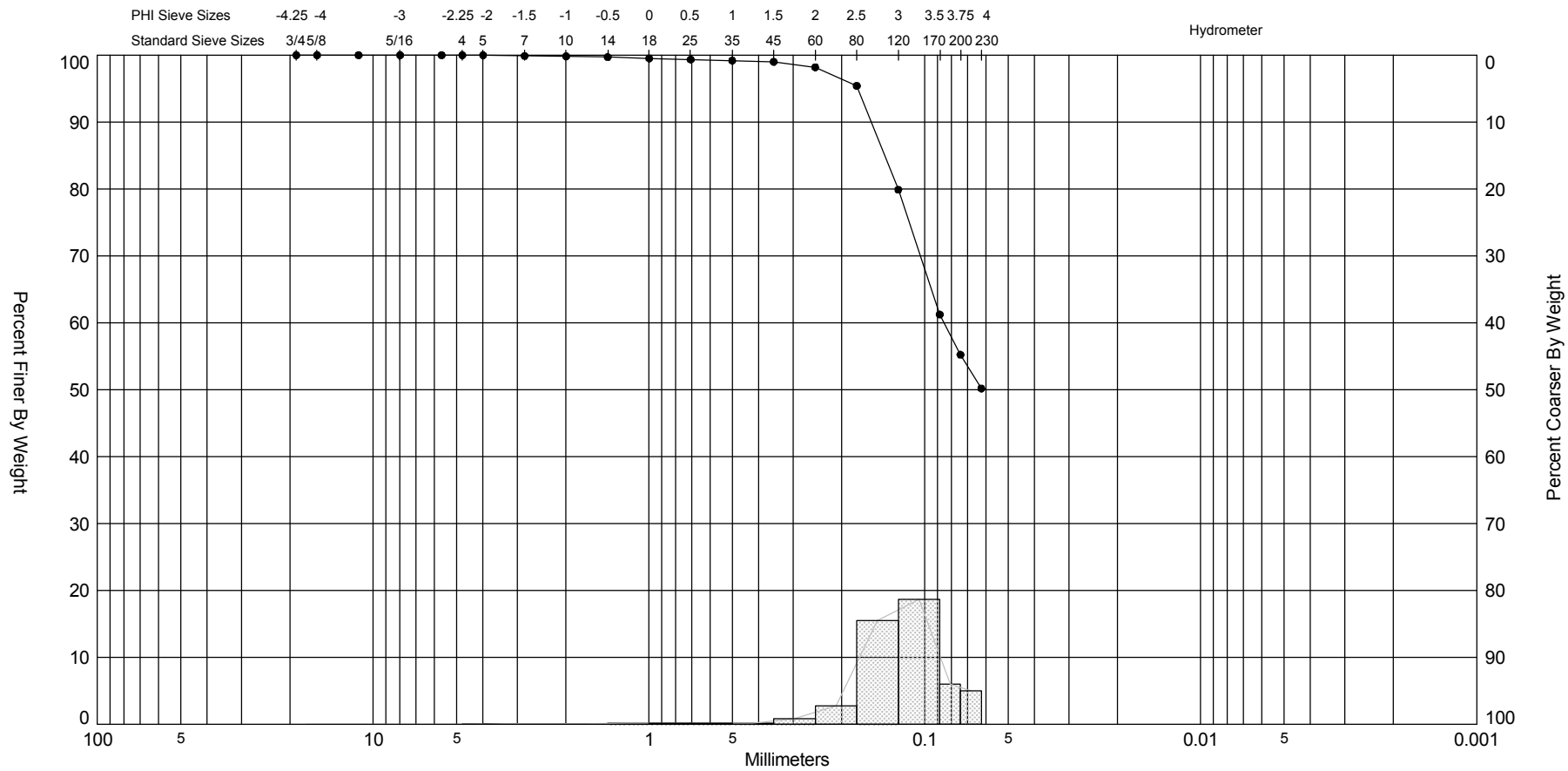
USCS:	Munsell:	Comments:
ML	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
96.34	54.24	6.07	0.19	#200 - 55.22 #230 - 50.19			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.01	0.01	0.01	0.01
7	-1.50	2.83	0.11	0.11	0.12	0.12
10	-1.00	2.00	0.05	0.05	0.17	0.17
14	-0.50	1.41	0.11	0.11	0.28	0.28
18	0.00	1.00	0.18	0.19	0.46	0.47
25	0.50	0.71	0.17	0.18	0.63	0.65
35	1.00	0.50	0.14	0.15	0.77	0.80
45	1.50	0.35	0.18	0.19	0.95	0.99
60	2.00	0.25	0.78	0.81	1.73	1.80
80	2.50	0.18	2.68	2.78	4.41	4.58
120	3.00	0.13	14.97	15.54	19.38	20.12
170	3.50	0.09	17.97	18.65	37.35	38.77
200	3.75	0.07	5.79	6.01	43.14	44.78
230	4.00	0.06	4.85	5.03	47.99	49.81

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
				3.13	2.87	2.51

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.06	0.12	0.65	-2.77	17.64



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH100 STA 135+50	—●—	0.0	ML	#200 - 55.22 #230 - 50.19				3.06	-2.77	17.64	0.65

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-21-07
Analyzed By:	jg
Easting (X, ft):	3,787,742
Northing (Y, ft):	297,164
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH101 STA 128+80

Analysis Date: 01-21-07

Analyzed By: jg

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,787,067	297,125	Louisiana South State Plane	0.0

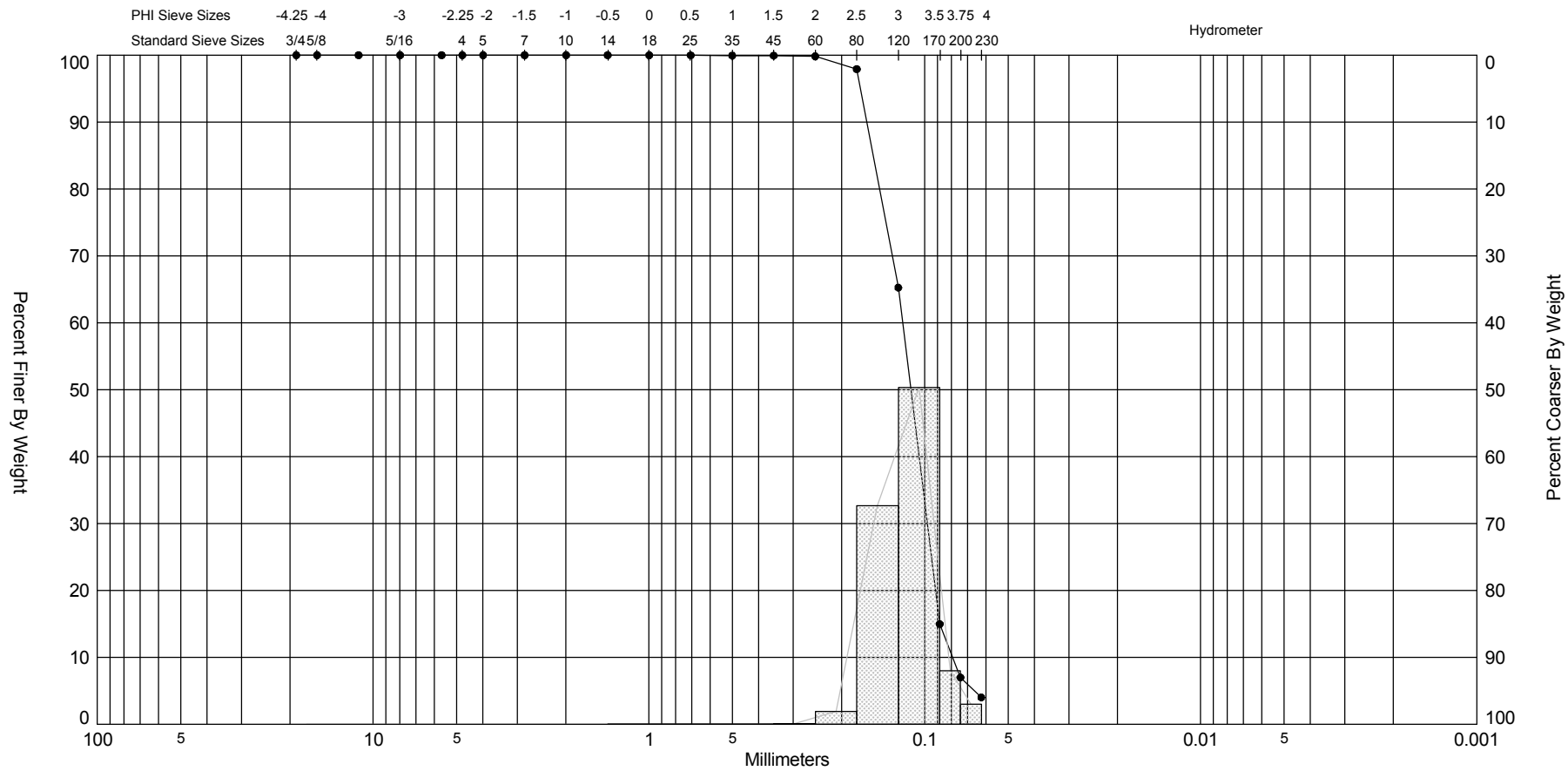
USCS:	Munsell:	Comments:
SP-SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
97.16	94.62	1.17	0.20	#200 - 6.99 #230 - 4.02			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.00	0.00	0.00	0.00
14	-0.50	1.41	0.00	0.00	0.00	0.00
18	0.00	1.00	0.01	0.01	0.01	0.01
25	0.50	0.71	0.01	0.01	0.02	0.02
35	1.00	0.50	0.03	0.03	0.05	0.05
45	1.50	0.35	0.02	0.02	0.07	0.07
60	2.00	0.25	0.09	0.09	0.16	0.16
80	2.50	0.18	1.88	1.93	2.04	2.09
120	3.00	0.13	31.71	32.64	33.75	34.73
170	3.50	0.09	48.87	50.30	82.62	85.03
200	3.75	0.07	7.75	7.98	90.37	93.01
230	4.00	0.06	2.89	2.97	93.26	95.98

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
3.92	3.49	3.40	3.15	2.85	2.71	2.54

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.11	0.12	0.34	-0.4	5.21



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH101 STA 128+80	—●—	0.0	SP-SM	#200 - 6.99 #230 - 4.02			3.15	3.11	-0.4	5.21	0.34

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-21-07
Analyzed By:	jg
Easting (X, ft):	3,787,067
Northing (Y, ft):	297,125
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH102 STA 123+60

Analysis Date: 01-21-07

Analyzed By: jg

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,786,555	297,256	Louisiana South State Plane	0.0

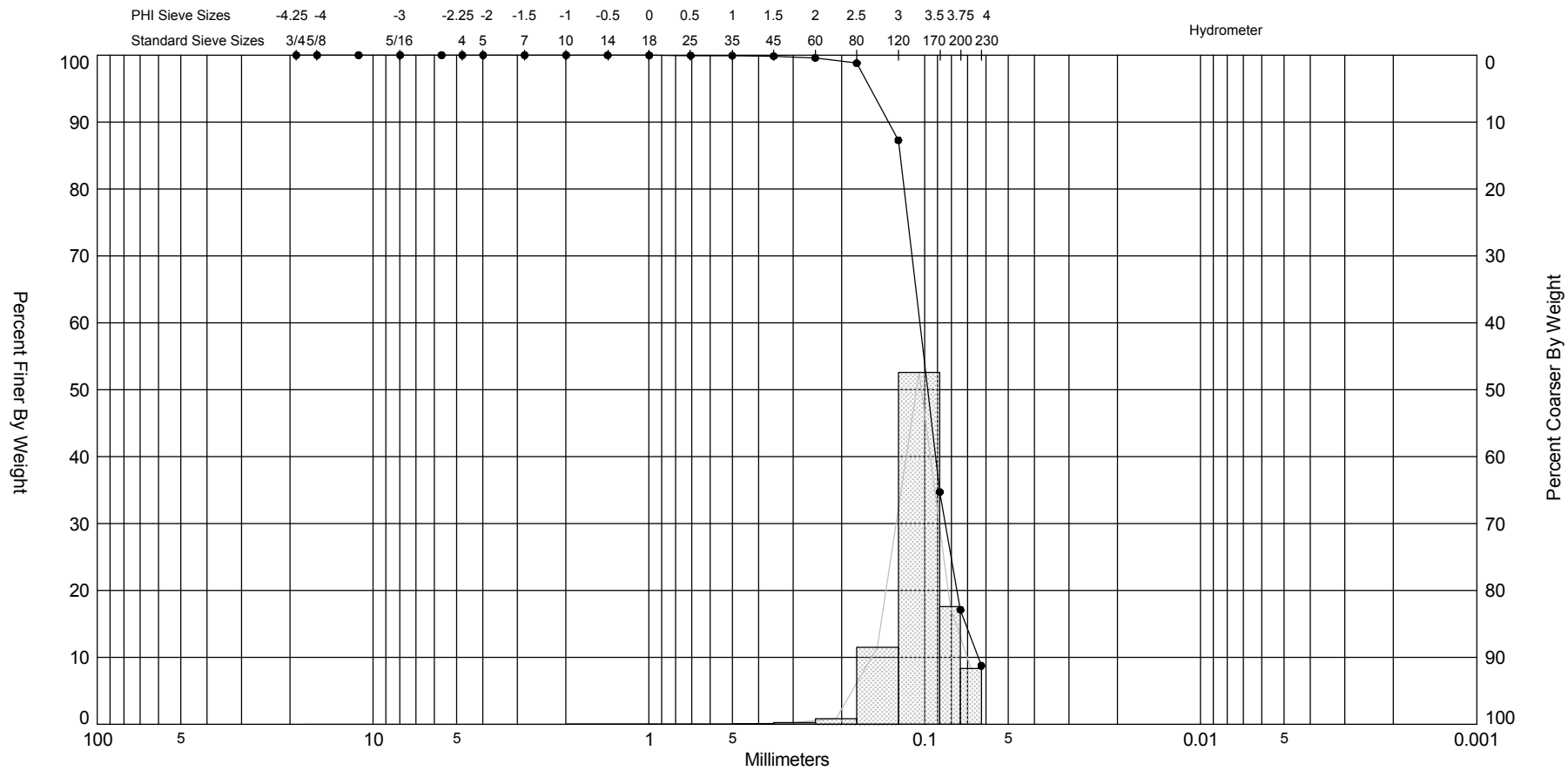
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
99.85	94.16	3.04	0.02	#200 - 17.12 #230 - 8.76			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.00	0.00	0.00	0.00
14	-0.50	1.41	0.01	0.01	0.01	0.01
18	0.00	1.00	0.02	0.02	0.03	0.03
25	0.50	0.71	0.02	0.02	0.05	0.05
35	1.00	0.50	0.02	0.02	0.07	0.07
45	1.50	0.35	0.08	0.08	0.15	0.15
60	2.00	0.25	0.25	0.25	0.40	0.40
80	2.50	0.18	0.80	0.80	1.20	1.20
120	3.00	0.13	11.49	11.51	12.69	12.71
170	3.50	0.09	52.50	52.58	65.19	65.29
200	3.75	0.07	17.56	17.59	82.75	82.88
230	4.00	0.06	8.35	8.36	91.10	91.24

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.78	3.64	3.35	3.12	3.03	2.67

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.3	0.10	0.34	-1.27	11.32



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH102 STA 123+60	—●—	0.0	SM	#200 - 17.12 #230 - 8.76			3.35	3.3	-1.27	11.32	0.34

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-21-07
Analyzed By:	jg
Easting (X, ft):	3,786,555
Northing (Y, ft):	297,256
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH103 STA 117+60

Analysis Date: 01-14-07

Analyzed By: jg

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,785,963	297,383	Louisiana South State Plane	0.0

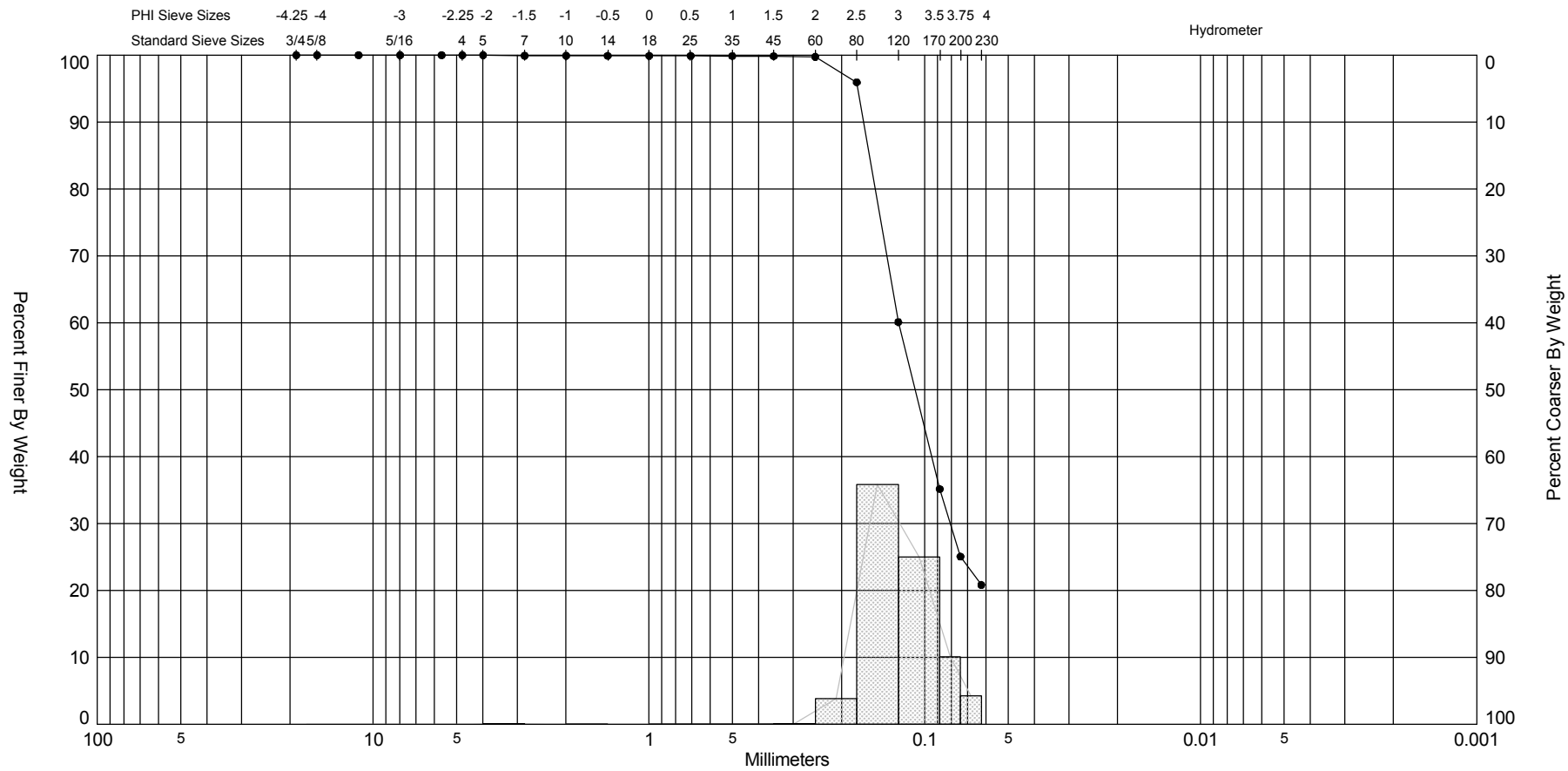
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
103.75	86.81	4.38	0.27	#200 - 25.05 #230 - 20.81			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.08	0.08	0.08	0.08
10	-1.00	2.00	0.00	0.00	0.08	0.08
14	-0.50	1.41	0.02	0.02	0.10	0.10
18	0.00	1.00	0.00	0.00	0.10	0.10
25	0.50	0.71	0.01	0.01	0.11	0.11
35	1.00	0.50	0.02	0.02	0.13	0.13
45	1.50	0.35	0.02	0.02	0.15	0.15
60	2.00	0.25	0.10	0.10	0.25	0.25
80	2.50	0.18	3.94	3.80	4.19	4.05
120	3.00	0.13	37.18	35.84	41.37	39.89
170	3.50	0.09	25.90	24.96	67.27	64.85
200	3.75	0.07	10.48	10.10	77.75	74.95
230	4.00	0.06	4.40	4.24	82.15	79.19

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.75	3.20	2.79	2.67	2.51

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.05	0.12	0.44	-1.28	17.31



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH103 STA 117+60	—●—	0.0	SM	#200 - 25.05 #230 - 20.81			3.2	3.05	-1.28	17.31	0.44

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-14-07
Analyzed By:	jg
Easting (X, ft):	3,785,963
Northing (Y, ft):	297,383
Horizontal System:	NAD 1983
Vertical System:	

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Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH104 STA 113+20

Analysis Date: 01-21-07

Analyzed By: jg

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Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
2,785,526	297,442	Louisiana South State Plane	0.0

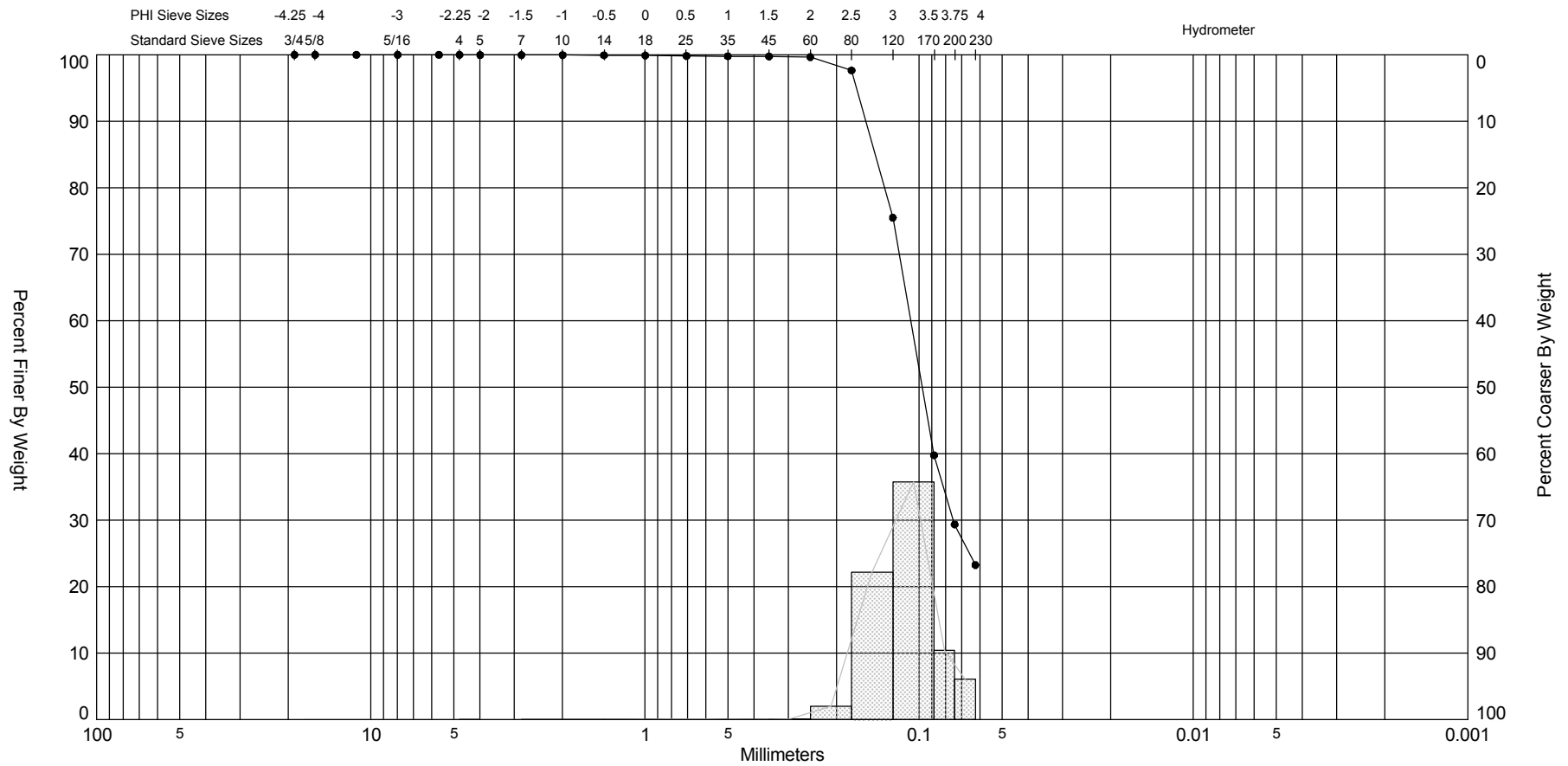
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-6/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
104.94	86.76	5.99	0.25	#200 - 29.36 #230 - 23.26			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.03	0.03	0.03	0.03
7	-1.50	2.83	0.00	0.00	0.03	0.03
10	-1.00	2.00	0.01	0.01	0.04	0.04
14	-0.50	1.41	0.03	0.03	0.07	0.07
18	0.00	1.00	0.03	0.03	0.10	0.10
25	0.50	0.71	0.06	0.06	0.16	0.16
35	1.00	0.50	0.05	0.05	0.21	0.21
45	1.50	0.35	0.03	0.03	0.24	0.24
60	2.00	0.25	0.11	0.10	0.35	0.34
80	2.50	0.18	2.11	2.01	2.46	2.35
120	3.00	0.13	23.24	22.15	25.70	24.50
170	3.50	0.09	37.49	35.73	63.19	60.23
200	3.75	0.07	10.92	10.41	74.11	70.64
230	4.00	0.06	6.40	6.10	80.51	76.74

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
		3.93	3.36	3.01	2.81	2.56

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	3.17	0.11	0.43	-1.79	18.9



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH104 STA 113+20	—●—	0.0	SM	#200 - 29.36 #230 - 23.26			3.36	3.17	-1.79	18.9	0.43

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-21-07
Analyzed By:	jg
Easting (X, ft):	2,785,526
Northing (Y, ft):	297,442
Horizontal System:	NAD 1983
Vertical System:	

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FL 33431
ph (561) 391-8102
fax (561) 391-9116

Granularmetric Report

Depths and elevations based on measured values

Project Name: Chaland Construction Monitoring

Sample Name: CH105 STA 109+40

Analysis Date: 01-14-07

Analyzed By: jg

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2481 NW Boca Raton Blvd, Boca Raton
FL 33431
ph (561) 391-8102
fax (561) 391-9116

Easting (ft):	Northing (ft):	Coordinate System:	Elevation (ft):
3,785,158	297,557	Louisiana South State Plane	0.0

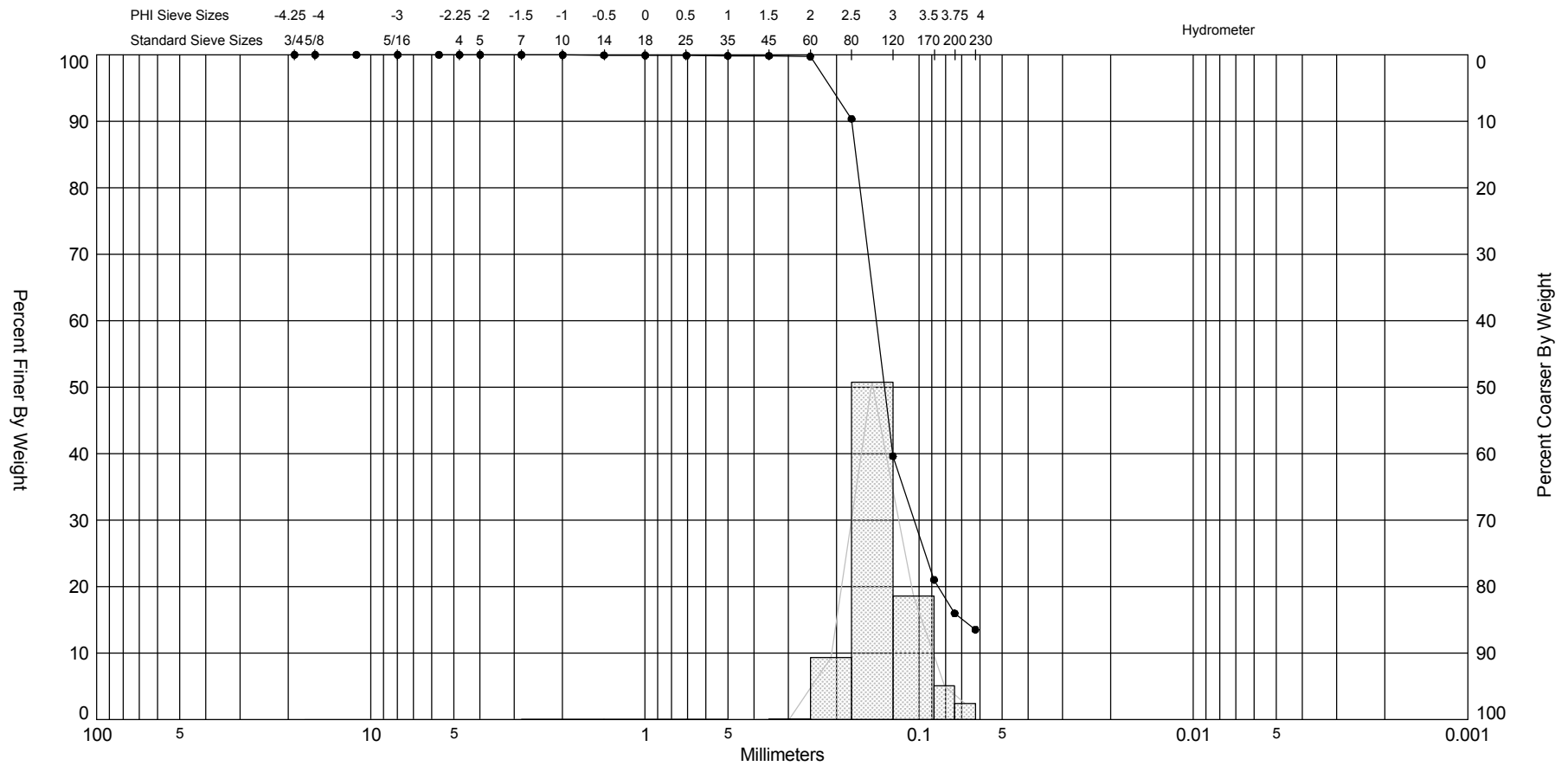
USCS:	Munsell:	Comments:
SM	Wet - 5Y-4/2 Dry - 5Y-5/1 Washed - 5Y-5/1	

Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
115.24	101.58	1.85	0.07	#200 - 15.97 #230 - 13.53			0

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.83	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.03	0.03	0.03	0.03
14	-0.50	1.41	0.04	0.03	0.07	0.06
18	0.00	1.00	0.04	0.03	0.11	0.09
25	0.50	0.71	0.02	0.02	0.13	0.11
35	1.00	0.50	0.05	0.04	0.18	0.15
45	1.50	0.35	0.00	0.00	0.18	0.15
60	2.00	0.25	0.13	0.11	0.31	0.26
80	2.50	0.18	10.80	9.37	11.11	9.63
120	3.00	0.13	58.48	50.75	69.59	60.38
170	3.50	0.09	21.42	18.59	91.01	78.97
200	3.75	0.07	5.83	5.06	96.84	84.03
230	4.00	0.06	2.81	2.44	99.65	86.47

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.75	3.39	2.90	2.65	2.56	2.25

Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.88	0.14	0.4	-0.43	10.79



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort
CH105 STA 109+40	—●—	0.0	SM	#200 - 15.97 #230 - 13.53			2.9	2.88	-0.43	10.79	0.4

Comments:

Depths and elevations based on measured values

Sample Information	
Project Name:	Chaland Construction Monitoring
Analysis Date:	01-14-07
Analyzed By:	jg
Easting (X, ft):	3,785,158
Northing (Y, ft):	297,557
Horizontal System:	NAD 1983
Vertical System:	

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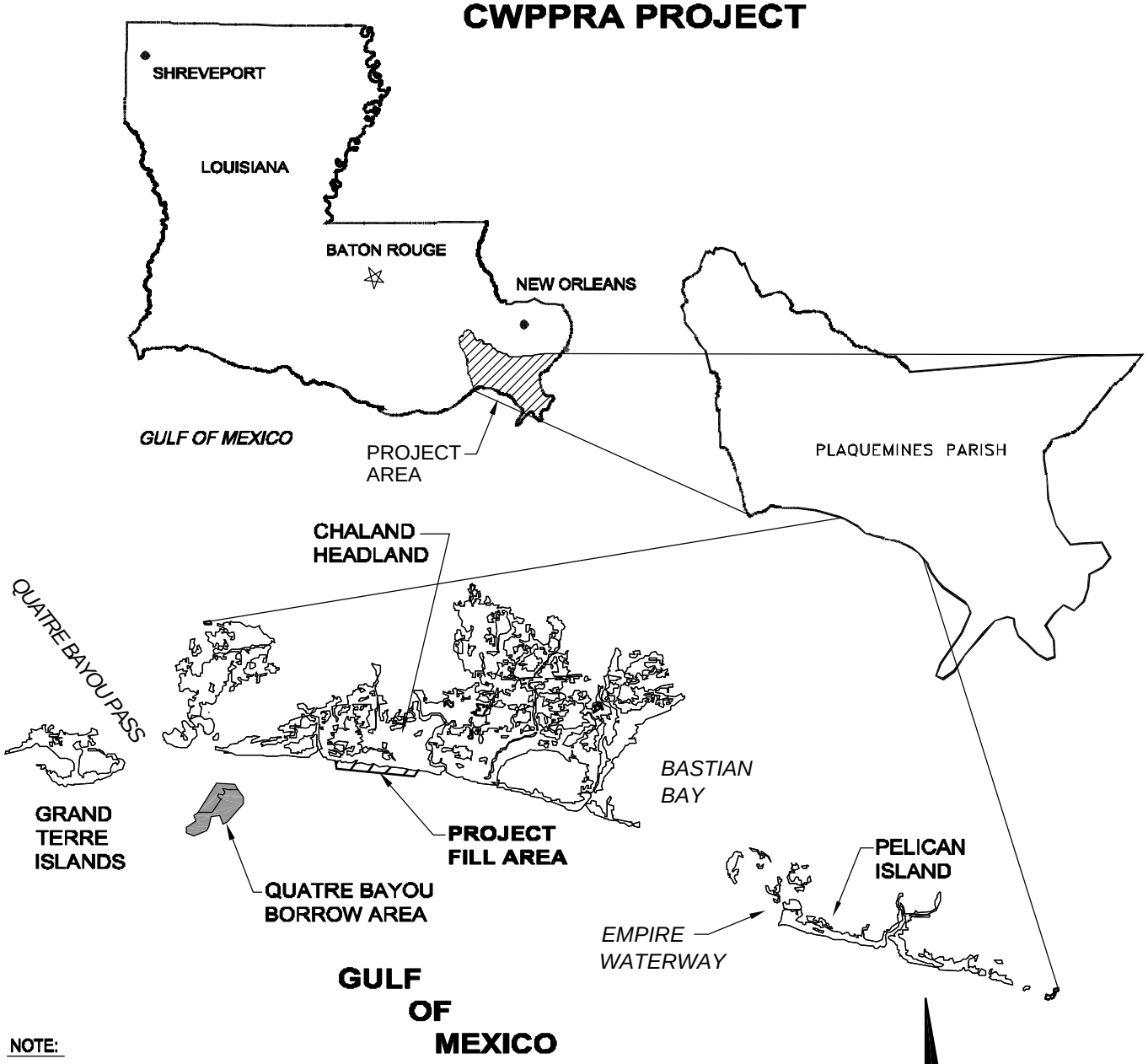
SIEVE ANALYSIS CHALAND_CONSTRUCTION_MONITORING.GPJ FL DEP ROSS.GDT 1/25/07

APPENDIX N

PERMIT SKETCHES

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT



NOTE:
SOURCE OF MAP: LOUISIANA GIS CD;
A DIGITAL MAP OF THE STATE, 2 CD SET.

N

0 1 2 3 4
GRAPHIC SCALE IN MILES

SHEET INDEX

NO.	TITLE
1	LOCATION MAP
2-3	PROJECT PLAN VIEW
4	QUATRE BAYOU BORROW AREA BATHYMETRY
5-6	QUATRE BAYOU BORROW AREA CROSS SECTIONS
7-9	FILL CROSS SECTIONS
10	BARGE ACCESS CANAL CROSS SECTION A-A' (TYP.)
11	TYPICAL CANAL CLOSURE PROFILE B-B' (TYP.)
12	TYPICAL CANAL CLOSURE CROSS SECTION C-C' (TYP.)
13	BREACH CLOSURE CROSS SECTION D-D'
14	BREACH CLOSURE PROFILE E-E'

REVISIONS		
DATE	BY	DESCRIPTION

TITLE: CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT LOCATION MAP

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www.CoastalPlanning.net

DATE: 11/17/03
BY: JRC
COMM NO.: 7261.07
SHEET: 1

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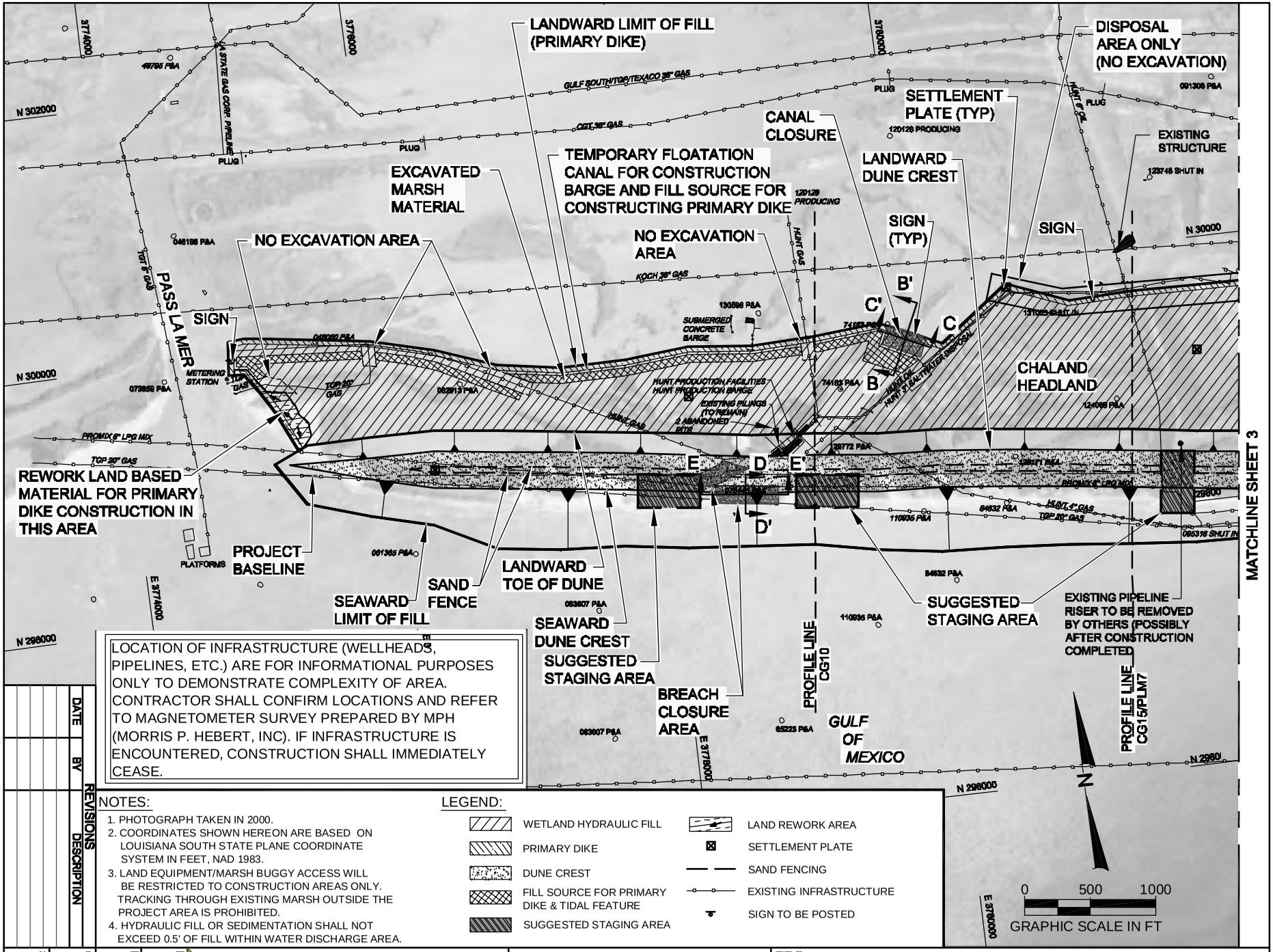

LOCATION OF INFRASTRUCTURE (WELLHEADS, PIPELINES, ETC.) ARE FOR INFORMATIONAL PURPOSES ONLY TO DEMONSTRATE COMPLEXITY OF AREA. CONTRACTOR SHALL CONFIRM LOCATIONS AND REFER TO MAGNETOMETER SURVEY PREPARED BY MPH (MORRIS P. HEBERT, INC). IF INFRASTRUCTURE IS ENCOUNTERED, CONSTRUCTION SHALL IMMEDIATELY CEASE.

NOTES:

1. PHOTOGRAPH TAKEN IN 2000.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.
4. HYDRAULIC FILL OR SEDIMENTATION SHALL NOT EXCEED 0.5' OF FILL WITHIN WATER DISCHARGE AREA.

LEGEND:

- WETLAND HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE & TIDAL FEATURE
- SUGGESTED STAGING AREA
- LAND REWORK AREA
- SETTLEMENT PLATE
- SAND FENCING
- EXISTING INFRASTRUCTURE
- SIGN TO BE POSTED

REVISIONS		
DESCRIPTION	BY	DATE

SHEET: 2	COMM NO.: 7261.07	BY: JRC	DATE: 11/17/03	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net

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BOCA RATON, FL 33431
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TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT PLAN VIEW**

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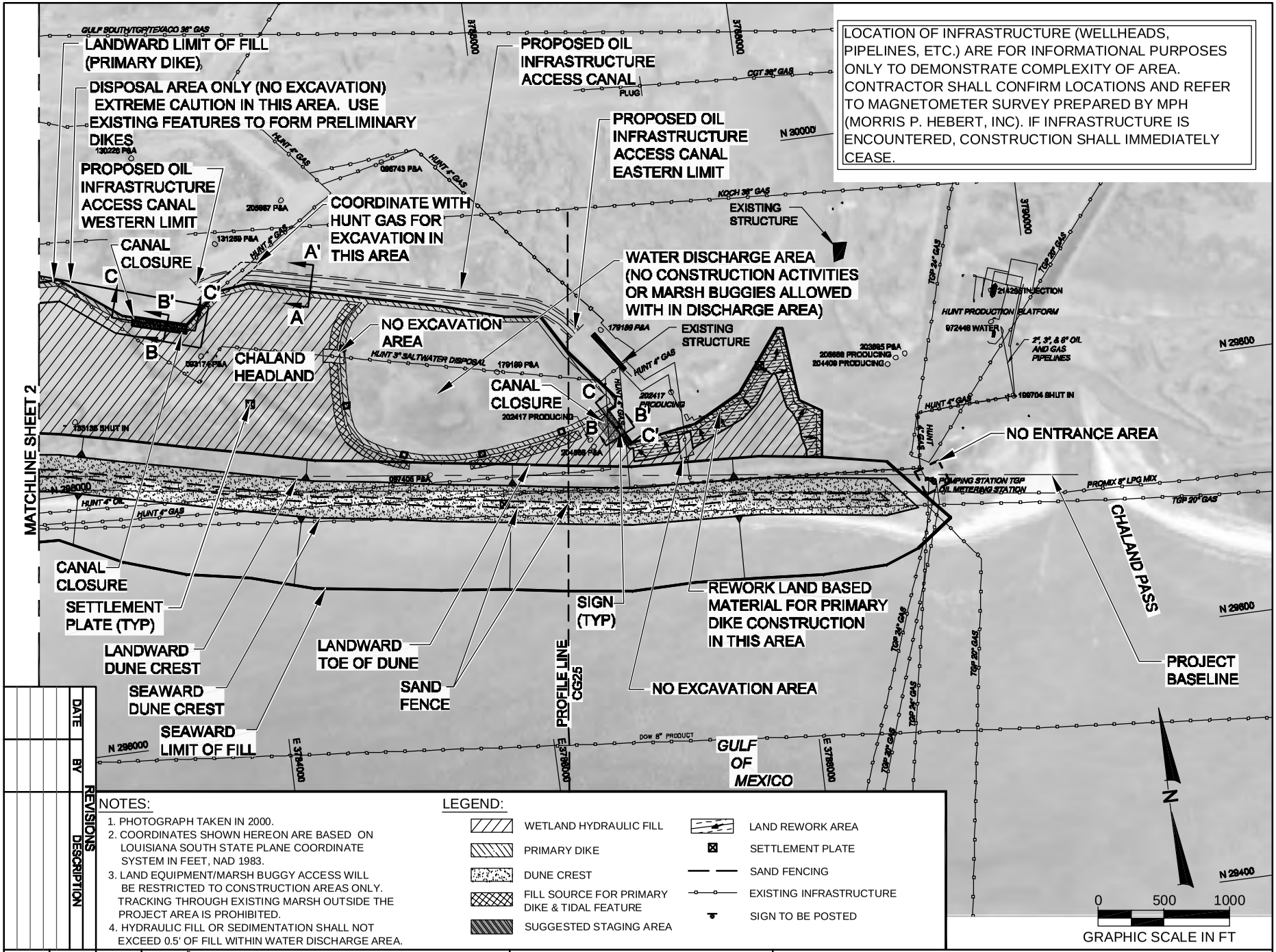

LOCATION OF INFRASTRUCTURE (WELLHEADS, PIPELINES, ETC.) ARE FOR INFORMATIONAL PURPOSES ONLY TO DEMONSTRATE COMPLEXITY OF AREA. CONTRACTOR SHALL CONFIRM LOCATIONS AND REFER TO MAGNETOMETER SURVEY PREPARED BY MPH (MORRIS P. HEBERT, INC). IF INFRASTRUCTURE IS ENCOUNTERED, CONSTRUCTION SHALL IMMEDIATELY CEASE.

NOTES:

1. PHOTOGRAPH TAKEN IN 2000.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.
4. HYDRAULIC FILL OR SEDIMENTATION SHALL NOT EXCEED 0.5' OF FILL WITHIN WATER DISCHARGE AREA.

LEGEND:

- WETLAND HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE & TIDAL FEATURE
- SUGGESTED STAGING AREA
- LAND REWORK AREA
- SETTLEMENT PLATE
- SAND FENCING
- EXISTING INFRASTRUCTURE
- SIGN TO BE POSTED

REVISIONS		
DESCRIPTION	BY	DATE

SHEET:	COMM NO.:	BY:	DATE:
3	7261.07	JRC	11/17/03

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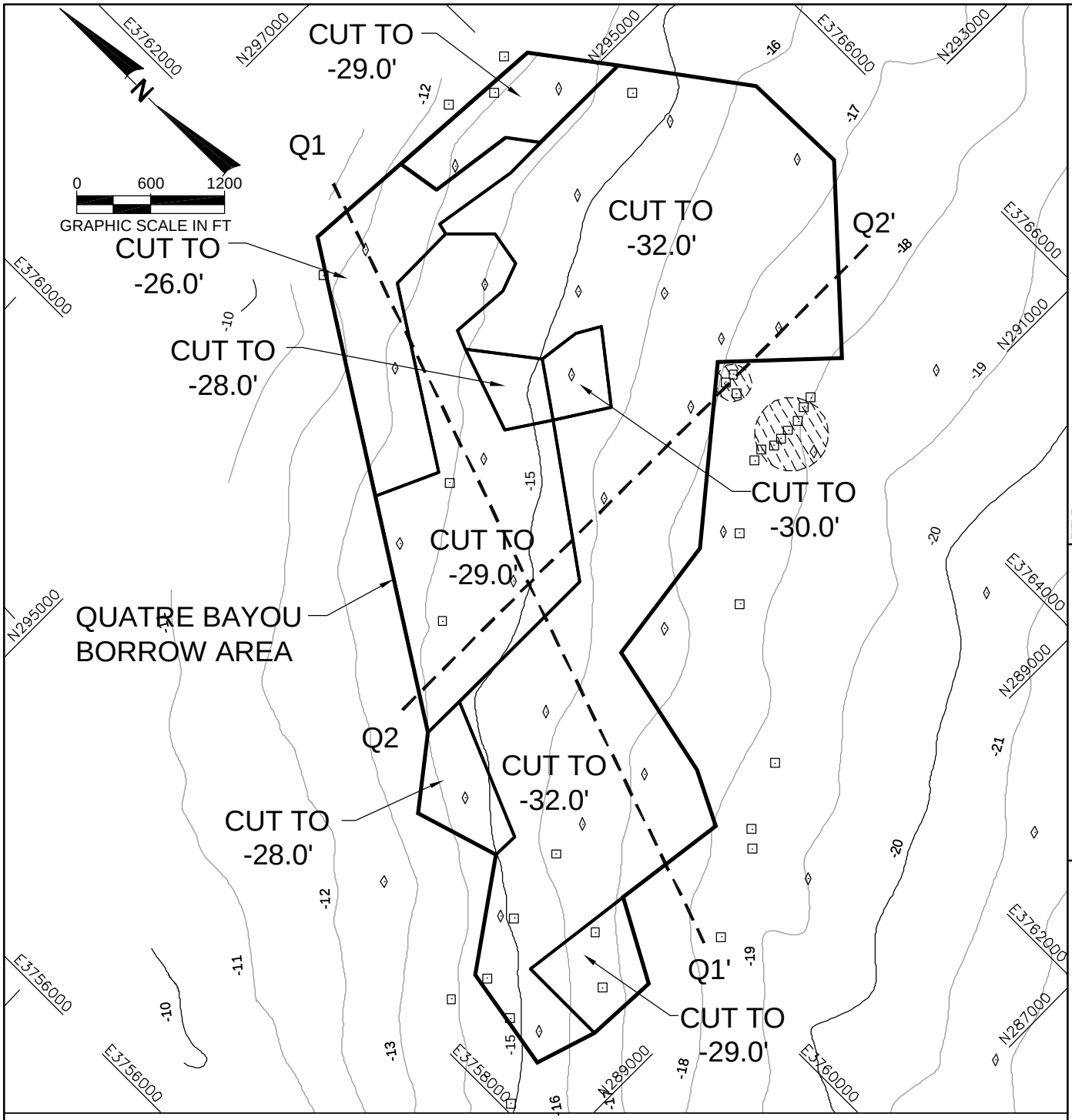
TITLE:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT PLAN VIEW



NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
   CONTOURS SHOWN HEREON ARE IN FEET AND DERIVED FROM THE BATHYMETRIC SURVEY CONDUCTED BY CPE ON 8/6/02 - 8/15/02.

LEGEND:

- DENOTES CPE 2002 VIBRACORE LOCATION
- DENOTES 2002 MAGNETOMETER HIT
- DENOTES BSS CORE LOCATIONS (FROM USGS FILE REPORT NO. 01-384, DATED SEPTEMBER 2001, APPENDIX B CD ROM)
- DENOTES MAGNETIC ANOMALY WITH BUFFER

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:
CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
QUATRE BAYOU BORROW AREA BATHYMETRY

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BY: JRC
COMM NO.: 7261.07
SHEET: 4

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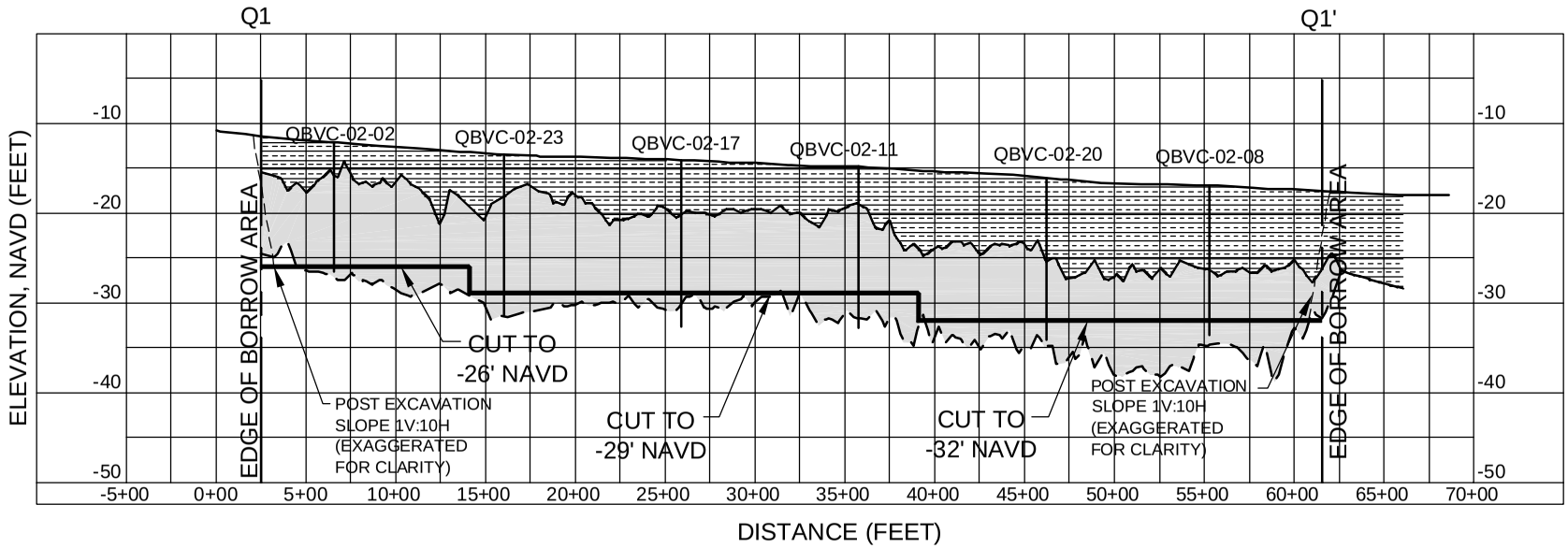
QUATRE BAYOU BORROW AREA
CROSS SECTION Q1-1'



LEGEND:

QBVC-02-17 DENOTES CPE 2002 VIBRACORE LOCATION

BEACH COMPATIBLE SEDIMENTS

SURFACE SILT/CLAY LAYER (TO BE USED FOR MARSH CONSTRUCTION)

INTERMITTENT ACCOUSTIC REFLECTOR WITHIN SAND DEPOSIT

NOTES:

1. VIBRACORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. SEE SHEET 4 FOR LOCATION OF CROSS SECTION LINES.
3. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.

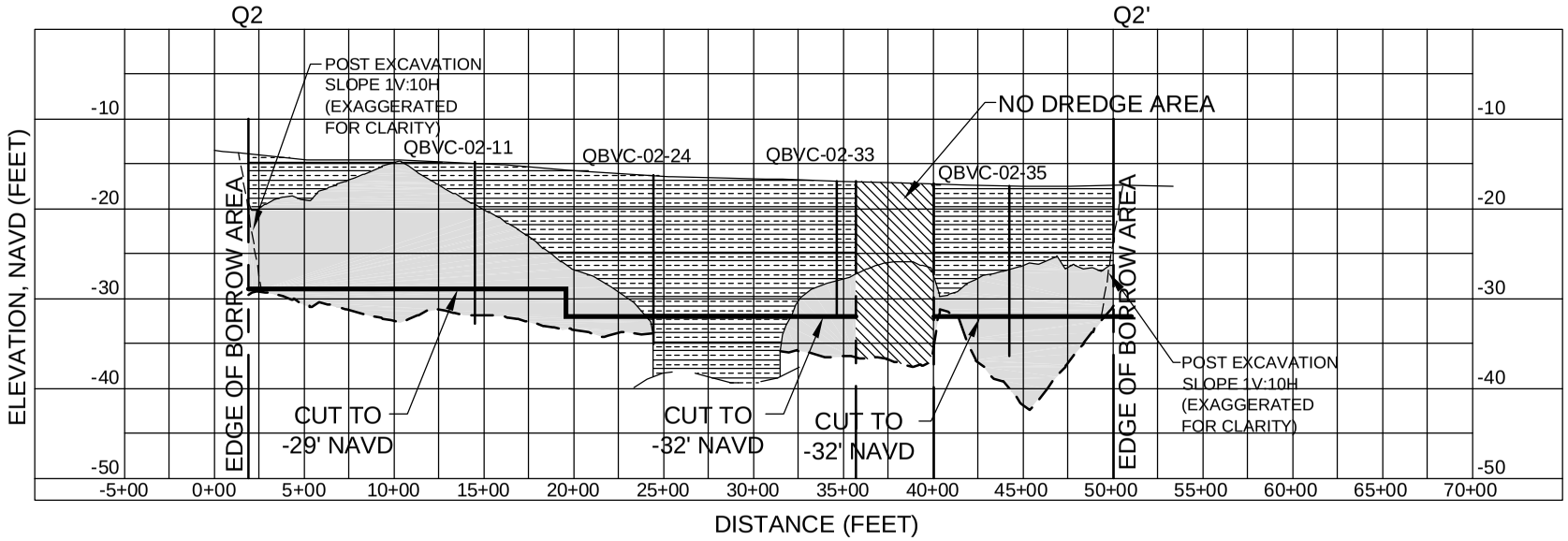
SCALE: 1"= 1000' HORIZONTAL
1"=20' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

SHEET: 5	COMM NO.: 7261.07	BY: JRC	DATE: 10/9/03	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION QUATRE BAYOU BORROW AREA Q1-Q1' CROSS SECTION**

QUATRE BAYOU BORROW AREA
CROSS SECTION Q2-2'



LEGEND:

QBVC-02-17 DENOTES CPE 2002 VIBRACORE LOCATION

BEACH COMPATIBLE SEDIMENTS

SURFACE SILT/CLAY LAYER (TO BE USED FOR MARSH CONSTRUCTION)

NO DREDGE AREA - MAGNETIC ANOMALIES

INTERMITTENT ACCOUSTIC REFLECTOR WITHIN SAND DEPOSIT

NOTES:

1. VIBRACORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. SEE SHEET 4 FOR LOCATION OF CROSS SECTION LINES.
3. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.

SCALE: 1"= 1000' HORIZONTAL
1"=20' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

SHEET: 6	COMM NO.: 7261.07	BY: JRC	DATE: 11/17/03	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION QUATRE BAYOU BORROW AREA Q2-Q2' CROSS SECTION**

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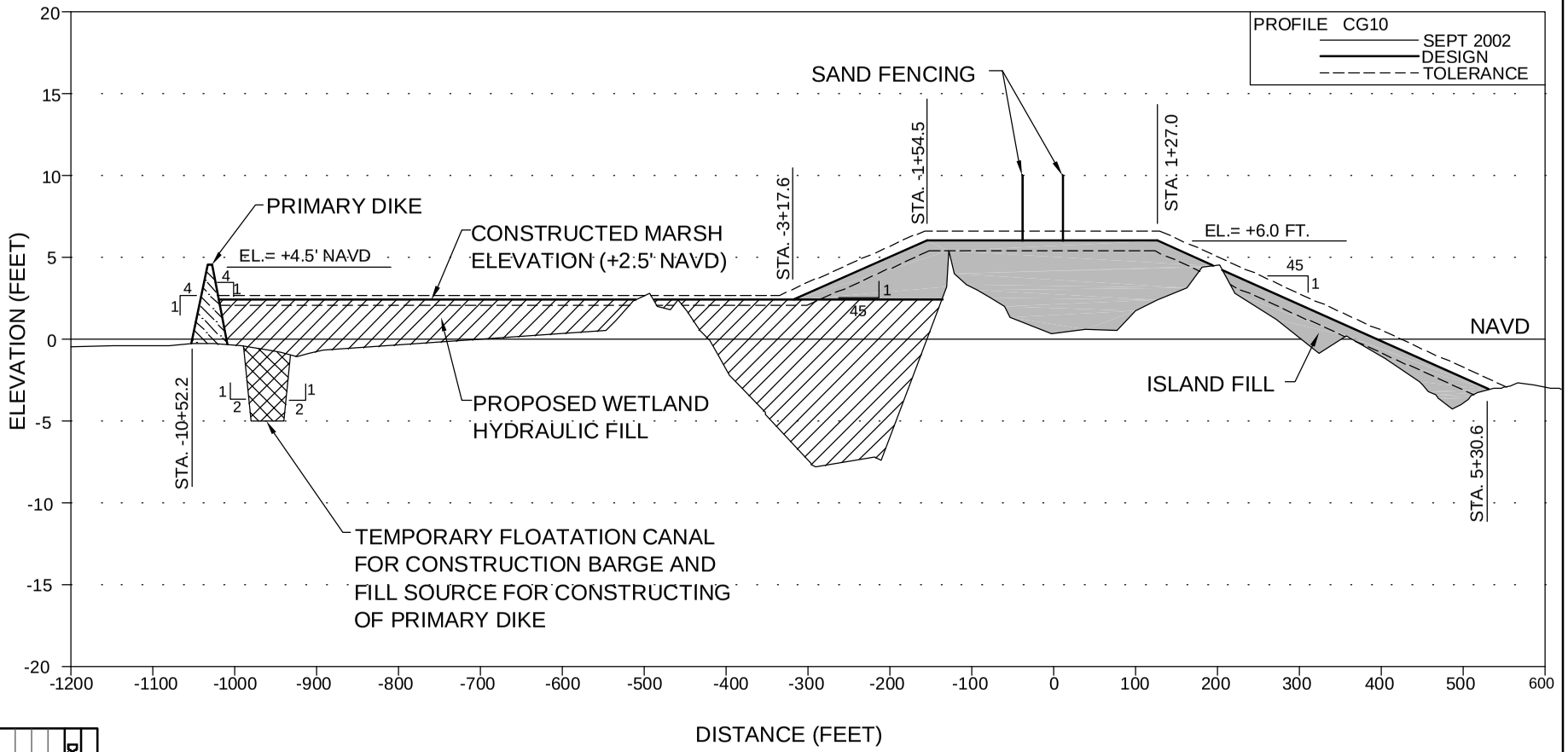

REVISIONS		
DESCRIPTION	BY	DATE

LEGEND:

- DENOTES WETLAND HYDRAULIC FILL
- DENOTES ISLAND FILL
- DENOTES PRIMARY DIKE
- DENOTES EXCAVATED MARSH MATERIAL TO BE USED FOR PRIMARY DIKE

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

SCALE: 1"= 200' HORIZONTAL
1"=10' VERTICAL

SHEET: 7
COMM NO.: 7261.07
BY: TW
DATE: 11/17/03

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TITLE:

CHALAND HEADLAND RESTORATION
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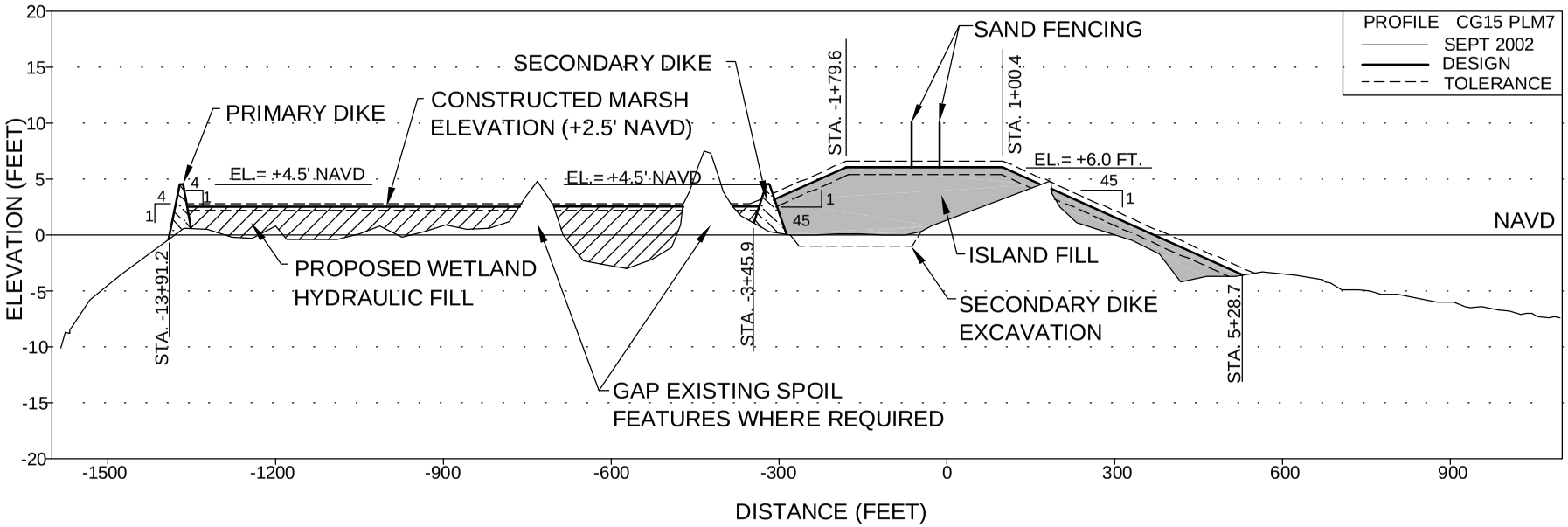
FILL CROSS SECTION CG10



REVISIONS		
DESCRIPTION	BY	DATE

LEGEND:

- DENOTES WETLAND HYDRAULIC FILL
- DENOTES ISLAND FILL
- DENOTES PRIMARY DIKE

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

SCALE: 1"= 300' HORIZONTAL
1"=15' VERTICAL

SHEET: 8	COMM NO.: 7261.07	BY: TW	DATE: 10/17/03	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT FILL CROSS SECTION CG15 PLM7**

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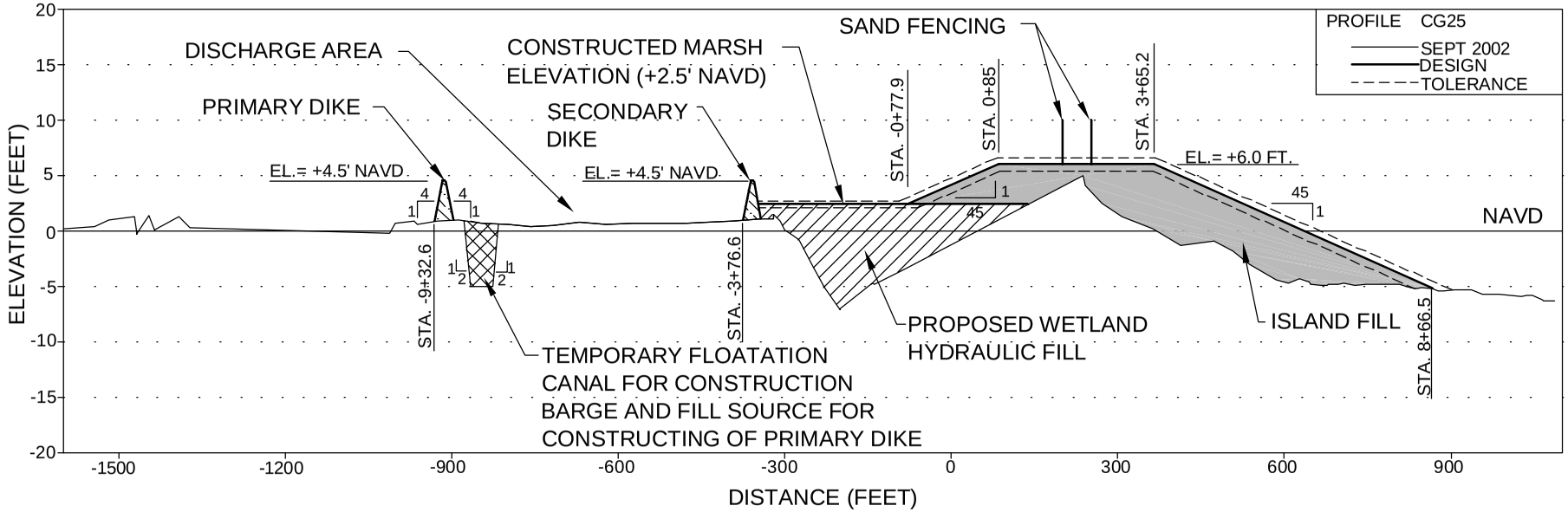

REVISIONS		
DESCRIPTION	BY	DATE

LEGEND:

- DENOTES WETLAND HYDRAULIC FILL
- DENOTES ISLAND FILL
- DENOTES PRIMARY DIKE
- DENOTES EXCAVATED MARSH MATERIAL TO BE USED FOR PRIMARY DIKE

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

SCALE: 1"= 300' HORIZONTAL
1"=15' VERTICAL

SHEET: 9
COMM NO.: 7261.07
BY: TW
DATE: 10/17/03

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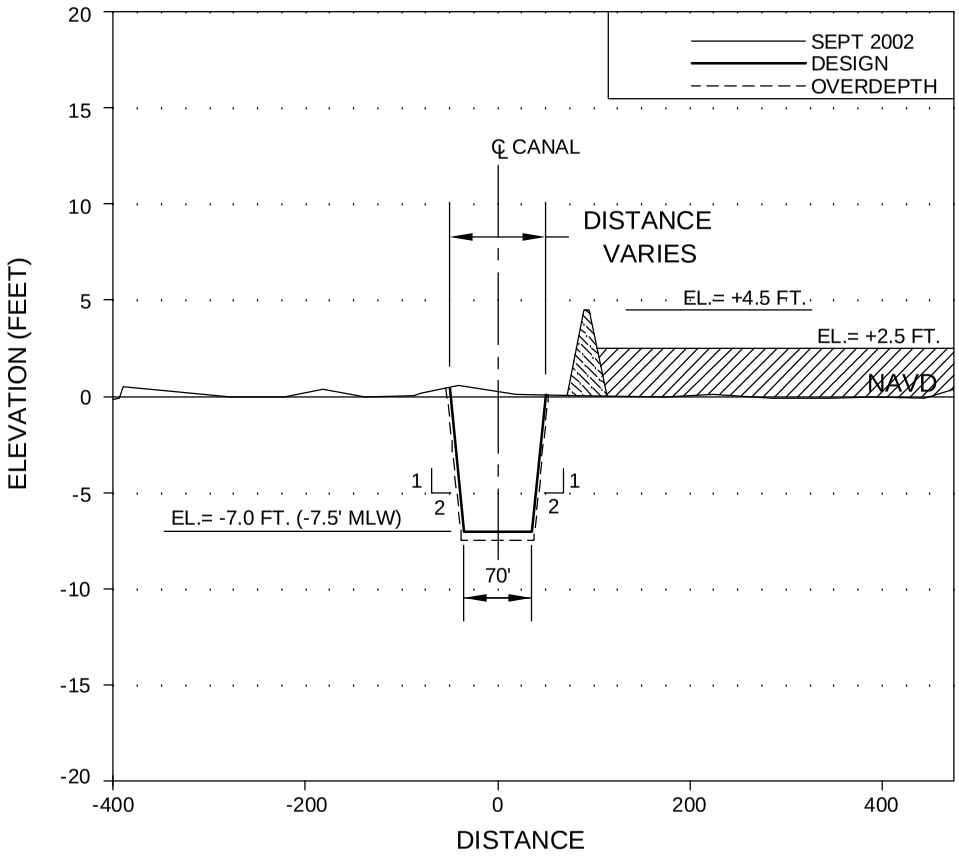
TITLE:

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
FILL CROSS SECTION CG25



ACCESS CANAL CROSS SECTION A-A' (TYPICAL)

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET

LEGEND:

DENOTES CONTAINMENT DIKE

DENOTES WETLAND FILL

SCALE: 1"= 200' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

SHEET: 10
COMM NO.: 7261.07
BY: TW
DATE: 10/17/03

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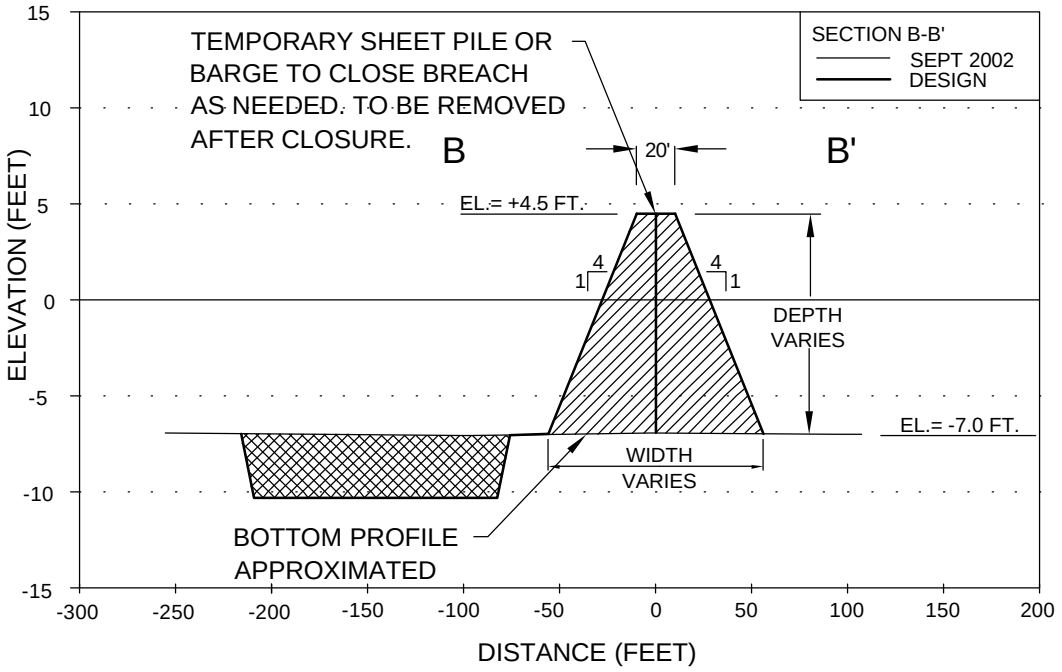
TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT OIL INFRASTRUCTURE BARGE ACCESS CANAL CROSS SECTION A-A' (TYP.)**



CANAL CLOSURE CROSS SECTION B-B' (TYPICAL)

LEGEND:

FILL MATERIAL TO CLOSE CANAL

DENOTES EXCAVATED MARSH MATERIAL TO BE USED FOR CANAL CLOSURE

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

SCALE: 1"= 100' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DATE	BY	DESCRIPTION

TITLE: CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT CLOSURE PROFILE B-B' (TYP.)

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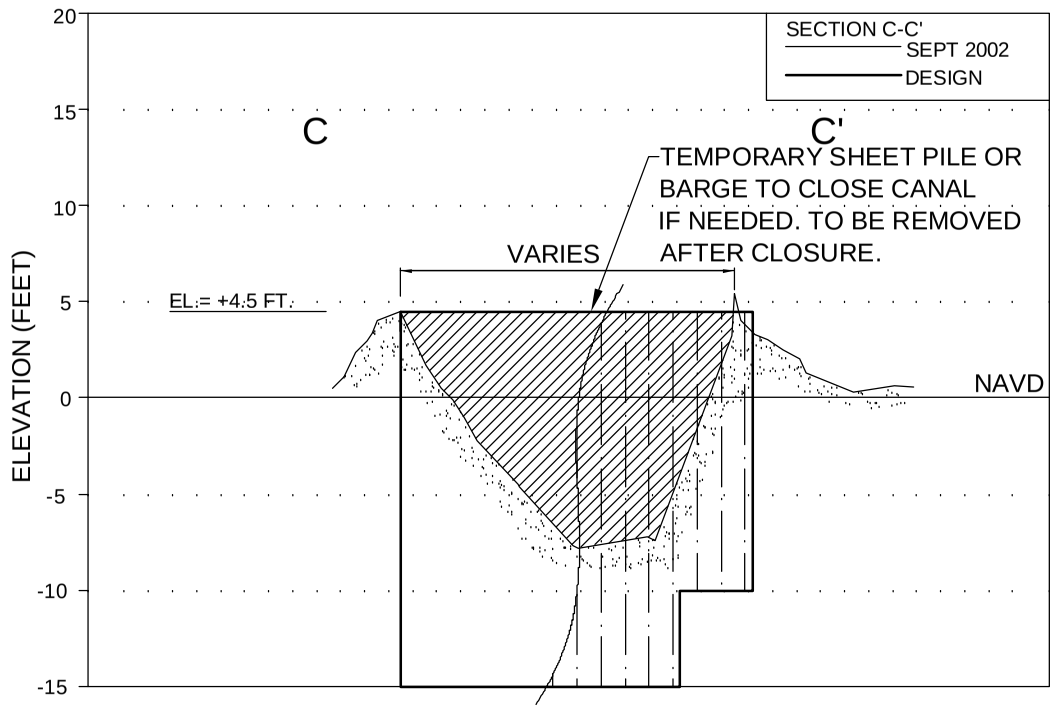
DATE: 11/17/03

BY: TW

COMM NO.: 7261.07

SHEET: 11

H:\Louisiana\726107\PERMITS\CHALAND\CHALAND PERMIT CANAL ACCESS AND CLOSURE X-SECTIONS.dwg



CANAL CLOSURE CROSS SECTION C-C' (TYPICAL)

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

LEGEND:

FILL MATERIAL TO CLOSE CANAL

SCALE: 1"= 200' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

COMM NO.: 7261.07
SHEET: 12

BY: TW
DATE: 11/17/03

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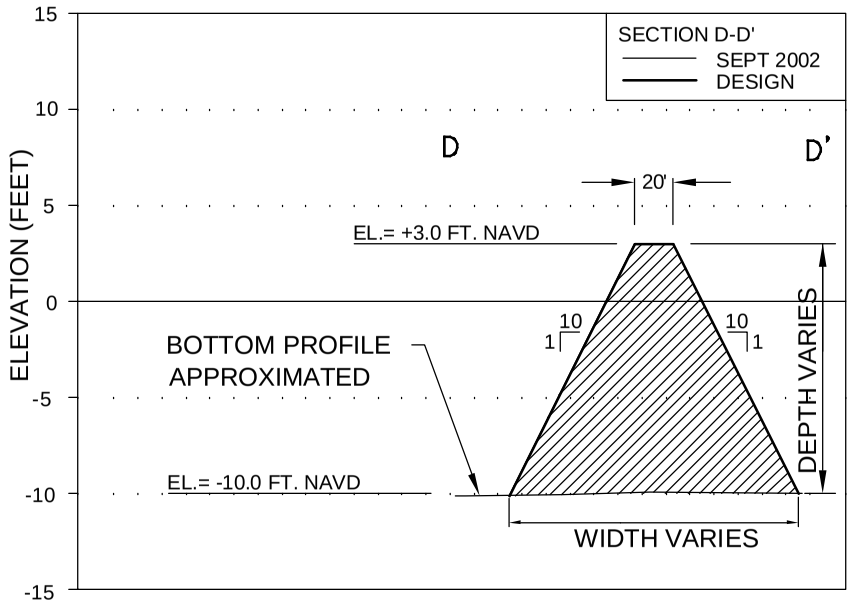
PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT CANAL CLOSURE CROSS SECTION C-C' (TYP.)**



BREACH CLOSURE CROSS SECTION D-D'

NOTES:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. DEPTH AND WIDTH OF BREACH VARIES.

LEGEND:

FILL MATERIAL TO CLOSE BREACH

SCALE: 1"= 100' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

COMM NO.: 7261.07
BY: TW
DATE: 7/29/03
SHEET: 13

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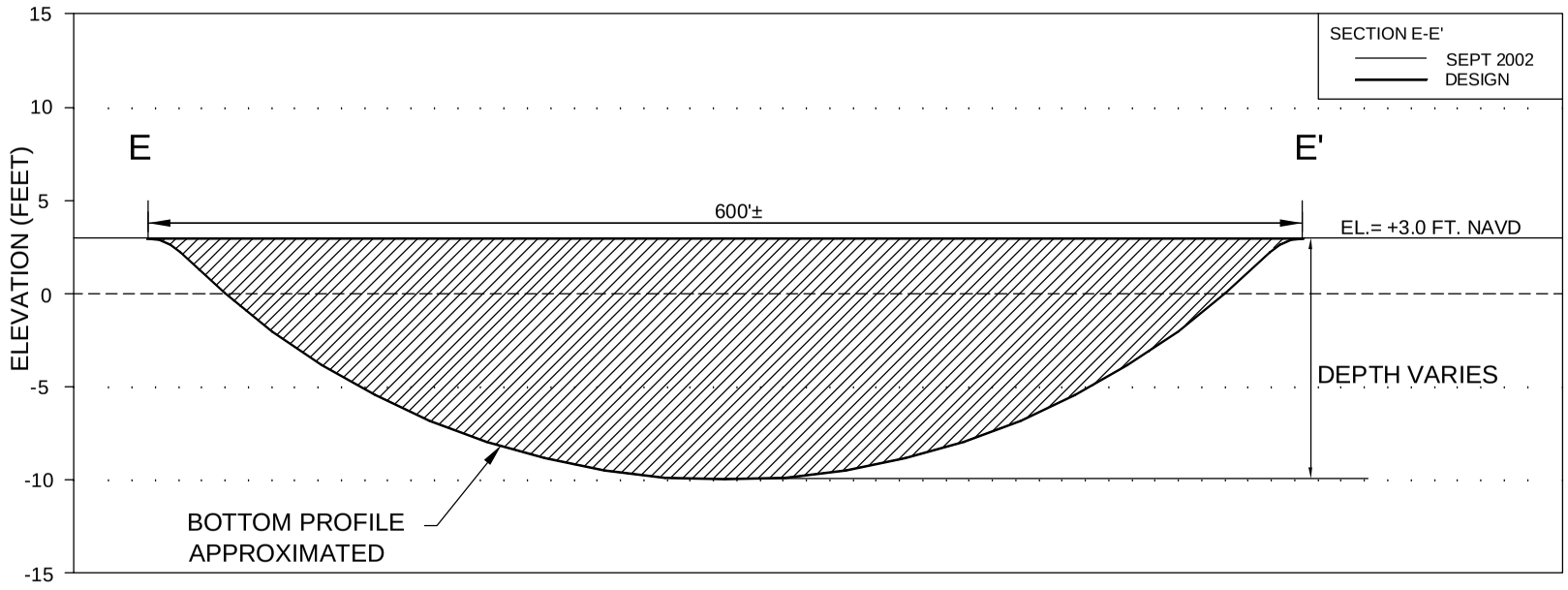
TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT BREACH CLOSURE CROSS SECTION D-D'**



BREACH CLOSURE PROFILE E-E'

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. DEPTH AND WIDTH OF BREACH VARIES.

LEGEND:

FILL MATERIAL TO CLOSE BREACH

SCALE: 1"= 100' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

COMM NO.: 7261.07
SHEET: 14

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DATE: 11/17/03

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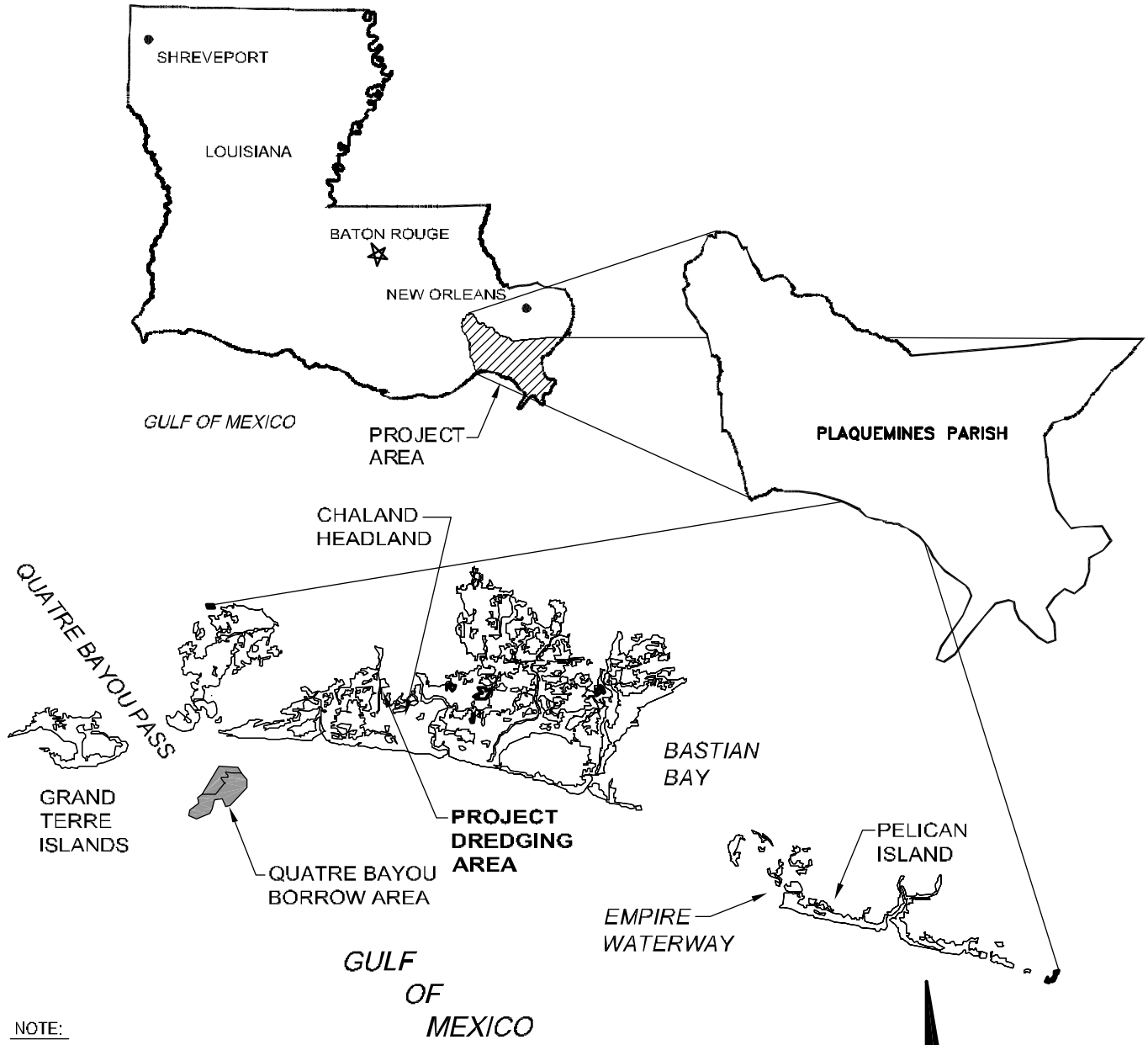
TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT BREACH CLOSURE PROFILE E-E'**

CHALAND HEADLAND RESTORATION
ROBINSON CANAL DREDGING



NOTE:
SOURCE OF MAP: LOUISIANA GIS CD;
A DIGITAL MAP OF THE STATE, 2 CD SET.

N

0 1 2 3 4
GRAPHIC SCALE IN MILES

SHEET INDEX

NO.	TITLE
1	LOCATION MAP
2-3	PROJECT PLAN VIEW
4-5	BATHYMETRY
6-13	CROSS SECTIONS SHEETS

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:
CHALAND HEADLAND RESTORATION
ROBINSON CANAL DREDGING
LOCATION MAP

2481 N.W. BOCA RATON BLVD.
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DATE: 1/3/06
BY: STR
COMM NO.: 7261.28
SHEET: 1

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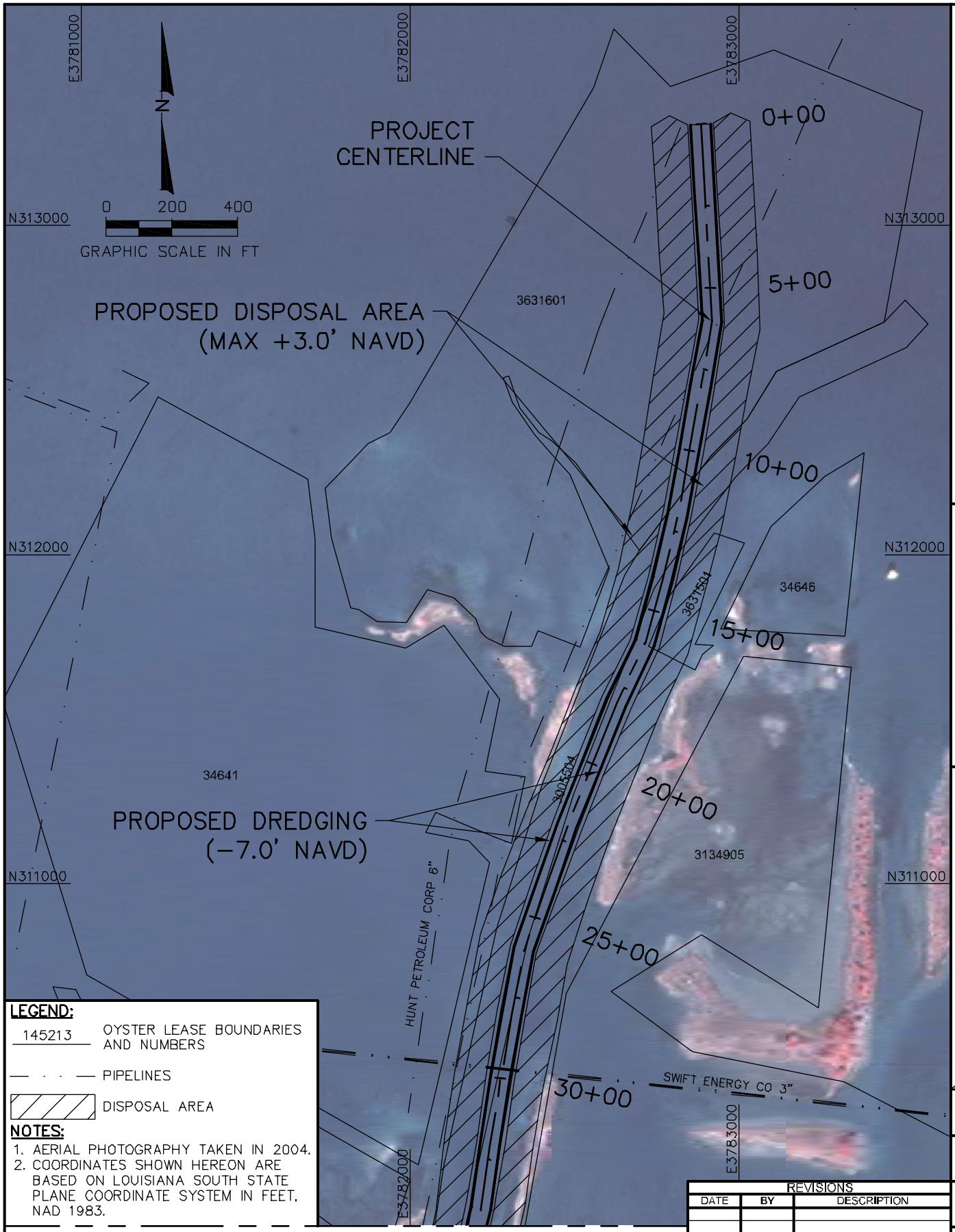

LEGEND:

145213 — OYSTER LEASE BOUNDARIES AND NUMBERS

— · · · — PIPELINES

DISPOSAL AREA

NOTES:

1. AERIAL PHOTOGRAPHY TAKEN IN 2004.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.

MATCHLINE SHEET 3

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:

CHALAND HEADLAND RESTORATION
ROBINSON CANAL DREDGING
PLAN VIEW

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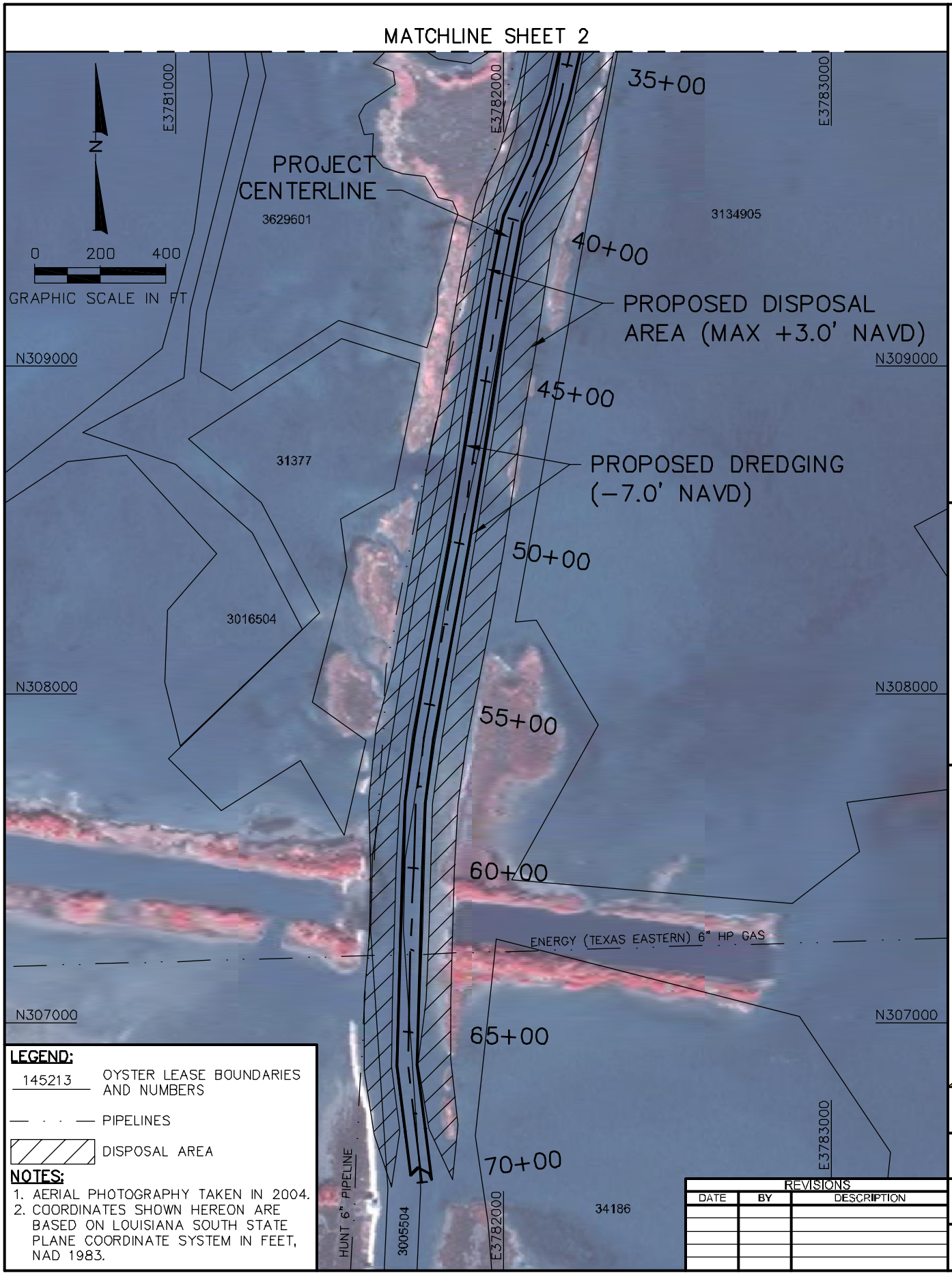
DATE: 12/28/05

BY: STR

COMM NO.: 7261.28

SHEET: 2



REVISIONS		
DATE	BY	DESCRIPTION

TITLE:

CHALAND HEADLAND RESTORATION
ROBINSON CANAL DREDGING
PLAN VIEW

2481 N.W. BOCA RATON BLVD.
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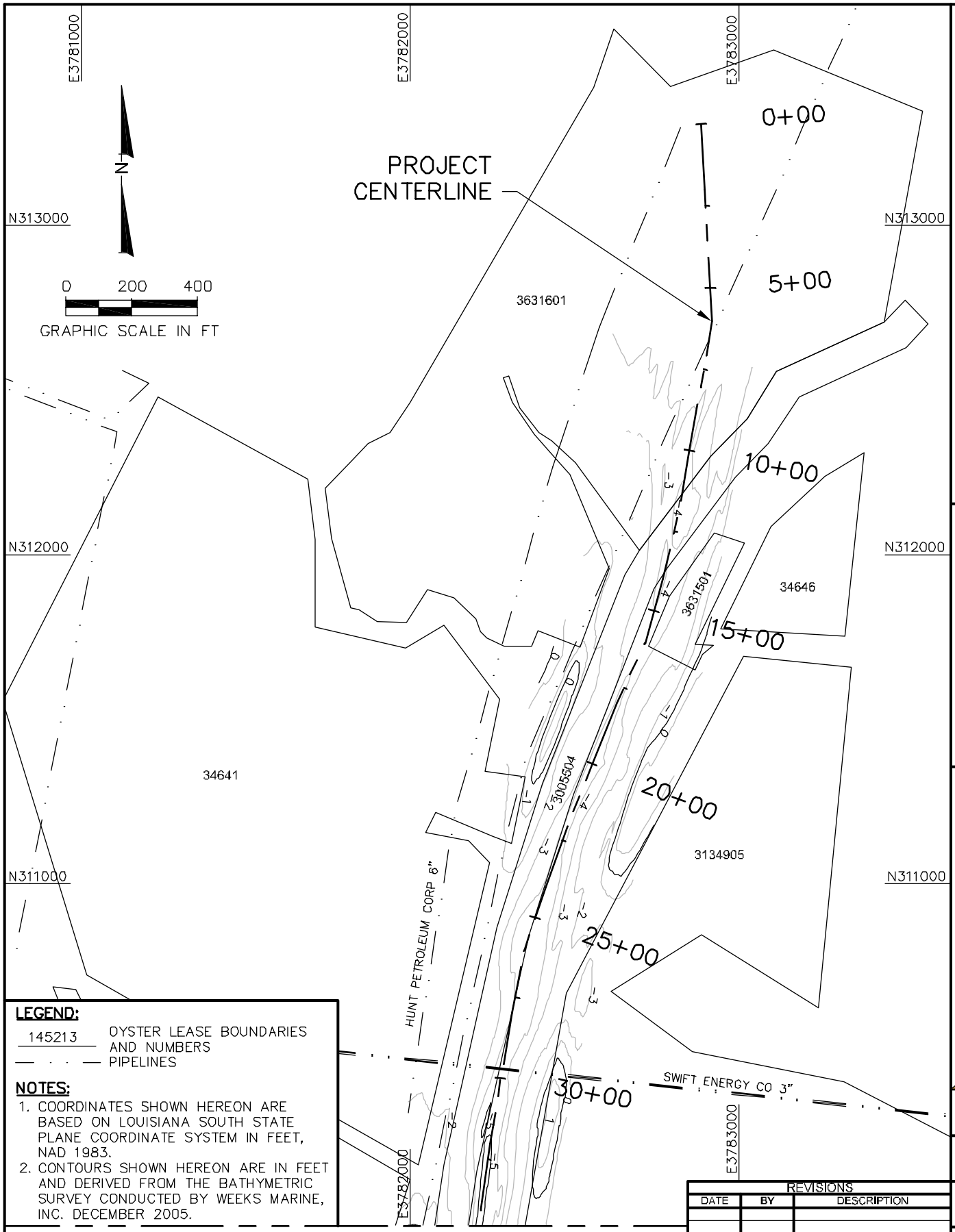
DATE: 12/28/05

BY: STR

COMM NO.: 7261.28

SHEET: 3



LEGEND:

145213 — OYSTER LEASE BOUNDARIES AND NUMBERS

— · · — PIPELINES

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. CONTOURS SHOWN HEREON ARE IN FEET AND DERIVED FROM THE BATHYMETRIC SURVEY CONDUCTED BY WEEKS MARINE, INC. DECEMBER 2005.

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:

CHALAND HEADLAND RESTORATION
ROBINSON CANAL DREDGING
BATHYMETRY

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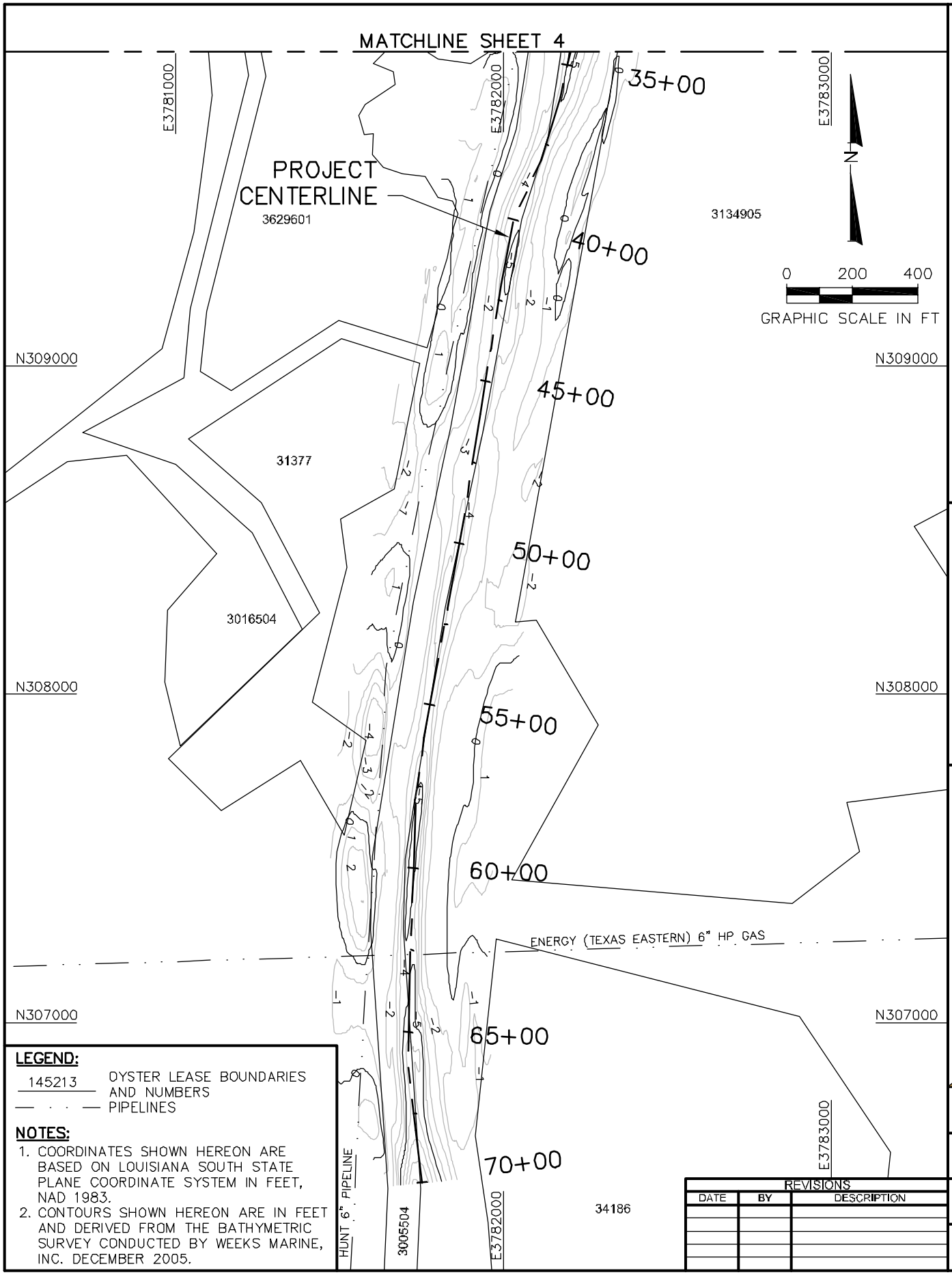
DATE: 12/28/05

BY: STR

COMM NO.: 7261.28

SHEET: 4



LEGEND:

145213 — OYSTER LEASE BOUNDARIES AND NUMBERS

— · · — PIPELINES

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. CONTOURS SHOWN HEREON ARE IN FEET AND DERIVED FROM THE BATHYMETRIC SURVEY CONDUCTED BY WEEKS MARINE, INC. DECEMBER 2005.

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:

CHALAND HEADLAND RESTORATION
ROBINSON CANAL DREDGING
BATHYMETRY

2481 N.W. BOCA RATON BLVD.
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DATE: 12/28/05

BY: STR

COMM NO.: 7261.28

SHEET: 5

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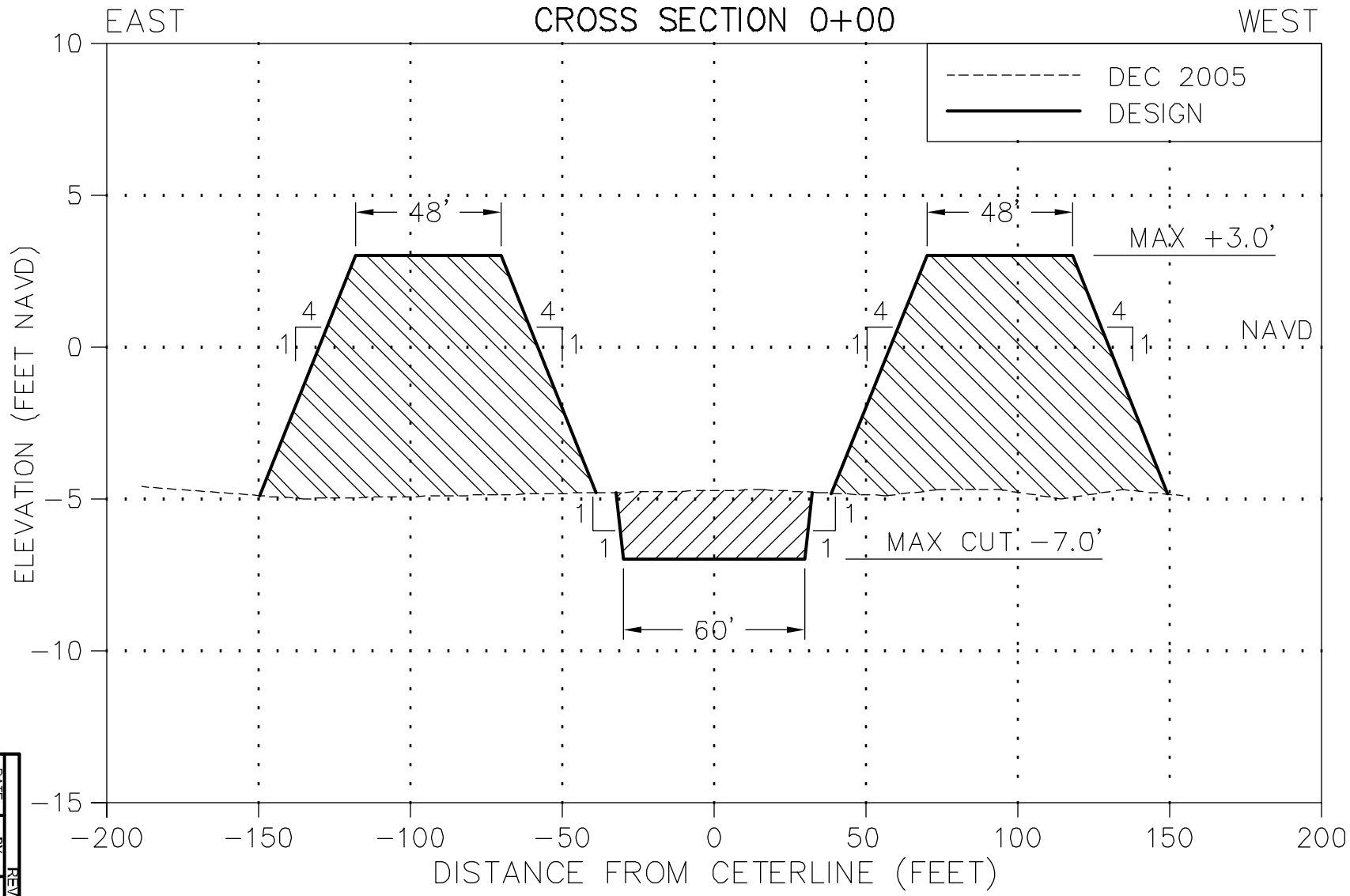

REVISIONS		
DATE	BY	DESCRIPTION

LEGEND:

PROPOSED DREDGING

PROPOSED DISPOSAL AREA

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. CROSS SECTIONS VIEWED LOOKING SOUTH (POSITIVE VALUES ARE WEST).

SCALE: 1"= 50' HORIZ.
1"=5' VERT.

SHEET:	COMM NO.:	BY:	DATE:	COASTAL PLANNING & ENGINEERING, INC.	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116	TITLE:
6	7261.28	STR	1/2/06	www.CoastalPlanning.net		CHALAND HEADLAND RESTORATION ROBINSON CANAL DREDGING CROSS SECTION 0+00

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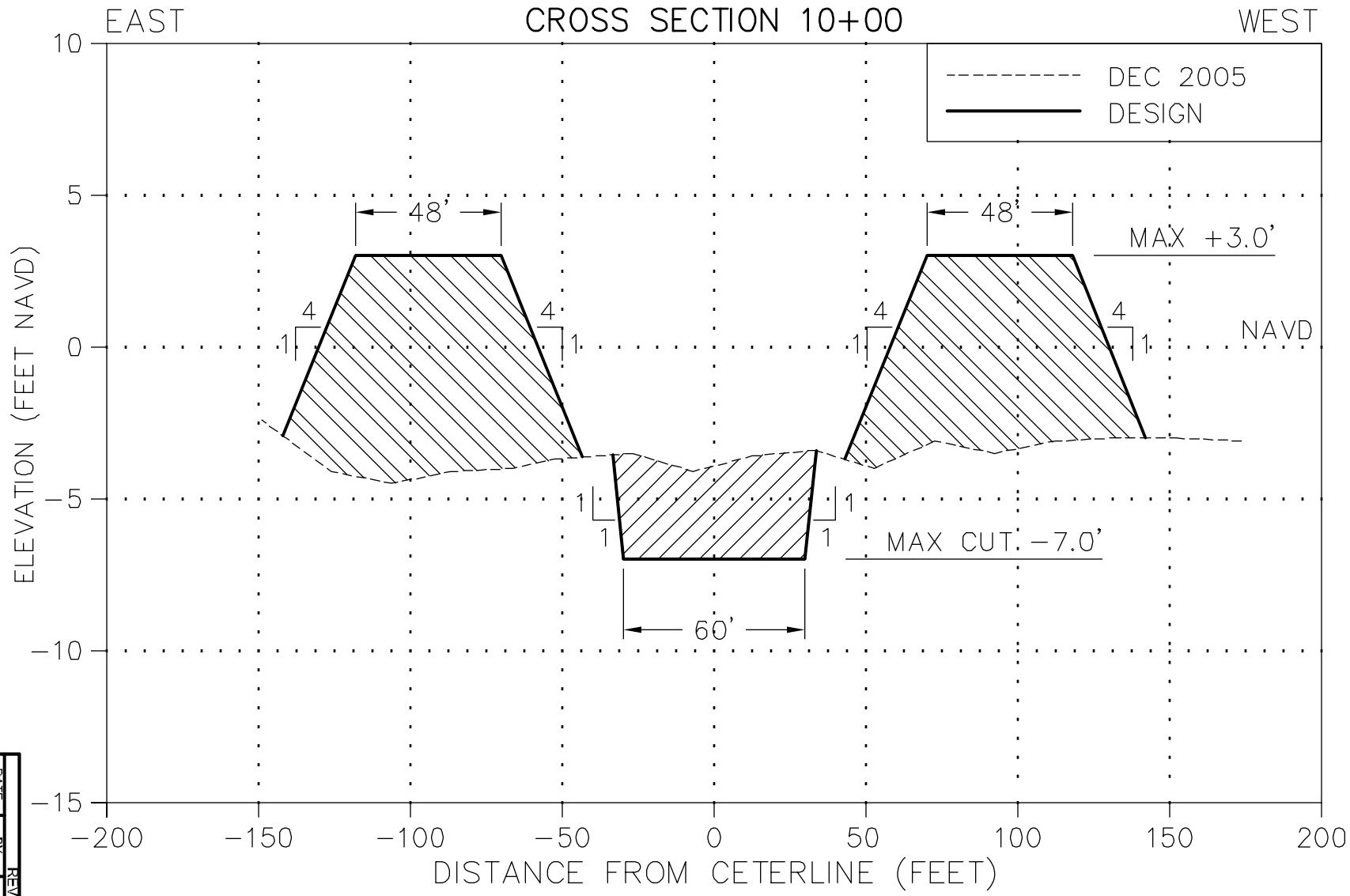

LEGEND:

PROPOSED DREDGING

PROPOSED DISPOSAL AREA

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. CROSS SECTIONS VIEWED LOOKING SOUTH (POSITIVE VALUES ARE WEST).

SCALE: 1"= 50' HORIZ.
1"=5' VERT.

REVISIONS		
DESCRIPTION	BY	DATE

SHEET:	COMM NO.:	BY:	DATE:	TITLE:
7	7261.28	STR	1/2/06	CHALAND HEADLAND RESTORATION ROBINSON CANAL DREDGING CROSS SECTION 10+00

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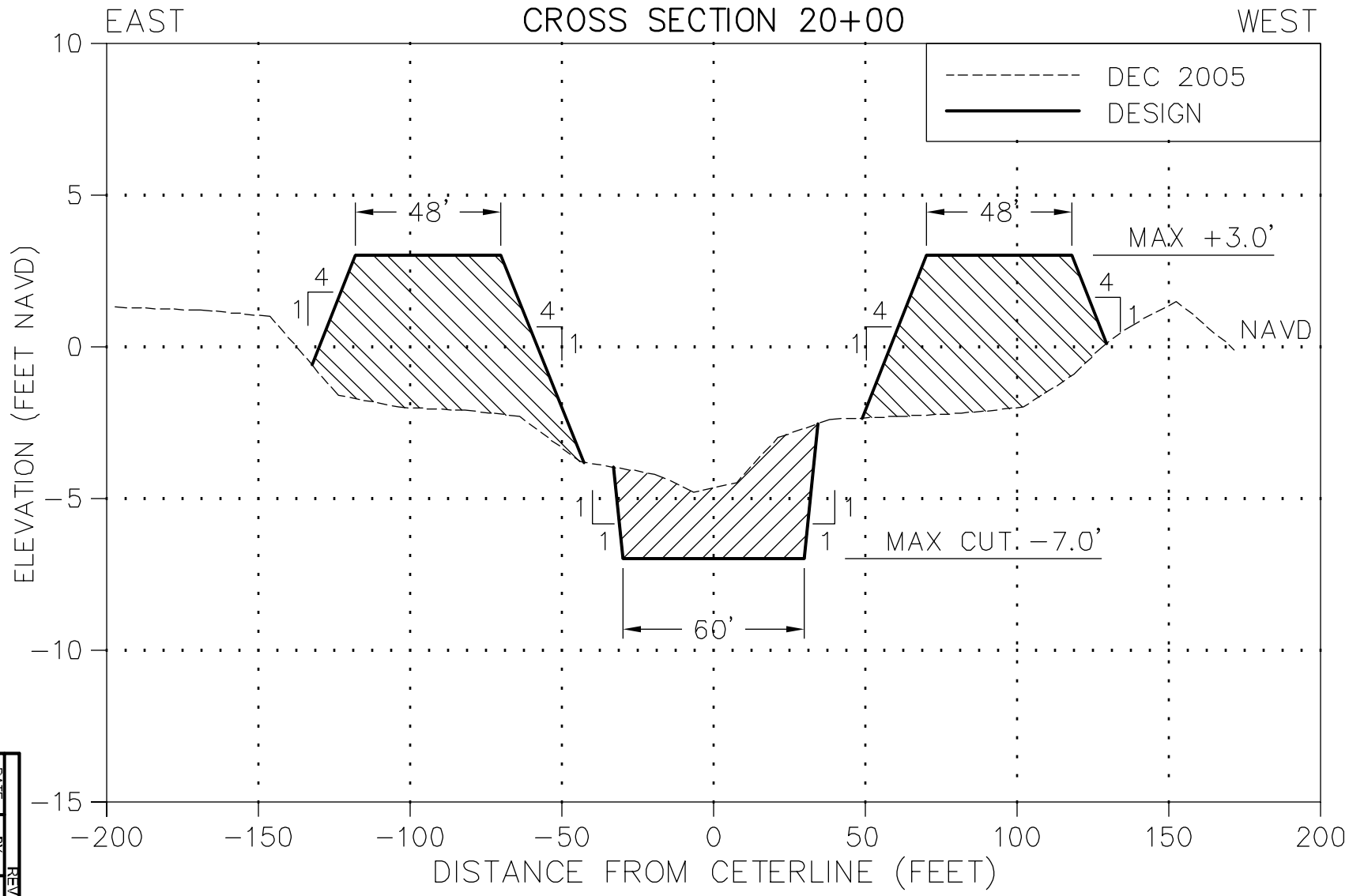

LEGEND:

PROPOSED DREDGING

PROPOSED DISPOSAL AREA

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. CROSS SECTIONS VIEWED LOOKING SOUTH (POSITIVE VALUES ARE WEST).

SCALE: 1"= 50' HORIZ.
1"=5' VERT.

REVISIONS		
DESCRIPTION	BY	DATE

SHEET:	COMM NO.:	BY:	DATE:
8	7261.28	STR	1/2/06

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TITLE: **CHALAND HEADLAND RESTORATION**
ROBINSON CANAL DREDGING
CROSS SECTION 20+00

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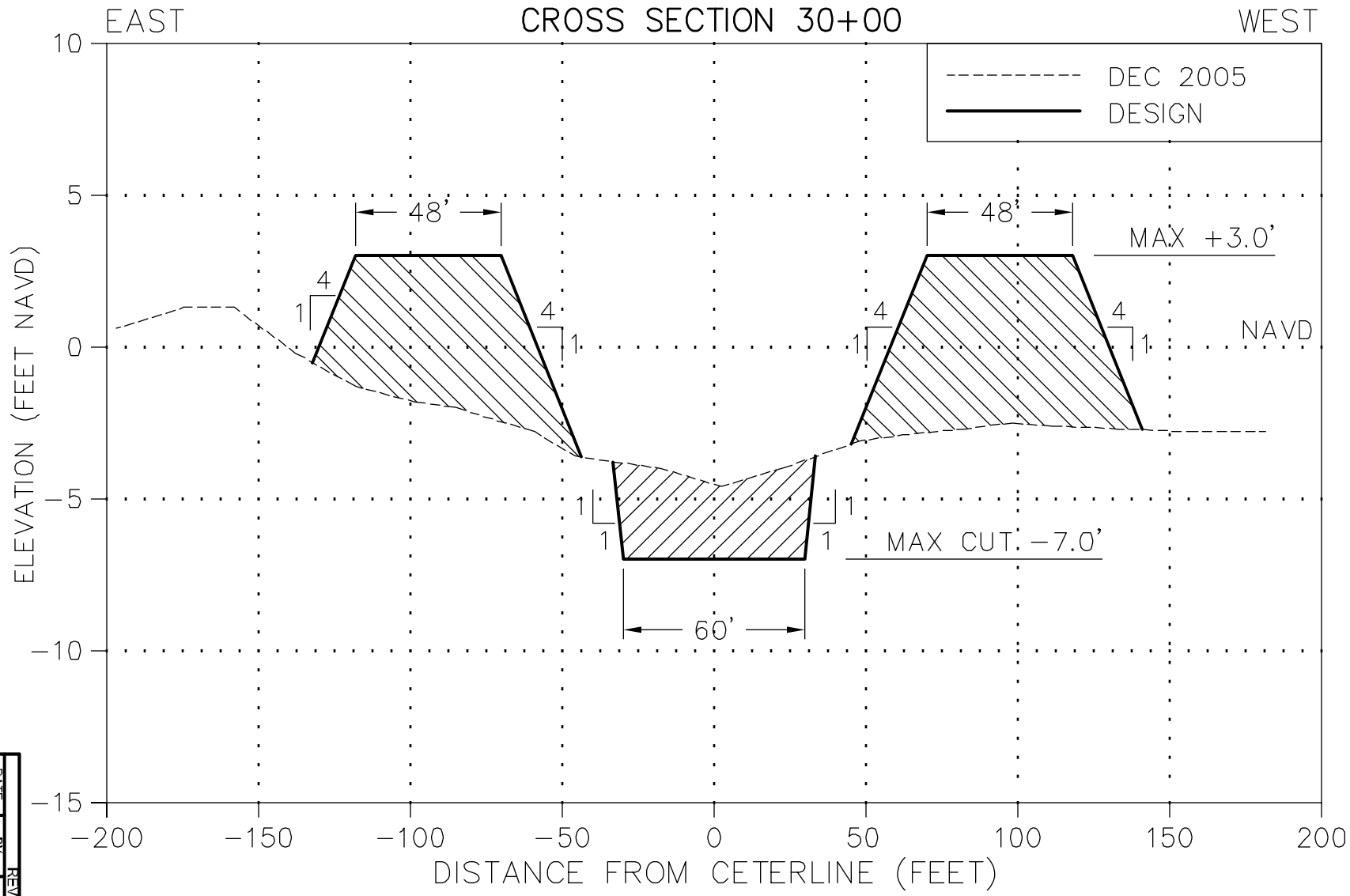

LEGEND:

PROPOSED DREDGING

PROPOSED DISPOSAL AREA

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. CROSS SECTIONS VIEWED LOOKING SOUTH (POSITIVE VALUES ARE WEST).

SCALE: 1"= 50' HORIZ.
1"=5' VERT.

REVISIONS		
DESCRIPTION	BY	DATE

SHEET:	COMM NO.:	BY:	DATE:			TITLE:
9	7261.28	STR	1/2/06	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116	CHALAND HEADLAND RESTORATION ROBINSON CANAL DREDGING CROSS SECTION 30+00

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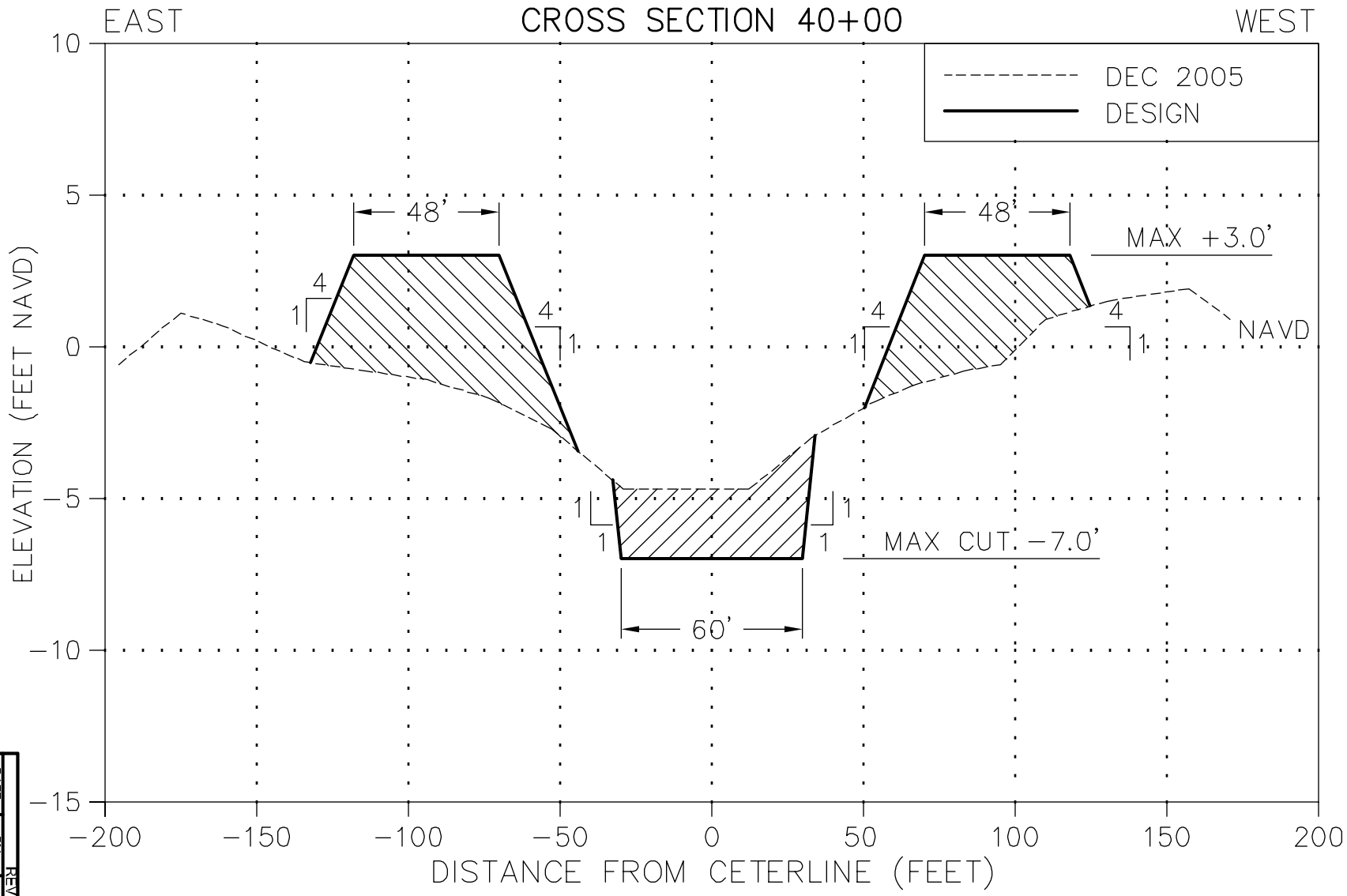

LEGEND:

PROPOSED DREDGING

PROPOSED DISPOSAL AREA

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. CROSS SECTIONS VIEWED LOOKING SOUTH (POSITIVE VALUES ARE WEST).

SCALE: 1"= 50' HORIZ.
1"=5' VERT.

REVISIONS		
DESCRIPTION	BY	DATE

SHEET:	COMM NO.:	BY:	DATE:
10	7261.28	STR	1/2/06

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TITLE: **CHALAND HEADLAND RESTORATION**
ROBINSON CANAL DREDGING
CROSS SECTION 40+00

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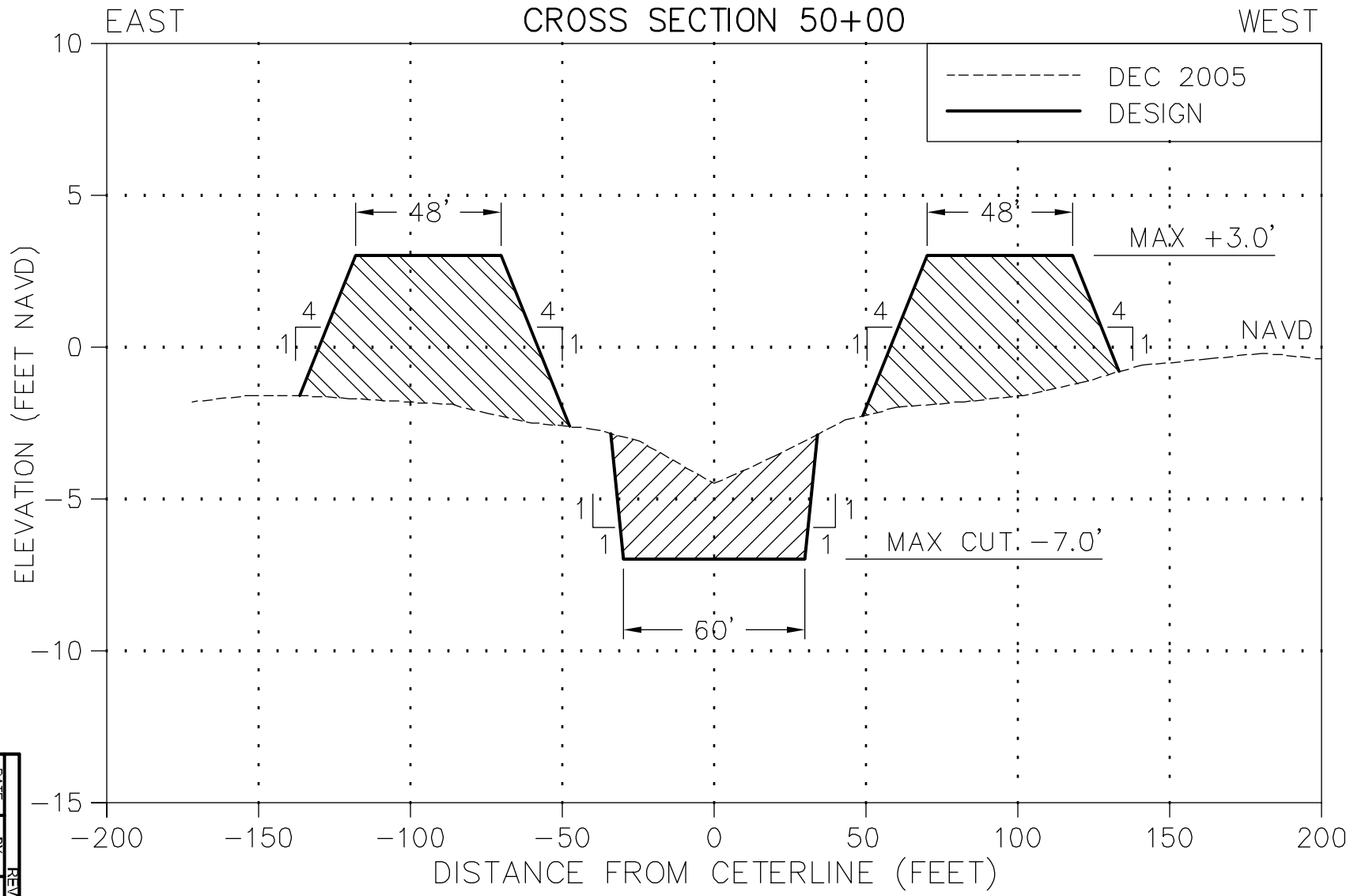

LEGEND:

PROPOSED DREDGING

PROPOSED DISPOSAL AREA

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. CROSS SECTIONS VIEWED LOOKING SOUTH (POSITIVE VALUES ARE WEST).

SCALE: 1"= 50' HORIZ.
1"=5' VERT.

REVISIONS		
DESCRIPTION	BY	DATE

SHEET:	COMM NO.:	BY:	DATE:			TITLE:
11	7261.28	STR	1/2/06	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116	CHALAND HEADLAND RESTORATION ROBINSON CANAL DREDGING CROSS SECTION 50+00

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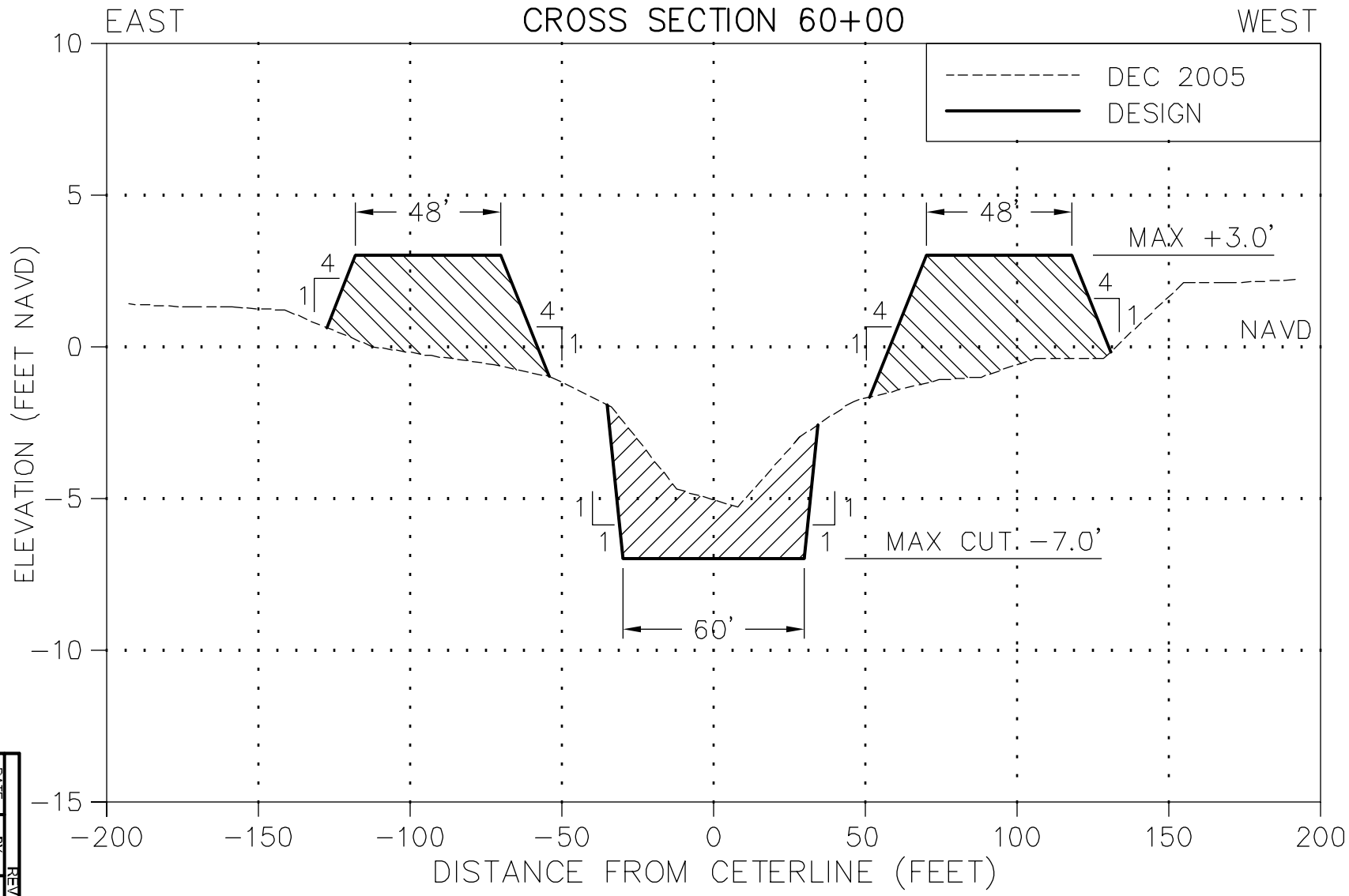

LEGEND:

PROPOSED DREDGING

PROPOSED DISPOSAL AREA

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. CROSS SECTIONS VIEWED LOOKING SOUTH (POSITIVE VALUES ARE WEST).

SCALE: 1"= 50' HORIZ.
1"=5' VERT.

REVISIONS		
DESCRIPTION	BY	DATE

SHEET:	COMM NO.:	BY:	DATE:	TITLE:
12	7261.28	STR	1/2/06	CHALAND HEADLAND RESTORATION ROBINSON CANAL DREDGING CROSS SECTION 60+00

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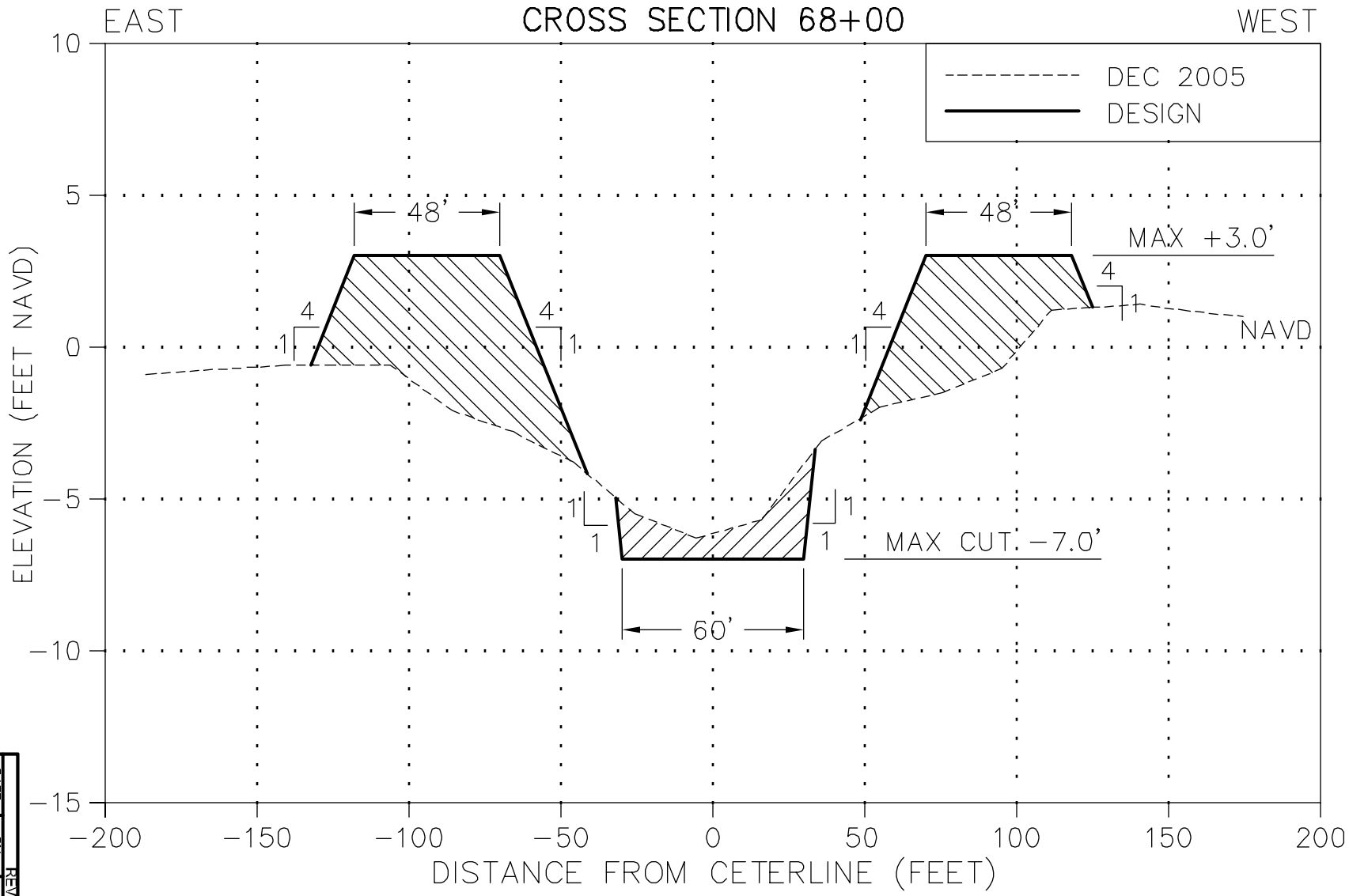

LEGEND:

PROPOSED DREDGING

PROPOSED DISPOSAL AREA

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. CROSS SECTIONS VIEWED LOOKING SOUTH (POSITIVE VALUES ARE WEST).

SCALE: 1"= 50' HORIZ.
1"=5' VERT.

REVISIONS		
DESCRIPTION	BY	DATE

SHEET:	COMM NO.:	BY:	DATE:	TITLE:
13	7261.28	STR	1/2/06	CHALAND HEADLAND RESTORATION ROBINSON CANAL DREDGING CROSS SECTION 68+00

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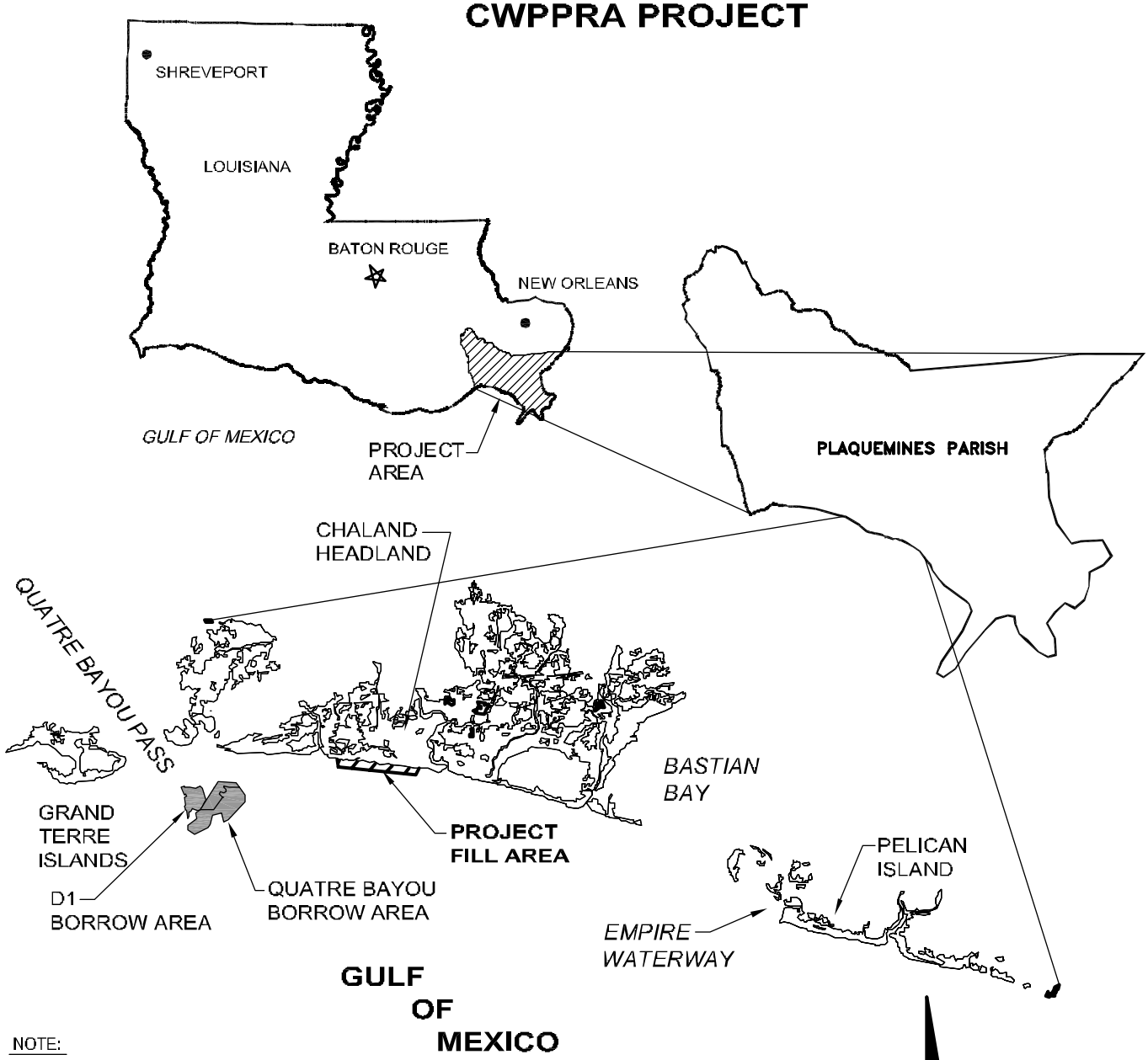
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT



NOTE:

SOURCE OF MAP: LOUISIANA GIS CD;
A DIGITAL MAP OF THE STATE, 2 CD SET.

N

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GRAPHIC SCALE IN MILES

SHEET INDEX

NO.	TITLE
1	LOCATION MAP
2-3	PROJECT PLAN VIEW
4	QUATRE BAYOU BORROW AREA BATHYMETRY
5-6	QUATRE BAYOU BORROW AREA CROSS SECTIONS
7-9	FILL CROSS SECTIONS
10	BARGE ACCESS CANAL CROSS SECTION A-A' (TYP.)
11	TYPICAL CANAL CLOSURE PROFILE B-B' (TYP.)
12	TYPICAL CANAL CLOSURE CROSS SECTION C-C' (TYP.)
13	BREACH CLOSURE CROSS SECTION D-D'
14	BREACH CLOSURE PROFILE E-E'
15-22	D1 BORROW AREA BATHYMETRY
23-28	D1 BORROW AREA CROSS SECTIONS

REVISIONS

DATE	BY	DESCRIPTION
09/05/06	STR	BORROW AREA D1 ADDED

TITLE: CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT LOCATION MAP

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DATE: 11/17/03

BY: JRC

COMM NO.: 7261.07

SHEET: 1

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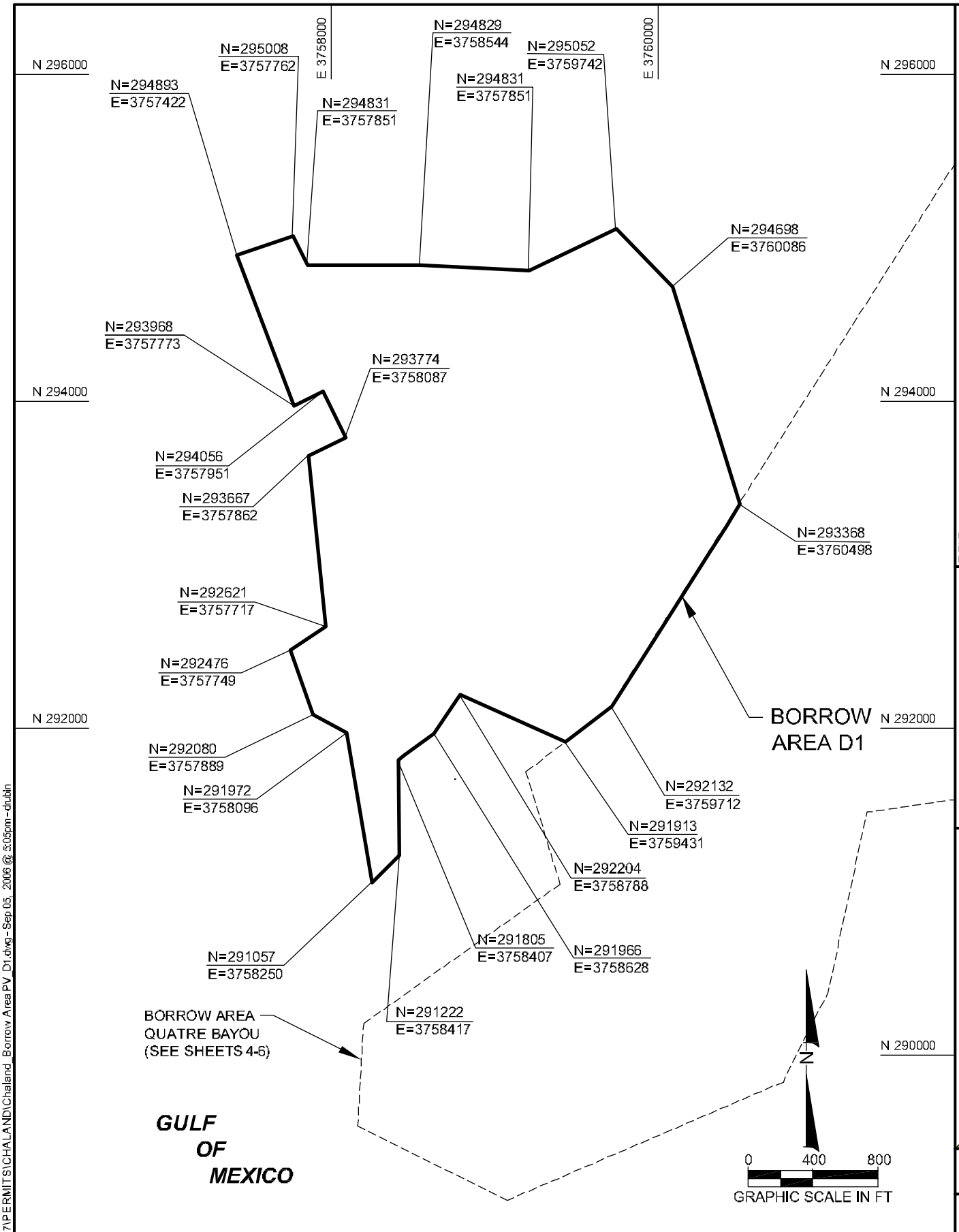

TITLE:

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 COORDINATES

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
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COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

DATE: 7/22/05

BY: JRC

COMM NO.: 7900.05

SHEET: 15

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.

REVISIONS		
DATE	BY	DESCRIPTION

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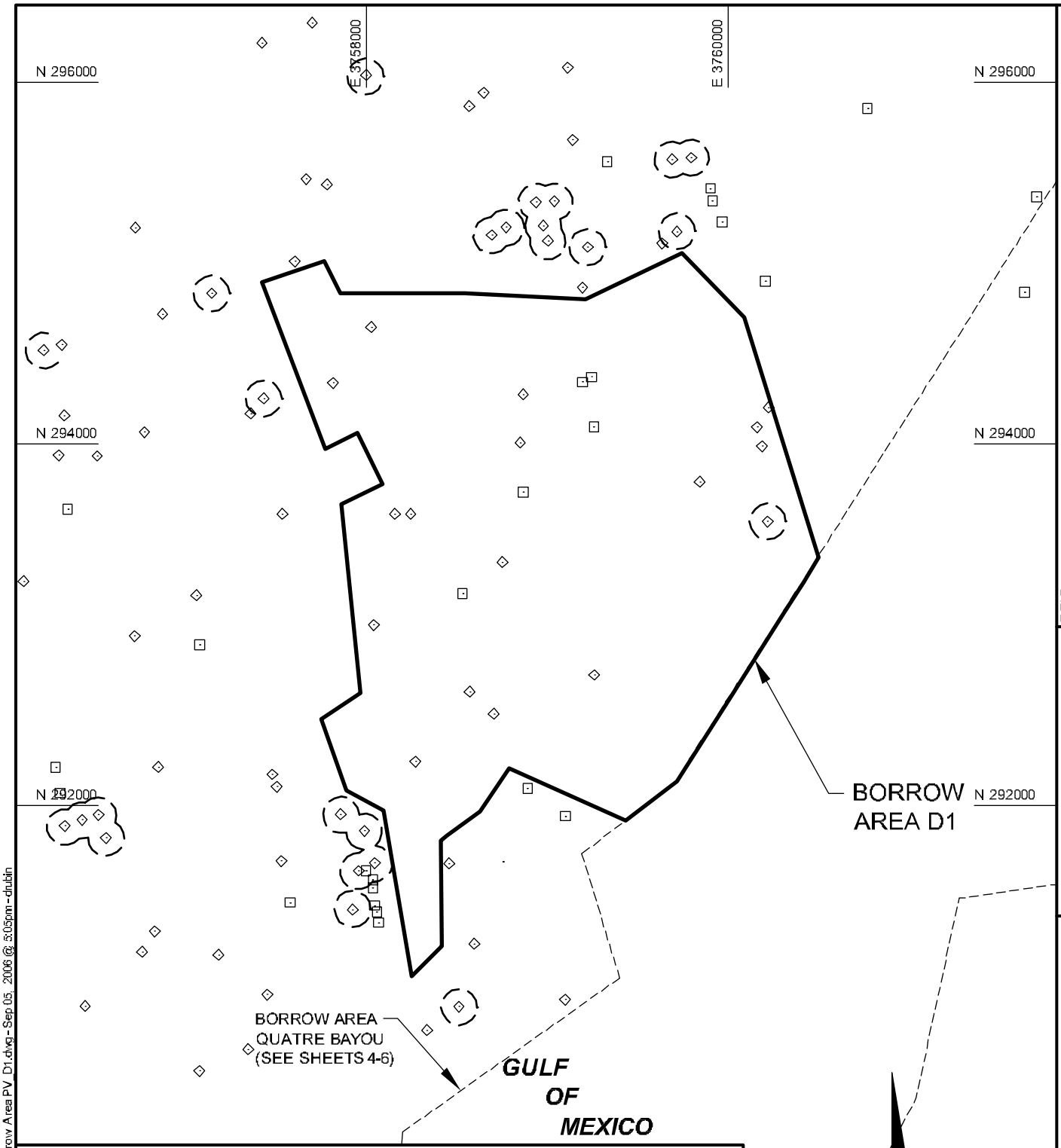

LEGEND:

- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- 2004 CULTURAL RESOURCE MAGNETIC ANOMALY
- 2003 MAGNETIC ANOMALY

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. DATE OF MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT BORROW AREA D1 MAGNETIC ANOMALIES

COASTAL PLANNING & ENGINEERING, INC.
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PH. (561) 391-8102 FAX (561) 391-9116

DATE: 7/22/05

BY: JRC

COMM NO.: 7900.05

SHEET: 16

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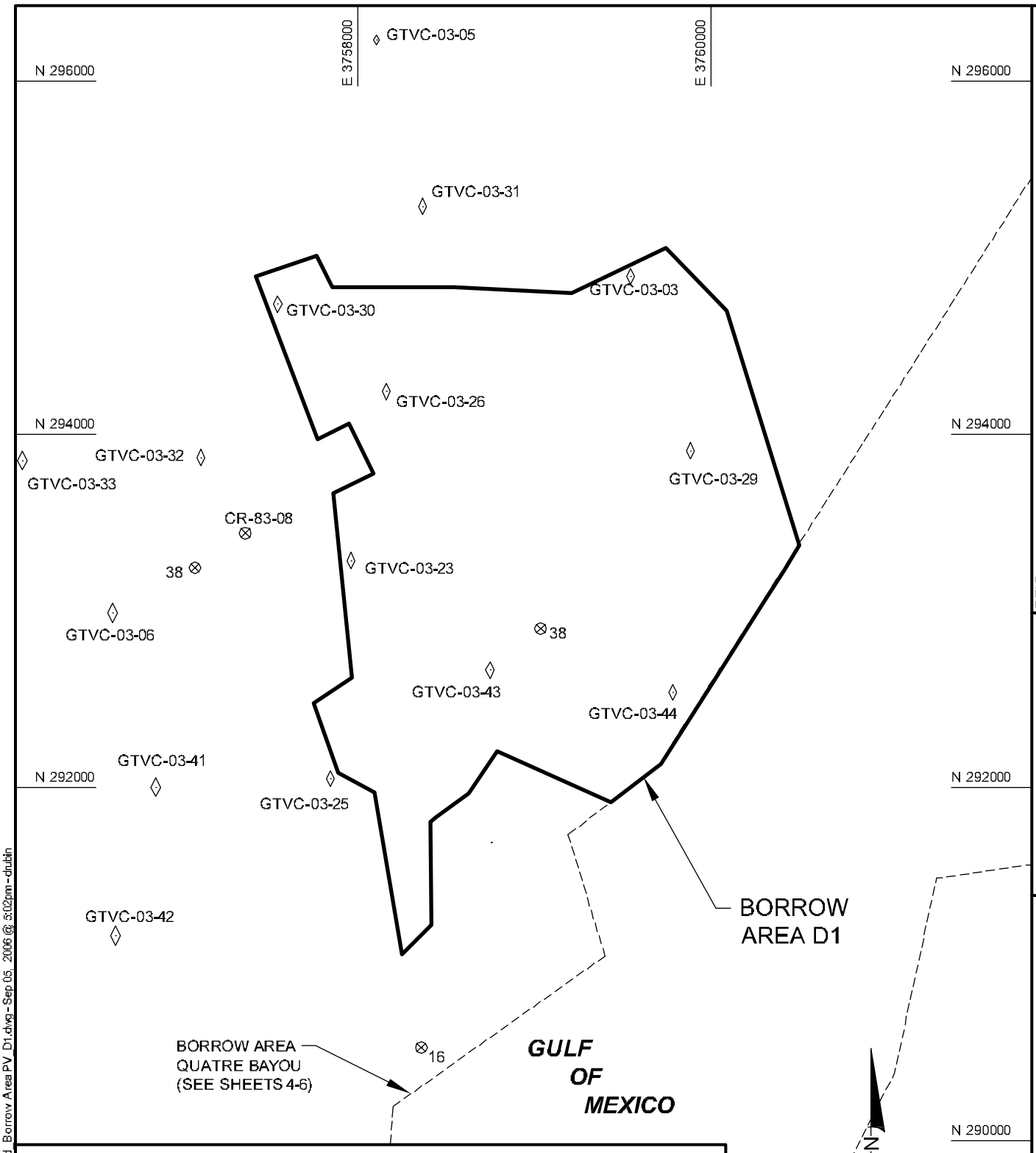

LEGEND:

◊	2003 CPE VIBRACORE
⊗	USGS VIBRACORE
D1-E'	CROSS SECTION LABELS

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.

0 400 800
GRAPHIC SCALE IN FT

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:
CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 VIBRACORES

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116
COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

DATE: 7/22/05
BY: JRC
COMM NO.: 7900.05
SHEET: 17

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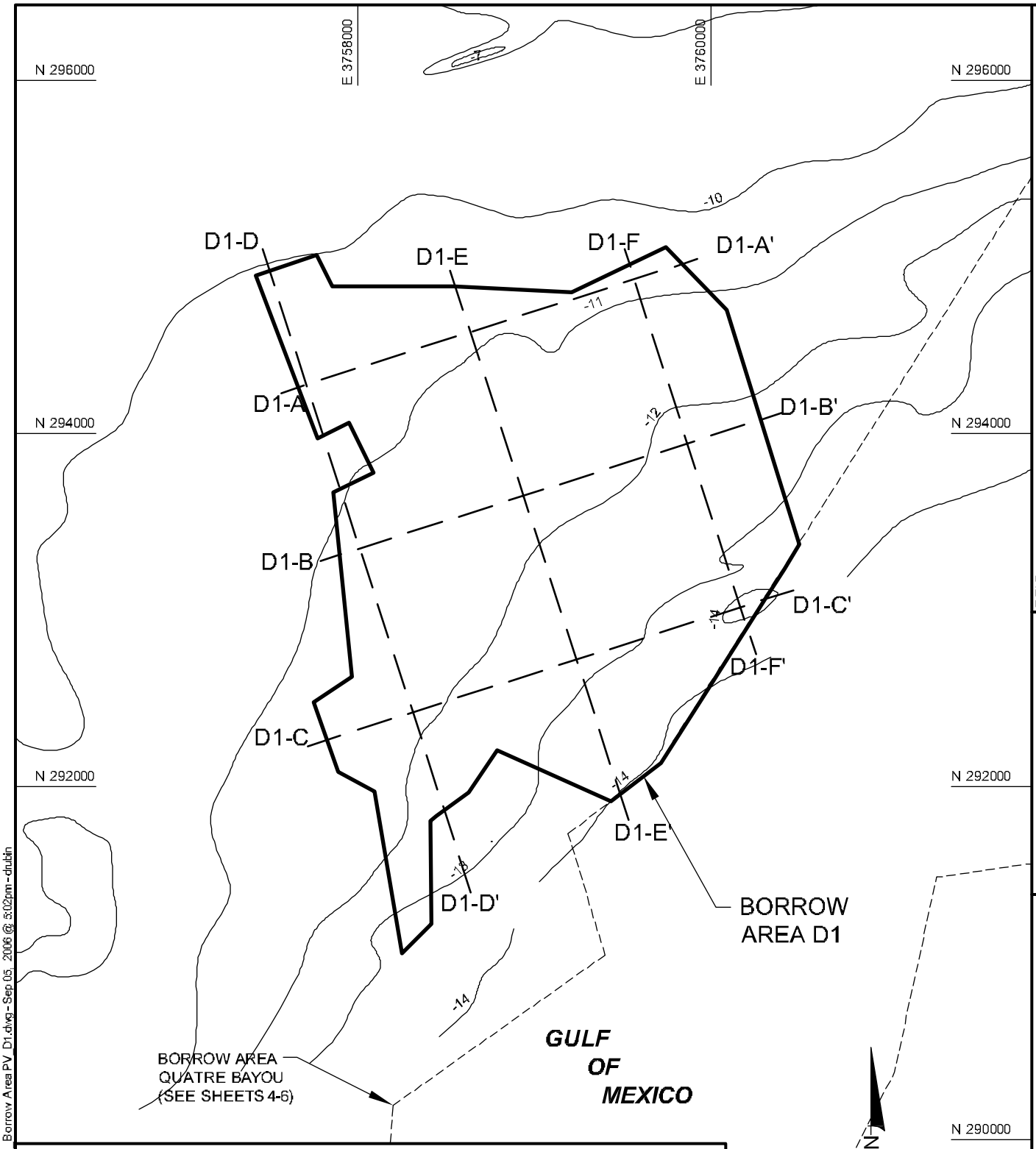

LEGEND:

◊ 2003 CPE VIBRACORE

⊗ USGS VIBRACORE

D1-E' CROSS SECTION LABELS

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 BATHYMETRIC SURVEY

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

DATE: 7/22/05

BY: JRC

COMM NO.: 7900.05

SHEET: 18

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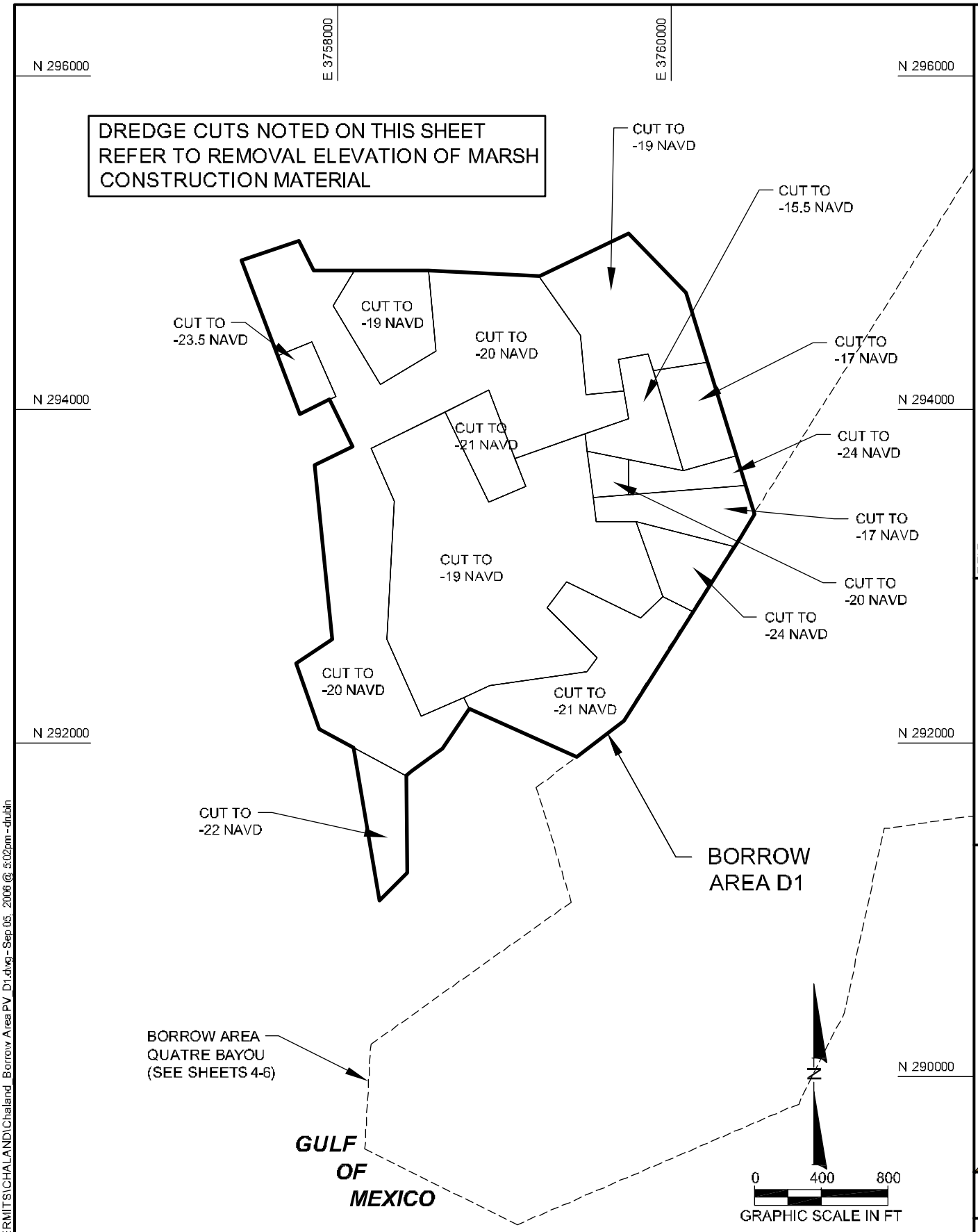

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ALLOWABLE OVER DREDGE IS 3' (FEET) BELOW DESIGN CUT.

REVISIONS		
DATE	BY	DESCRIPTION

TITLE: CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT BORROW AREA D1 CUT DEPTHS MARSH MATERIAL

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

DATE: 7/22/05

BY: JRC

COMM NO.: 7900.05

SHEET: 19

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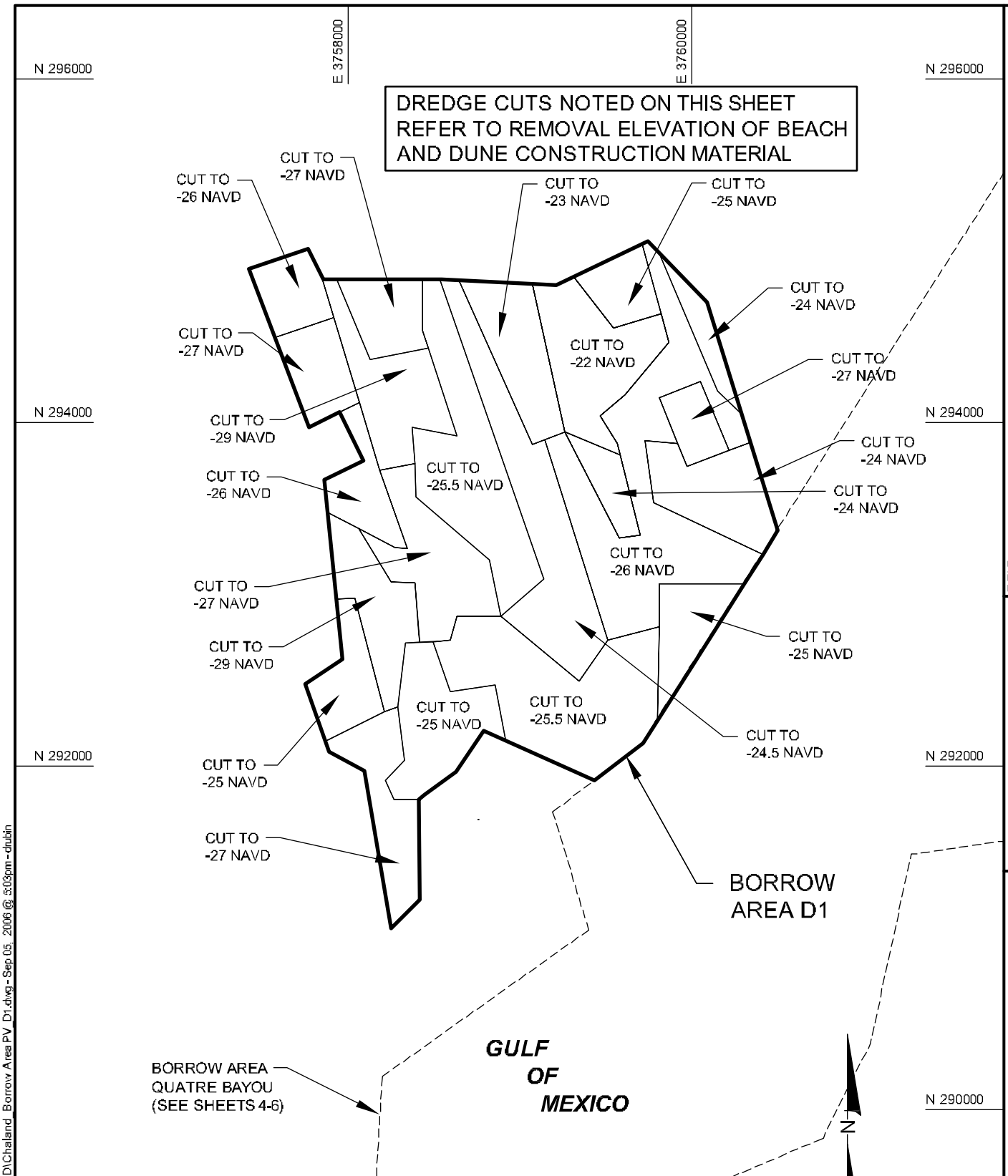

LEGEND:

D1-E' CROSS SECTION LABELS

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED IN LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.
4. CONTOURS REPRESENT BOTTOM OF SAND LAYER.

REVISIONS		
DATE	BY	DESCRIPTION

TITLE: CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT BORROW AREA D1 BEACH & DUNE MATERIAL CUT DEPTHS

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

DATE: 7/22/05

BY: JRC

COMM NO.: 7900.05

SHEET: 20

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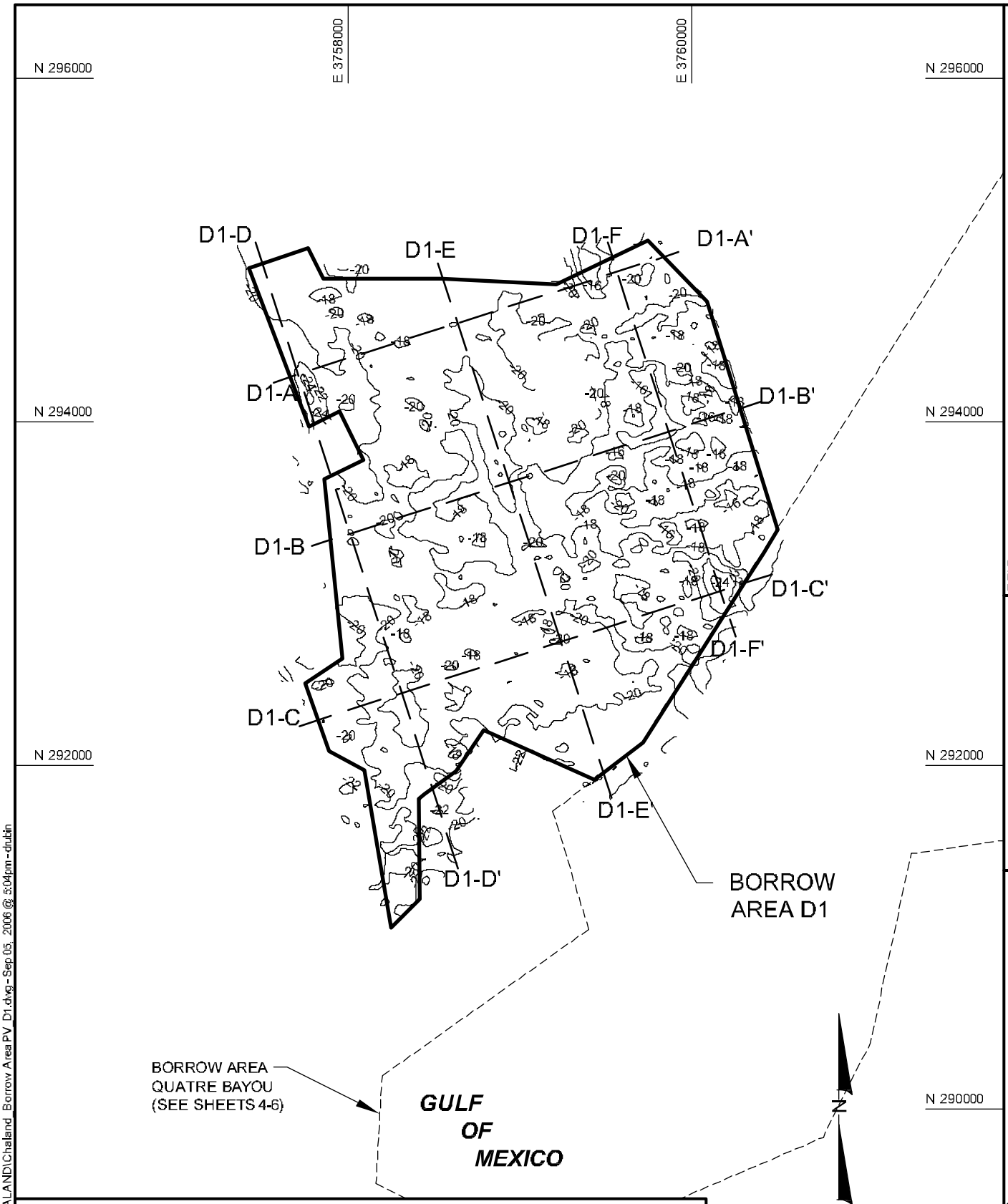

LEGEND:

D1-E' CROSS SECTION LABELS

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND
4. CONTOURS REPRESENT BOTTOM OF SILT/CLAY LAYER AND TOP OF SAND LAYER.

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 SILT/CLAY ELEVATIONS

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

DATE: 7/22/05

BY: JRC

COMM NO.: 7900.05

SHEET: 21

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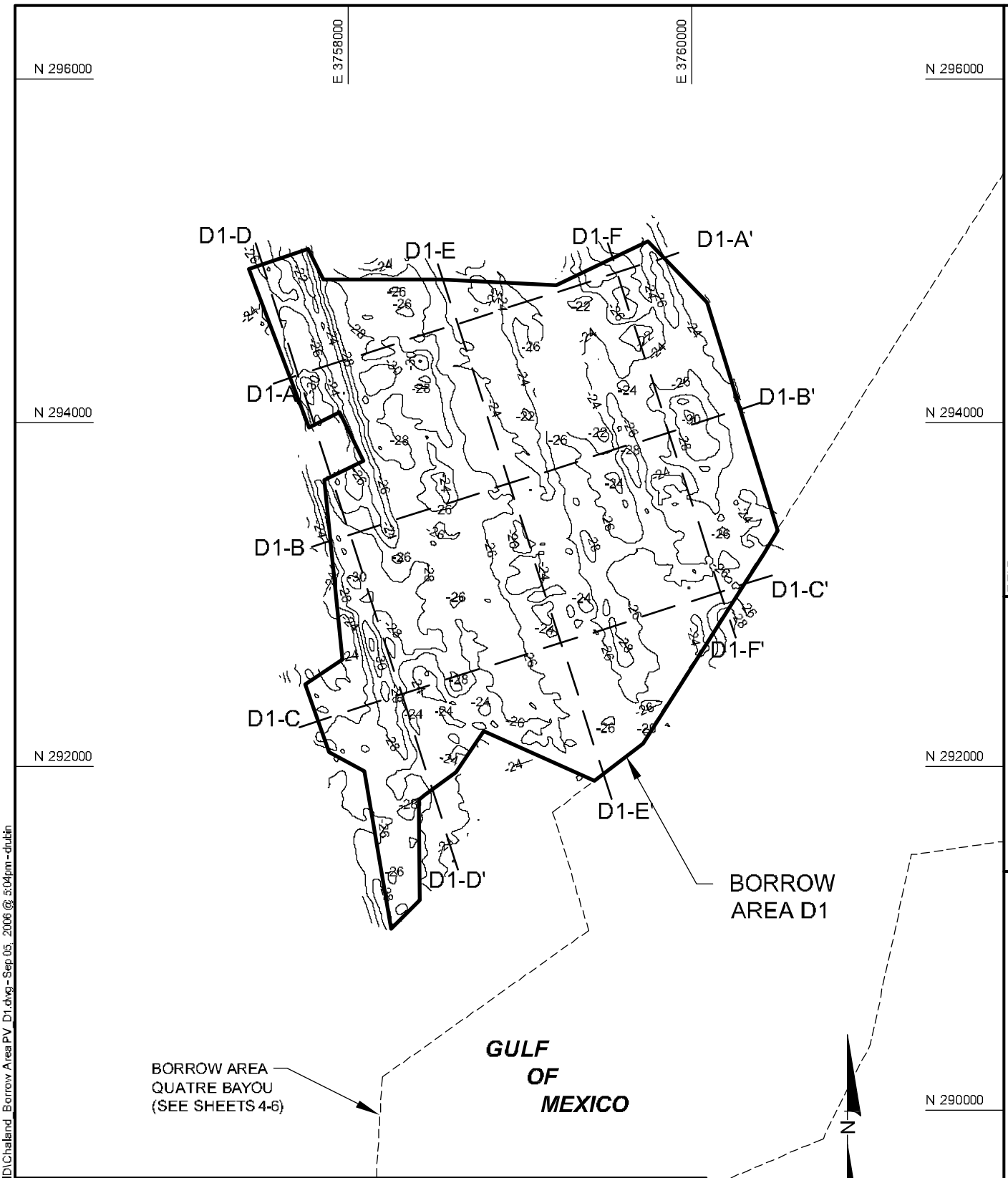

LEGEND:

D1-E' CROSS SECTION LABELS

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.
4. CONTOURS REPRESENT BOTTOM OF SAND LAYER.

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 BEACH & DUNE MATERIAL CONTOURS

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

COASTAL PLANNING & ENGINEERING, INC.
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DATE: 7/22/05

BY: JRC

COMM NO.: 7900.05

SHEET: 22

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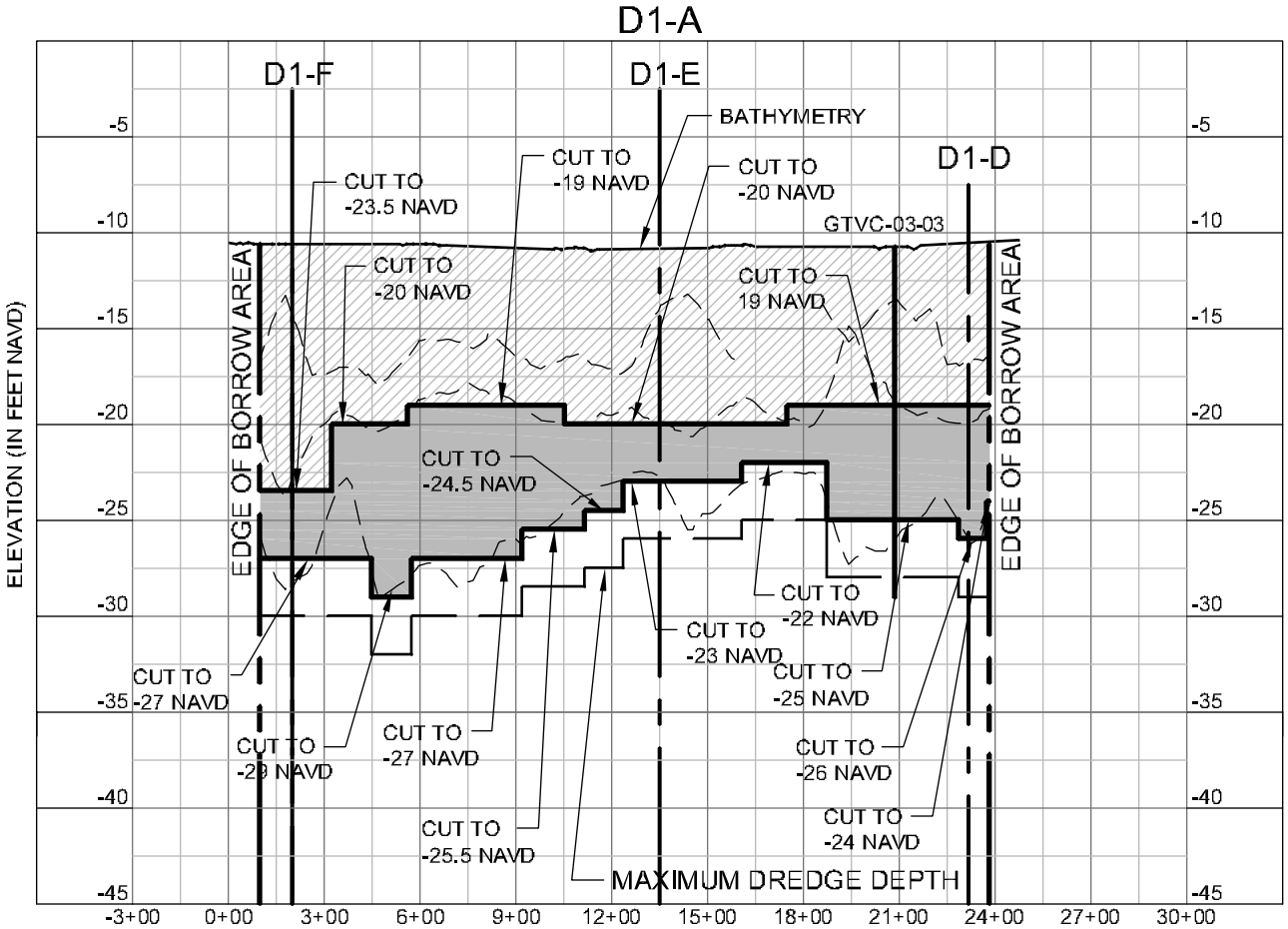


NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. WIDTH OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE PAGES 18, 21 & 22 FOR LOCATION OF CROSS SECTION LINE.
4. MAXIMUM DREDGE DEPTH 3 FEET BELOW DESIGN CUT DEPTH SHOWN.

LEGEND:

MARSH FILL MATERIAL

BEACH FILL MATERIAL

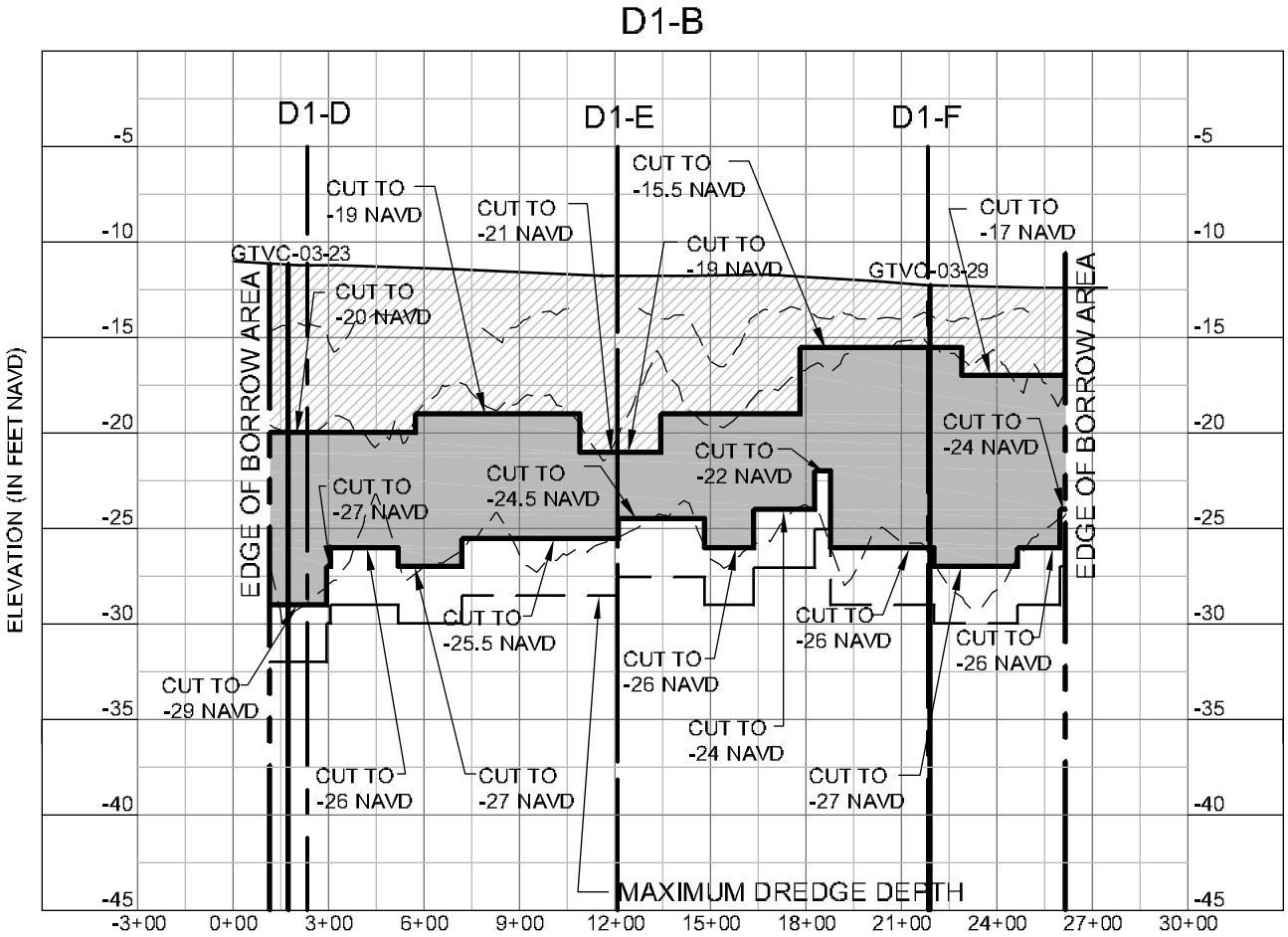
SEISMIC REFLECTOR

SCALE: HORZ. 1" = 600'
VERT. 1" = 10'

REVISIONS		
DESCRIPTION	BY	DATE
BORROW AREA D1 ADDED	STR	09/05/06

SHEET: 23	COMM NO.: 7900.05	BY: JRC	DATE: 7/22/05	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT BORROW AREA D1 CROSS SECTON D1-A**



NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. WIDTH OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE PAGES 18, 21 & 22 FOR LOCATION OF CROSS SECTION LINE.
4. MAXIMUM DREDGE DEPTH 3 FEET BELOW DESIGN CUT DEPTH SHOWN.

LEGEND:

MARSH FILL MATERIAL

BEACH FILL MATERIAL

SEISMIC REFLECTOR

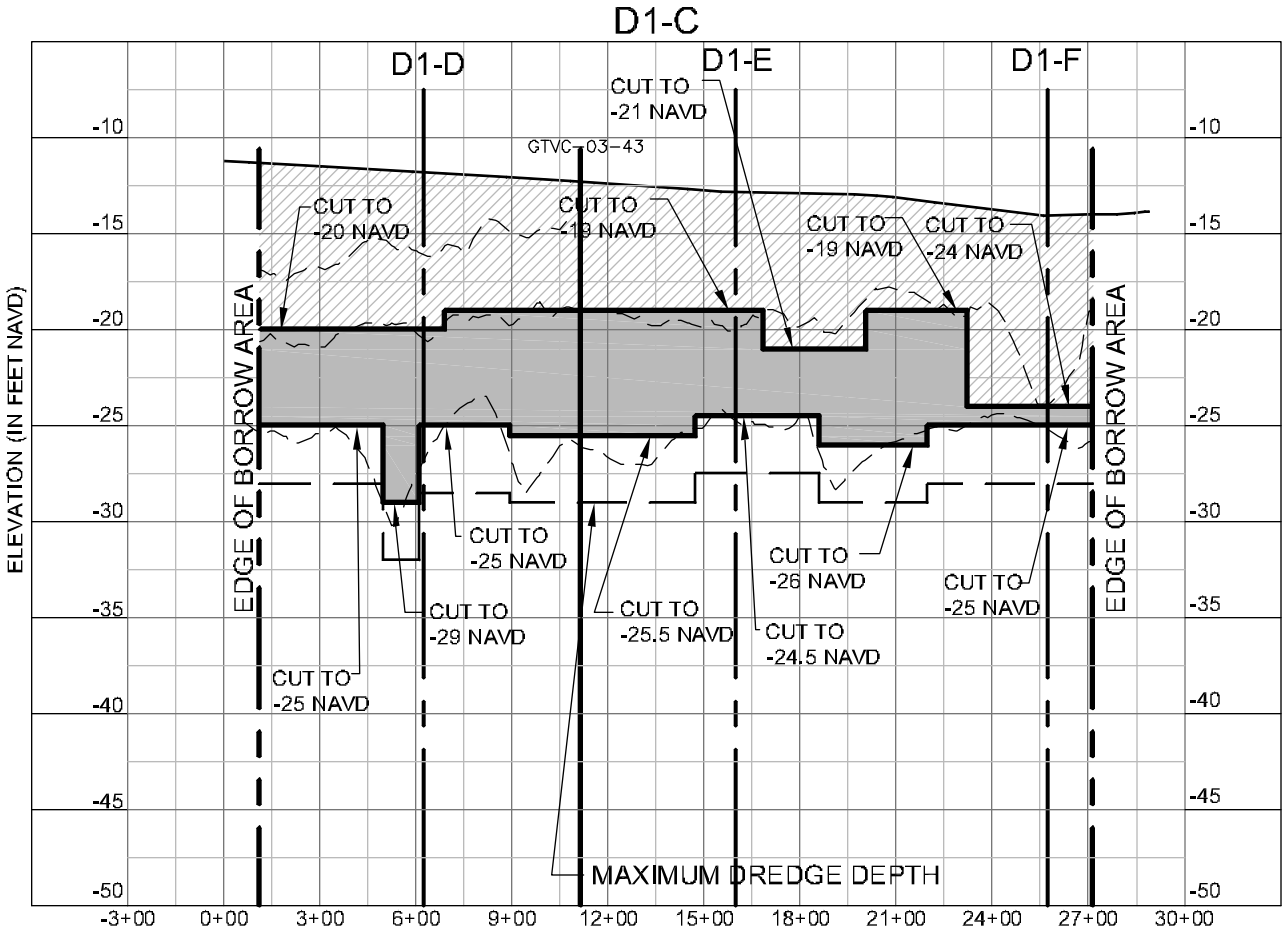
SCALE: HORZ. 1" = 600'
VERT. 1" = 10'

REVISIONS		
DESCRIPTION	BY	DATE
BORROW AREA D1 ADDED	STR	09/05/06

SHEET: 24	COMM NO.: 7900.05	BY: JRC	DATE: 7/22/05	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116

TITLE:

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 CROSS SECTON D1-B



NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. WIDTH OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE PAGES 18, 21 & 22 FOR LOCATION OF CROSS SECTION LINE.
4. MAXIMUM DREDGE DEPTH 3 FEET BELOW DESIGN CUT DEPTH SHOWN.

LEGEND:

MARSH FILL MATERIAL

BEACH FILL MATERIAL

SEISMIC REFLECTOR

SCALE: HORZ. 1" = 600'
VERT. 1" = 10'

REVISIONS		
DESCRIPTION	BY	DATE
BORROW AREA D1 ADDED	STR	09/05/06

SHEET: 25	COMM NO.: 7900.05	BY: JRC	DATE: 7/22/05	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net

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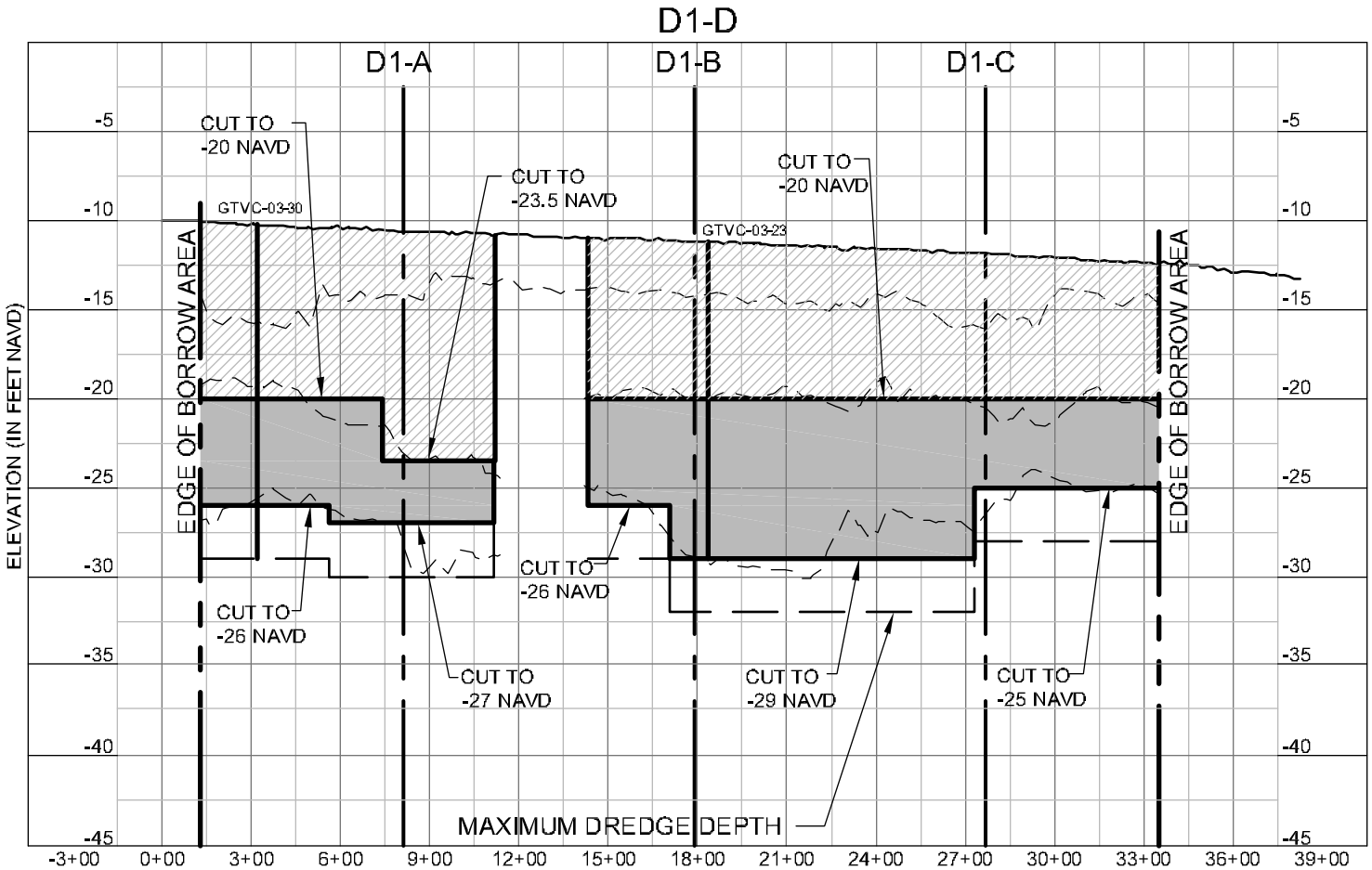
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 CROSS SECTON D1-C



NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. WIDTH OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE PAGES 18, 21 & 22 FOR LOCATION OF CROSS SECTION LINE.
4. MAXIMUM DREDGE DEPTH 3 FEET BELOW DESIGN CUT DEPTH SHOWN.

LEGEND:

- MARSH FILL MATERIAL
- BEACH FILL MATERIAL
- SEISMIC REFLECTOR

SCALE: HORZ. 1" = 600'
VERT. 1" = 10'

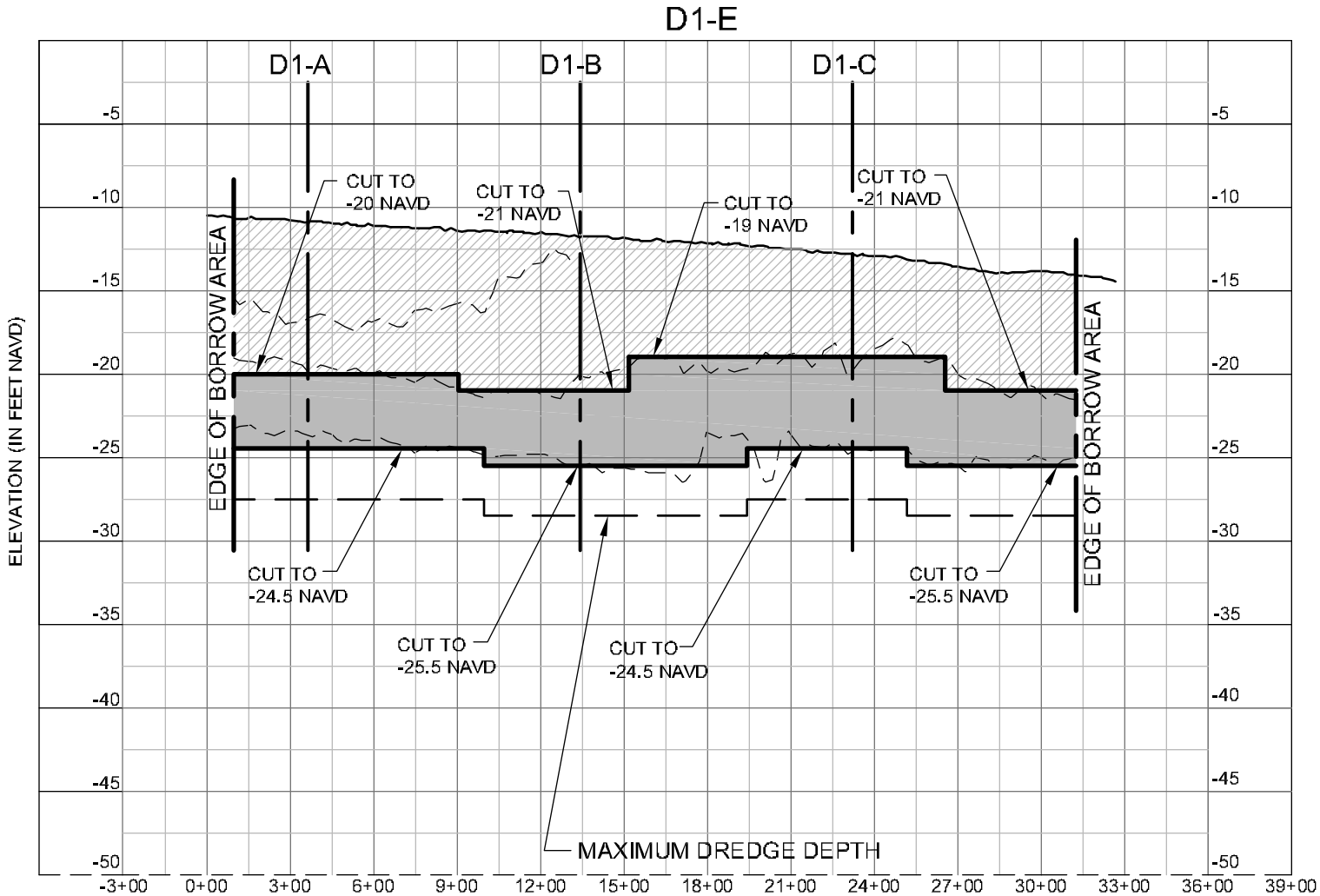
REVISIONS		
DESCRIPTION	BY	DATE
BORROW AREA D1 ADDED	str	09/05/06

COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net
2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

SHEET:	COMM NO.:	BY:	DATE:
26	7900.05	JRC	7/22/05

TITLE:

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 CROSS SECTON D1-D



NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. WIDTH OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE PAGES 18, 21 & 22 FOR LOCATION OF CROSS SECTION LINE.
4. MAXIMUM DREDGE DEPTH 3 FEET BELOW DESIGN CUT DEPTH SHOWN.

LEGEND:

MARSH FILL MATERIAL

BEACH FILL MATERIAL

SEISMIC REFLECTOR

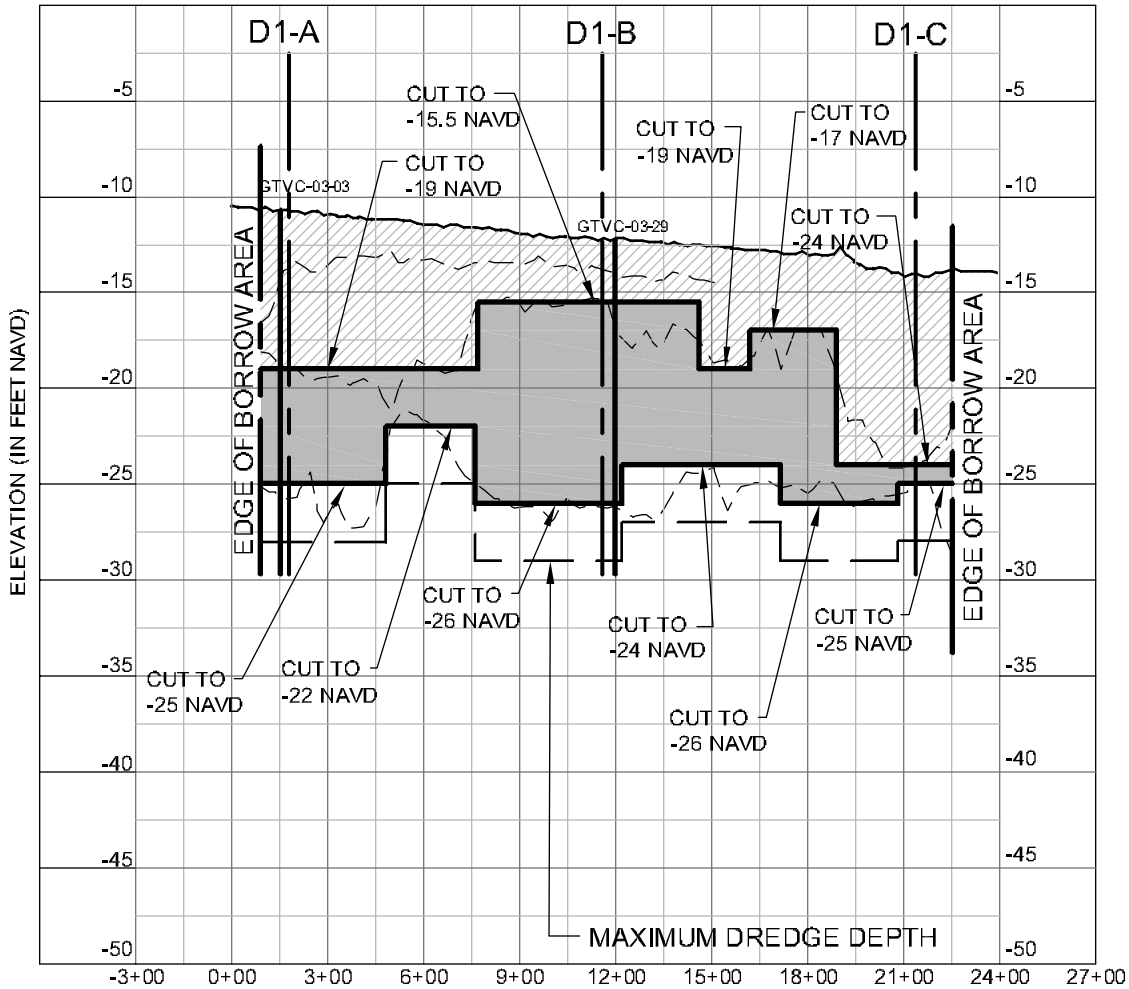
SCALE: HORZ. 1" = 600'
VERT. 1" = 10'

REVISIONS		
DESCRIPTION	BY	DATE
BORROW AREA D1 ADDED	STR	09/05/06

SHEET: 27	COMM NO.: 7900.05	BY: JRC	DATE: 7/22/05	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT BORROW AREA D1 CROSS SECTON D1-E**

D1-F



NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. WIDTH OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE PAGES 18, 21 & 22 FOR LOCATION OF CROSS SECTION LINE.
4. MAXIMUM DREDGE DEPTH 3 FEET BELOW DESIGN CUT DEPTH SHOWN.

LEGEND:

MARSH FILL MATERIAL

BEACH FILL MATERIAL

SEISMIC REFLECTOR

SCALE: HORZ. 1" = 600'
VERT. 1" = 10'

REVISIONS		
DESCRIPTION	BY	DATE
BORROW AREA D1 ADDED	STR	09/05/06

SHEET: 28
COMM NO.: 7900.05
BY: JRC
DATE: 7/22/05

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2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

TITLE:
CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 CROSS SECTON D1-F

APPENDIX O

CONSTRUCTION PLANS AND SPECIFICATIONS

SOLICITATION, OFFER, AND AWARD *(Construction, Alteration, or Repair)*	1. Solicitation No. WC133F-05-RB-1021	2. Type of Solicitation [X] Sealed Bid (IFB) [ ] Negotiated (RFP)	3. Date Issued Jun 16, 2005	Page of Pages 1 of 35

IMPORTANT – The "offer" section on the reverse must be fully completed by offeror.

4. Contract No.	5. Requisition/Purchase Request No. NAAJ8700-5-00026	6. Project No.

7. Issued By Code AJ830023	8. Address Offer to**See Para. L19 for add. info** Code
U.S. DEPT OF COMMERCE/NOAA CENTRAL REGION ACQUISITION DIVISION 601 EAST 12TH STREET, RM. 1756 KANSAS CITY, MO 64106	DOC/NOAA/NMFS ATTN: RACHEL SWEENEY C/O LOUISIANA STATE UNIVERSITY MILITARY SCIENCE BUILDING, ROOM 266 BATON ROUGE, LA 70803-7535

9. For Information Call:	A. Name	B. Telephone No. *(Include area code) (No Collect Calls)*
	JEAN M. JENNINGS (ID JMJ)	816-426-7458 jeanie.j.jennings@noaa.gov

SOLICITATION

NOTE: In sealed bid solicitation "offer" and "offeror" mean "bid" and "bidder"

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS: ***(Title, Identifying No., Date)***

DREDGING FOR THE CONSTRUCTION OF CHALAND HEADLAND RESTORATION PROJECT, GULF OF MEXICO, LOUISIANA

The Contractor shall furnish all submittals, labor, material, equipment and supervision to Dredge the Chaland Headland Restoration (BA 38-2) CWPPRA Project. This restoration project consists of the dredging and placement of approximately 950,200 cubic yards of marsh fill and 1,792,200 cubic yards of beach and dune fill to be borrowed from a designated site in the Gulf of Mexico. Project features also include the construction of about 20,294 linear feet of containment dikeage and closure of a tidal breach along this 2.5 mile barrier shoreline. Project specifications require the construction of about 219 acres of marsh platform on the bay side of the island at an elevation of +2.5 feet NAVD. Project Specifications also require the construction of about 14,000 linear feet of dune to an elevation of +6 feet NAVD with a crest width of approximately 280 feet and placement of beach fill on the gulf side of the island. The slope of the beach and dune fill template is one (1) foot vertical to forty-five (45) feet horizontal along both the bay and gulf sides of the dune.

The estimate construction cost if this project is over $10 Million.

THIS PROCUREMENT IS UNRESTRICTED. The NAICS code is 237990.

11. The Contractor shall begin performance within 7 calendar days and complete it within 235 calendar days after receiving the
[ ] Award, [X] notice to proceed. This performance period is [X] mandatory [ ] negotiable. *(See page 11, paragraph F.2)*

12A. The Contractor must furnish any required performance and payment bonds? *(If "YES", indicate within how many calendar days after award in item 12B.)* [X] Yes [ ] No	12B. Calendar Days 7

13. Additional Solicitation Requirements:

A. Sealed offers in original and 2 copies to perform the work required are due at the place specified in Item 8 by 02:00 PM (hour) local time Jul 19, 2005 (date). If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

B. An offer guarantee [X] is [ ] Is not required.

C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

D. Offers providing less than 60 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER (Must be fully completed by offeror)

14. Name and Address of Offeror (Include ZIP Code)	15. Telephone No. (Include are code)
	15. Remittance Address (Include on it different than Item 14)
Code Facility Code	

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this is accepted by the Government in writing within _____ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum.

AMOUNTS	

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGEMENT OF AMENDMENTS
(The offeror acknowledges receipt of amendment to the solicitation - give number and data of each)

AMENDMENT No.										
DATE										

20A NAME,TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or Print)	20B. SIGNATURE	20c. OFFER DATE

AWARD (to be completed by Government)

21. ITEM(S) ACCEPTED

22. Amount $	23. Accounting and Appropriation Data	
24. Submit Invoices to Address shown above (4 copies unless otherwise specified)	Item	25. Other Than full and open competition pursuant to ☐ 10 U.S.C. 2304(c) ( ) ☐ 41 U.S.C 253 (c) ( )
26. Administered by		Payment will be made by

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

☐ 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return copies to issuing office) Contractor agrees to furnish and deliver all items or perform all work, requisition stated in this contract. The rights and obligation s of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and(c) the clauses, representations certifications, and specifications incorporated by reference in or attached to this contract.		☐ 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation, is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.	
30A. Name and Title of Contractor or Person authorized		31A. Name of Contracting Officer (Type or Print)	
30b. Signature	30C. Date	31B. United States of America By	31C. Award Date

Supplies or Services and Prices/Costs

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	BID SCHEDULE FOR CHALAND ISLAND				
0001	MOBILIZATION/DEMOBILIZATION	1	LS	_____	_____
0002	PERFORMANCE AND PAYMENT BONDS	1	LS	_____	_____
0003	ISLAND BREACH CLOSURE	1	LS	_____	_____
0004	DUNE AND BEACH FILL	1,792,200	CY	_____	_____
0005	MARSH FILL	950,200	CY	_____	_____
0006	PRIMARY DIKES	20,294	LF	_____	_____
0007	OIL INFRASTRUCTION ACCESS CANAL DREDGING	2,960	LF	_____	_____
0008	CANAL CLOSURES	3	EA	_____	_____
0009	SAND FENCING	27,390	LF	_____	_____
0010	SETTLEMENT PLATES	7	EA	_____	_____
0011	SIGNS	5	EA	_____	_____
0012	PRE-CONSTRUCTION SURVEY	1	JB	_____	_____
0013	AS-BUILT SURVEY	1	JB	_____	_____

NOTES:

1) If a modification to a bid is submitted that provides for a lump sum adjustment to the total cost, the application of the lump sum adjustment to each price in the Bidding Schedule must be stated. If it is not stated, the bidder agrees that the lump sum adjustment shall be applied on a pro rata basis to every price in the Bidding Schedule.

2) Bidders's attention is directed to FAR 14.407-2 Apparent Clerical Mistakes for procedures, which will be followed for correction of errors in the bid, if necessary.

3) Bidder's attention is direct to the General Conditions for special provisions pertaining to this solicitation.

4) Bidder's attention is direct to the FAR 52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN wherein the apparent low bidder, if other than a small business, is required to submit a Small Business and Small Disadvantaged Business Subcontracting Plan. Further attention is directed to www.commerce.gov/osdbu (click on Subcontracting and click on Subcontracting Plan Outline.) A copy of the subcontracting plan outline is attached in Section J of this solicitation for assistance with the small business-subcontracting plan. The following are the subcontracting goals recommend for this solicitation.

a. 44% of all subcontracting dollars awarded to Small Business
b. 16% of all subcontracting dollars awarded to Small Disadvantaged Business
c. 8% of all subcontracting dollars awarded to women-owned business
d. 3% of all subcontracting dollars awarded to HUBZone contractors
e. 3% of all subcontracting dollars awarded to Veteran owned business
f. 3% of all subcontracting dollars awarded to Service Disabled Veteran-owned business

Contractors are also encouraged to mentor at least one veteran or service disabled veteran-owned small business. Approval of the Small Business and Small Disadvantaged Business Subcontracting Plan is required by the Contracting Officer prior to award of the contract.

5) The general outline of the principal features of each bid item as listed does not in any way limit the responsibility of the bidder for making a thorough investigation of the drawings and specifications to determine the scope of work included in each item.

6) The Bidder's attention is further directed to Section L.3 Submission of Bids, L18 Submission of Bids and L.19 Location for Submission of Bids and Bid Opening Information.

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B.1 1352.216-70 CONTRACT TYPE (MARCH 2000)

This is a FIRM FIXED PRICE type construction contract.

B.2 FIELD OFFICE OVERHEAD (Applies to All Price Schedules)

NOTICE TO BIDDERS: In order for a bid to be responsive, the bidder must declare below the single accounting practice that the bidder will apply to this contract to calculate field office overhead for all change orders, modifications and requests for equitable adjustment. Pursuant to Federal Acquisition Regulations (FAR) Parts 31.105(a)(3) and 31.203(d)(1), an accounting practice that varies from modification to modification is not allowable. Selection one of the following:

1. TIME DISTRIBUTION BASE FOR A PER DIEM RATE
   If you use this practice, see Special Contract Requirements, Paragraph H.10 "Field Office Overhead Per Diem Rate". _____

2. DIRECT COST DISTRIBUTION BASE FOR A PERCENTAGE MARKUP
   If you use this practice, see Special Contract Requirements, Paragraph H.11 "Field Office Overhead Percentage Markup". _____

3. OTHER ACCOUNTING PRACTICE THAT IS ALLOWABLE UNDER THE FAR AND THAT USES A SINGLE DISTRIBUTION BASE. _____

If you choose 3, you must describe the accounting practice in sufficient detail below to allow the contracting officer to determine what accounting practice is being utilized by your company and that it complies with the FAR.

_____

_____

_____

FAILURE TO FULLY COMPLY WITH THE ABOVE REQUIREMENT OR IF ALTERNATIVE 3 IS DECLARED AND YOUR DESCRIPTION DOES NOT CLEARLY STATE OR DESCRIBE A CONSISTENT ACCOUNTING PRACTICE USING A SINGLE DISTRIBUION BASE, WILL BE CAUSE FOR YOUR BID TO BE RJECTED AS NON-RESPONSIVE.

C.1 1352.211-70 STATEMENT OF WORK/SPECIFICATIONS (MARCH 2000)

The Contractor shall furnish the necessary personnel, material, equipment, services and facilities (except as otherwise specified): to perform the Statement of Work/Specifications referenced as an attachment in Section J.

C.2 1352.217-102 GOVERNMENT REVIEW, COMMENT, ACCEPTANCE, AND APPROVAL (JAN 1987)

(a) Documentation, including drawings and other engineering products and reports, required by the contract to be submitted for review, comment, acceptance or approval will be acted upon by the Government within 30 calendar days after receipt by the Government, unless another period of time is specified.

(b) Review, comment, acceptance or approval by the Government as required under this contract and applicable specifications shall not relieve the Contractor of its obligation to comply with the specifications and with all other requirements of the contract, nor shall it impose upon the Government any liability it would not have had in the absence of such review, comment and acceptance or approval.

(End of Clause)

C.3 1352.237-70 REPORTS (MARCH 2000) **See Specifications for list of required reports.**

a. Progress Reports

The Contractor shall submit, to the Government, a progress report every 3 month(s) after the effective date of the contract, and every 3 months thereafter during the period of performance. The Contractor shall prepare a progress report advising of the work completed during the performance period, the work forecast for the following period, and the names, titles and number of hours expended for each of the Contractor's professional personnel assigned to the contract, including officials of the Contractor. The report shall also include any additional information--including findings and recommendations--that may assist the Government in evaluating progress under this contract. The first report shall include a detailed work outline of the project and the Contractor's planned phasing of work by reporting period.

b. Final Report

Within ____**____ days of completion of the performance period, the Contractor shall submit, to the Government, a comprehensive draft report containing the Contractor's findings and recommendations. The report shall conform to the requirements of the contract, and include all necessary data, maps and exhibits to support findings and recommendations. It shall include a recapitulation of the amount of hours expended by each of the Contractor's employees, including officials of the Contractor. The report shall also include a brief summary, including short statements on the project's objectives, scope, methodology, information obtained, and conclusions. The Government will review the draft and return it to the Contractor within thirty (30) days after receipt with comments and instructions for a format to be used in the preparation of the final report. The Contractor shall incorporate the comments into a final report and furnish the Government with __**_____ copies upon contract completion.

c. In the event the Government does not return the draft copy of the report to the Contractor within the prescribed period, the Contractor shall be permitted an extra day for each day of delay caused by the Government. The Government shall not be liable for increased costs by reason of any such delay.

D.1 1352.247-72 MARKING DELIVERABLES (MARCH 2000)

The contract number shall be placed on or adjacent to all exterior mailing or shipping labels of deliverable items called for by the contract, except for reports.

Mark deliverables, except for reports, for:

**Will be inserted at time of contract award

E.1 52.246-12 INSPECTION OF CONSTRUCTION (AUG 1996)
(Reference)

F.1 52.242-14 SUSPENSION OF WORK (APR 1984)
(Reference)

F.2 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to
(a) commence work under this contract within 7 calendar days after the date the Contractor receives the notice to proceed,
(b) prosecute the work diligently, and
(c) complete the entire work ready for use not later than 235 calendar days after receipt of the notice to proceed. The time stated for completion shall include final cleanup of the premises.

(End of clause)

F.3 52.211-12 LIQUIDATED DAMAGES--CONSTRUCTION (SEPT 2000)

(a) If the Contractor fails to complete the work within the time specified in the contract, the Contractor shall pay liquidated damages to the Government in the amount of $3,081.00 for each calendar day of delay until the work is completed or accepted.
(b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Termination clause.

(End of clause)

G.1 1352.201-70 CONTRACTING OFFICER'S AUTHORITY (MARCH 2000)

The Contracting Officer is the only person authorized to make or approve any changes in any of the requirements of this contract and notwithstanding any provisions contained elsewhere in this contract, the said authority remains solely in the Contracting Officer. In the event the Contractor makes any changes at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract terms and conditions, including price.

G.2 1352.201-71 CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) (FEBRUARY 2005) **To be determined at time of contract award.**

a. ** is hereby designated as the Contracting Officer's Technical Representative (COTR). The COTR may be changed at any time by the Government without prior notice to the Contractor by a unilateral modification to the Contract. The COTR is located at:

_____
_____
_____
_____
_____

b. The responsibilities and limitations of the COTR are as follows:

(1) The COTR is responsible for the technical aspects of the project and serves as technical liaison with the Contractor. The COTR is also responsible for the final inspection and acceptance of all reports, and such other responsibilities as may be specified in the contract.

(2) The COTR is not authorized to make any commitments or otherwise obligate the Government or authorize any changes which affect the Contract price, terms or conditions. Any Contractor request for changes shall be referred to the Contracting Officer directly or through the COTR. No such changes shall be made without the expressed prior authorization of the Contracting Officer (CO). The CO may designate assistant or alternate COTR(s) to act for the COTR by naming such assistant/alternate(s) in writing and transmitting a copy of such designation to the Contractor.

H.1 1352.208-70 PRINTING (MARCH 2000)

Unless otherwise specified in this contract, the Contractor shall not engage in, or subcontract for, any printing (as that term is defined in Title I of the Government Printing and Binding Regulations in effect on the effective date of this contract) in connection with performing under this contract. Provided, however, that performing a requirement under this contract involving the duplicating of less than 5,000 units of only one page, or less than 25,000 units in the aggregate of multiple pages, such pages are not exceeding a maximum image size of 10 and 3/4 inches by 14 and 1/4 inches, will not be deemed printing.

H.2 1352.209-71 ORGANIZATIONAL CONFLICT OF INTEREST (MARCH 2000)

(a) The Contractor warrants that, to the best of the Contractor's knowledge and belief, there are no relevant facts or circumstances which would give rise to an organizational conflict of interest, as defined in FAR Subpart 9.5, or that the Contractor has disclosed all such relevant information.
(b) The Contractor agrees that if an actual or potential organizational conflict of interest is discovered after award, the Contractor will make a full disclosure in writing to the Contracting Officer. This disclosure shall include a description of actions which the Contractor has taken or proposes to take, after consultation with the Contracting Officer, to avoid, mitigate, or neutralize the actual or potential conflict.
(c) Remedies - The Contracting Officer may terminate this contract for convenience, in whole or in part, if it deems such termination necessary to avoid an organizational conflict of interest. If the Contractor was aware of a potential organizational conflict of interest prior to award or discovered an actual or potential conflict after award and did not disclose or misrepresented relevant information to the Contracting Officer, the Government may terminate the contract for default, debar the Contractor from Government contracting, or pursue such other remedies as may be permitted by law or this contract.
(d) The Contractor further agrees to insert provisions which shall conform substantially to the language of this clause, including this paragraph (d), in any subcontract or consultant agreement hereunder.

H.3 1352.209-72 RESTRICTIONS AGAINST DISCLOSURE (MARCH 2000)

a. The Contractor agrees, in the performance of this contract, to keep the information furnished by the Government and designated by the Contracting Officer or Contracting Officer's Technical Representative in the strictest confidence. The Contractor also agrees not to publish or otherwise divulge such information in whole or in part, in any manner or form, nor to authorize or permit others to do so, taking such reasonable measures as are necessary to restrict access to such information while in the Contractor's possession, to those employees needing such information to perform the work provided herein, i.e., on a "need to know" basis. The Contractor agrees to immediately notify the Contracting Officer in writing in the event that the Contractor determines or has reason to suspect a breach of this requirement.
b. The Contractor agrees that it will not disclose any information described in Subsection A to any persons or individual unless prior written approval is obtained from the Contracting Officer. The Contractor agrees to insert the substance of this clause in any consultant agreement or subcontract hereunder.

H.4 1352.209-73 COMPLIANCE WITH THE LAWS (MARCH 2000)

The Contractor shall comply with all applicable laws and rules and regulations having the force of law which deal with or relate to performance hereunder or the employment by the Contractor of the employees.

H. 5 FIELD OFFICE OVERHEAD PER DIEM RATE

If any change to the contract, issued pursuant to the Changes Clause or otherwise, for which the Government is responsible, causes an increase or decrease in the Contractor's cost of, or the time required for, performance under the contract, the Contracting Officer shall make an equitable adjustment and modify the contract in writing.

Under such equitable adjustment, no payment of field office overhead shall be allowed for any changes when the completion of the contract is not extended by reason of the change, except the Contractor may be reimbursed any variable expense it incurs due to the change, provided it can substantiate the variables. The Contractor shall be reimbursed for field office overhead on a per diem basis when the completion of the contract is extended by reason of the change issued under the contract, except the Default Clause. Equitable adjustment shall be made for the costs, which are incurred or are to be incurred due to the change. The Contractor shall provide a detailed breakdown of its proposed increase or decrease of costs.

H. 6 FIELD OFFICE OVERHEAD PERCENTAGE MARKUP

If any change to the contract, issued pursuant to the Changes Clause or otherwise, for which the Government is responsible, causes an increase or decrease in the contractor's cost of, or the time required for, performance under the contract, the Contracting Officer shall make an equitable adjustment and modify the contract in writing.

Under such equitable adjustment, no per diem rate for field office overhead shall be allowed if the Contractor has elected a percentage markup in keeping with its standard accounting practices. In such a case, payment of field office overhead shall be allowed for change on a percentage markup basis regardless of whether the completion of the contract is or is not extended by reason of the change, except for modifications issued pursuant to the Default Clause. Contractor shall provide a detailed breakdown of its proposed increase or decrease of costs.

H.7 1352.228-70 INSURANCE COVERAGE (MARCH 2000)

The Contractor will be required to present evidence to show, as a minimum, the amounts of insurance coverage indicated below:

a. Workers Compensation and Employer's Liability. The Contractor is required to comply with applicable federal and state workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when contract operations are so commingled with a Contractor's commercial operations that it would not be practical to require this coverage. Employer's liability coverage of at least $100,000 shall be required, except in states with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.

b. General Liability.

(1) The Contractor shall have bodily injury liability insurance coverage written on the comprehensive form of policy of at least $500,000 per occurrence.

(2) Property Damage Liability Insurance shall be required in the amount of $500,000.00.

c. Automobile Liability. The Contractor shall have automobile liability insurance written on the comprehensive form of policy. The policy shall provide for bodily injury and property damage liability covering the operation of all

automobiles used in connection with performing the contract. Policies covering automobiles operated in the United States shall provide coverage of at least $200,000 per person and $500,000 per occurrence for bodily injury and $20,000 per occurrence for property damage.

d. Aircraft Public and Passenger Liability. When aircraft are used in connection with performing the contract, the Contractor shall have aircraft public and passenger liability insurance. Coverage shall be at least $200,000 per person and $500,000 per occurrence for bodily injury, other than passenger liability, and $200,000 per occurrence for property damage. Coverage for passenger liability bodily injury shall be at least $200,000 multiplied by the number of seats or passengers, whichever is greater.

e. Vessel liability. When contract performance involves use of vessels, the contracting officer shall require, as determined by the agency, vessel collision liability and protection and indemnity liability insurance.

H.8 1352.228-72 DEDUCTIBLES UNDER REQUIRED INSURANCE COVERAGE (MARCH 2000)

When the Government is injured, wholly or partially as a result of the Contractor's actions and such actions are covered by the insurance required by 1352.228-70, Insurance Coverage, the Government is entitled to recover from the Contractor the full amount of any such injury attributable to the Contractor regardless of an deductible. The Contracting Officer may offset the amount of recovery against any payment due to the Contractor.

H.9 1352.233-70 HARMLESS FROM LIABILITY (MARCH 2000)

The Contractor shall hold and save the Government, its officers, agents, and employees harmless from liability of any nature or kind, including costs and expenses to which they may be subject to or on account of any or all suits or damages of any character whatsoever resulting from injuries or damages sustained by any person or persons or property by virtue of performance of this contract, arising or resulting in whole or in part from the fault, negligence, wrongful act or wrongful omission of the contractor, or any subcontractor, their employees, and agents.

H.10 1352.237-73 KEY PERSONNEL (MARCH 2000)

a. The Contractor shall assign to this contract the following Key Personnel:

Project Superintendent
Project/Program Manager

b. The Contractor shall obtain the consent of the Contracting Officer prior to making Key Personnel substitutions. Replacements for Key Personnel must possess qualifications equal to or exceeding the qualifications of the personnel being replaced specified.

c. Requests for changes shall be submitted to the Contracting Officer at least 15 working days prior to making any permanent substitutions. The request should contain a detailed explanation of the circumstances necessitating the proposed substitutions, complete resumes for the proposed substitutes, and any additional information requested by the Contracting Officer. The Contracting Officer will notify the Contractor within 10 working days after receipt of all required information of the decision on substitutions. The contract will be modified to reflect any approved changes.

H.11 1352.252-70 REGULATORY NOTICE (MARCH 2000)

Contractors are advised that certain provisions and clauses identified with a Commerce Acquisition Regulation (CAR) notation for identification purposes, have not yet been incorporated into the CAR. However, all of these items are binding

for this acquisition and will eventually be contained in the CAR at Part 13 of Title 48 of the Code of Federal Regulations.

I.1 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): http://www.arnet.gov/far

(End of clause)

I.2 52.202-1 DEFINITIONS (JUL 2004)
(Reference)

I.3 52.203-3 GRATUITIES (APR 1984)
(Reference)

I.4 52.203-5 COVENANT AGAINST CONTINGENT FEES (APR 1984)
(Reference)

I.5 52.203-6 RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1995)
(Reference)

I.6 52.203-7 ANTI-KICKBACK PROCEDURES (JUL 1995)
(Reference)

I.7 52.203-8 CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997)
(Reference)

I.8 52.203-10 PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997)
(Reference)

I.9 52.203-12 LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JUN 2003)
(Reference)

I.10 52.204-4 PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER (AUG 2000)
(Reference)

I.11 52.204-7 CENTRAL CONTRACTOR REGISTRATION (OCT 2003)
(Reference)

I.12 52.209-6 PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (Jan 2005)
(Reference)

I.13 52.211-18 VARIATION IN ESTIMATED QUANTITY (APR 1984)
(Reference)

I.14 52.214-26 AUDIT AND RECORDS--SEALED BIDDING (OCT 1997)
(Reference)

I.15 52.214-27 PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA--MODIFICATIONS-- SEALED BIDDING (OCT 1997)
(Reference)

I.16 52.214-28 SUBCONTRACTOR COST OR PRICING DATA--MODIFICATIONS--SEALED BIDDING (OCT 1997)
(Reference)

I.17 52.214-29 ORDER OF PRECEDENCE--SEALED BIDDING (JAN 1986)
(Reference)

I.18 52.215-15 PENSION ADJUSTMENTS AND ASSET REVERSIONS (JAN 2004)
(Reference)

I.19 52.215-18 REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS (OCT 1997)
(Reference)

I.20 52.215-19 NOTIFICATION OF OWNERSHIP CHANGES (OCT 1997)
(Reference)

I.21 52.215-21 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS (OCT 1997)
(Reference)

I.22 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS (MAY 2004)
(Reference)

I.23 52.219-9 I SMALL BUSINESS SUBCONTRACTING PLAN (JAN 2002)--ALTERNATE I (OCT 2001)
(Reference)

I.24 52.219-16 LIQUIDATED DAMAGES--SUBCONTRACTING PLAN (JAN 1999)
(Reference)

I.25 52.222-3 CONVICT LABOR (JUNE 2003)
(Reference)

I.26 52.222-4 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT--OVERTIME COMPENSATION (JULY 2005)
(Reference)

I.27 52.222-5 DAVIS BACON ACT - SECONDARY SITE OF WORK (JUNE 2005)
(Reference)

I.28 52.222-6 DAVIS-BACON ACT (JULY 2005)
(Reference)

I.29 52.222-7 WITHHOLDING OF FUNDS (FEB 1988)
(Reference)

I.30 52.222-8 PAYROLLS AND BASIC RECORDS (FEB 1988)
(Reference)

I.31 52.222-9 APPRENTICES AND TRAINEES (FEB 1988)
(Reference)

I.32 52.222-10 COMPLIANCE WITH COPELAND ACT REQUIREMENTS (FEB 1988)
(Reference)

I.33 52.222-11 SUBCONTRACTS (LABOR STANDARDS) (JULY 2005)
(Reference)

I.34 52.222-12 CONTRACT TERMINATION--DEBARMENT (FEB 1988)
(Reference)

I.35 52.222-13 COMPLIANCE WITH DAVIS-BACON AND RELATED ACT REGULATIONS (FEB 1988)

(Reference)

I.36 52.222-14 DISPUTES CONCERNING LABOR STANDARDS (FEB 1988)
(Reference)

I.37 52.222-15 CERTIFICATION OF ELIGIBILITY (FEB 1988)
(Reference)

I.38 52.222-21 PROHIBITION OF SEGREGATED FACILITIES (FEB 1999)
(Reference)

I.39 52.222-26 EQUAL OPPORTUNITY (APR 2002)
(Reference)

I.40 52.222-27 AFFIRMATIVE ACTION COMPLIANCE REQUIREMENTS FOR CONSTRUCTION (FEB 1999)
(Reference)

I.41 52.222-30 DAVIS-BACON ACT-PRICE ADJUSTMENT (NONE OR SEPARATELY SPECIFIED METHOD) (DEC 2001)
(Reference)

I.42 52.222-35 EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS. [DEC 2001]
(Reference)

I.43 52.222-36 AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUN 1998)
(Reference)

I.44 52.222-37 EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)
(Reference)

I.45 52.222-39 NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES (Dec 2004)
(Reference)

I.46 52.223-6 DRUG-FREE WORKPLACE (MAY 2001)
(Reference)

I.47 52.223-14 TOXIC CHEMICAL RELEASE REPORTING (AUG 2003)
(Reference)

I.48 52.225-13 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (MAR 2005)
(Reference)

I.49 52.227-1 AUTHORIZATION AND CONSENT (JUL 1995)
(Reference)

I.50 52.227-2 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (AUG 1996)
(Reference)

I.51 52.227-4 PATENT INDEMNITY--CONSTRUCTION CONTRACTS (APR 1984)
(Reference)

I.52 52.228-2 ADDITIONAL BOND SECURITY (OCT 1997)
(Reference)

I.53 52.228-11 PLEDGES OF ASSETS (FEB 1992)
(Reference)

I.54 52.228-12 PROSPECTIVE SUBCONTRACTOR REQUESTS FOR BONDS (OCT 1995)
(Reference)

I.55 52.228-14 IRREVOCABLE LETTER OF CREDIT (DEC 1999)
(Reference)

I.56 52.228-15 PERFORMANCE AND PAYMENT BONDS--CONSTRUCTION (JULY 2000)
(Reference)

I.57 52.229-3 FEDERAL, STATE, AND LOCAL TAXES (April 2003)
(Reference)

I.58 52.232-5 PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (Sept 2002)
(Reference)

I.59 52.232-17 INTEREST (JUNE 1996)
(Reference)

I.60 52.232-23 ASSIGNMENT OF CLAIMS (JAN 1986)
(Reference)

I.61 52.232-27 PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (OCT 2003)
(Reference)

I.62 52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION (OCT 2003)
(Reference)

I.63 52.233-1 DISPUTES (JUL 2002)
(Reference)

I.64 52.233-3 PROTEST AFTER AWARD (AUG 1996)
(Reference)

I.65 52.233-4 APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM (OCT 2004)
(Reference)

I.66 52.236-2 DIFFERING SITE CONDITIONS (APR 1984)
(Reference)

I.67 52.236-3 SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (APR 1984)
(Reference)

I.68 52.236-5 MATERIAL AND WORKMANSHIP (APR 1984)
(Reference)

I.69 52.236-6 SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)
(Reference)

I.70 52.236-7 PERMITS AND RESPONSIBILITIES (NOV 1991)
(Reference)

I.71 52.236-8 OTHER CONTRACTS (APR 1984)
(Reference)

I.72 52.236-9 PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS (APR 1984)
(Reference)

I.73 52.236-10 OPERATIONS AND STORAGE AREAS (APR 1984)

(Reference)

I.74 52.236-11 USE AND POSSESSION PRIOR TO COMPLETION (APR 1984)
(Reference)

I.75 52.236-12 CLEANING UP (APR 1984)
(Reference)

I.76 52.236-13 I ACCIDENT PREVENTION (NOV 1991)--ALTERNATE I (NOV 1991)
(Reference)

I.77 52.236-15 SCHEDULES FOR CONSTRUCTION CONTRACTS (APR 1984)
(Reference)

I.78 52.236-16 QUANTITY SURVEYS (APR 1984)
(Reference)

I.79 52.236-17 LAYOUT OF WORK (APR 1984)
(Reference)

I.80 52.236-21 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FEB 1997)
(Reference)

I.81 52.236-26 PRECONSTRUCTION CONFERENCE (FEB 1995)
(Reference)

I.82 52.242-13 BANKRUPTCY (JUL 1995)
(Reference)

I.83 52.243-4 CHANGES (AUG 1987)
(Reference)

I.84 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (Dec 2004)
(Reference)

I.85 52.246-21 WARRANTY OF CONSTRUCTION (MAR 1994)
(Reference)

I.86 52.248-3 VALUE ENGINEERING--CONSTRUCTION (FEB 2000)
(Reference)

I.87 52.249-2 I TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (MAY 2004)-- ALTERNATE I (SEP 1996)
(Reference)

I.88 52.249-10 DEFAULT (FIXED-PRICE CONSTRUCTION) (APR 1984)
(Reference)

I.89 52.253-1 COMPUTER GENERATED FORMS (JAN 1991)
(Reference)

I.90 52.225-11 BUY AMERICAN ACT--CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (Jan 2005)

(a) Definitions. As used in this clause--
"Caribbean Basin country construction material" means a construction material that--
(1) Is wholly the growth, product, or manufacture of a Caribbean Basin country; or
(2) In the case of a construction material that consists in whole or in part of materials from another country, has

been substantially transformed in a Caribbean Basin country into a new and different construction material distinct from the materials from which it was transformed.

"Component" means an article, material, or supply incorporated directly into a construction material.

"Construction material" means an article, material, or supply brought to the construction site by the Contractor or subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

"Cost of components" means--

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the construction material.

"Designated country" means any of the following countries:

(1) A World Trade Organization Government Procurement Agreement country (Aruba, Austria, Belgium, Canada, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea (Republic of), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, or United Kingdom);

(2) A Free Trade Agreement country (Australia, Canada, Chile, Mexico, Morocco, or Singapore);

(3) A least developed country (Afghanistan, Angola, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Cape Verde, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Djibouti, East Timor, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Kiribati, Laos, Lesotho, Madagascar, Malawi, Maldives, Mali, Mauritania, Mozambique, Nepal, Niger, Rwanda, Samoa, Sao Tome and Principe, Senegal, Sierra Leone, Solomon Islands, Somalia, Tanzania, Togo, Tuvalu, Uganda, Vanuatu, Yemen, or Zambia); or

(4) A Caribbean Basin country (Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, British Virgin Islands, Costa Rica, Dominica, Dominican Republic, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Montserrat, Netherlands Antilles, Nicaragua, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, or Trinidad and Tobago).

"Designated country construction material" means a construction material that is a WTO GPA country construction material, an FTA country construction

material, a least developed country construction material, or a Caribbean Basin country construction material.

"Domestic construction material" means--

(1) An unmanufactured construction material mined or produced in the United States; or

(2) A construction material manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic.

"Foreign construction material" means a construction material other than a domestic construction material.

"Free Trade Agreement country construction material" means a construction material that--

(1) Is wholly the growth, product, or manufacture of a Free Trade Agreement (FTA) country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a FTA country into a new and different construction material distinct from the materials from which it was transformed.

"Least developed country construction material" means a construction material that--

(1) Is wholly the growth, product, or manufacture of a least developed country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a least developed country into a new and different construction material distinct from the materials from which it was transformed.

"United States" means the 50 States, the District of Columbia, and outlying areas.

"WTO GPA country construction material" means a construction material that--

(1) Is wholly the growth, product, or manufacture of a WTO GPA country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a WTO GPA country into a new and different construction material distinct from the materials from which it was transformed.

(b) "Construction materials."

(1) This clause implements the Buy American Act (41 U.S.C. 10a-10d) by providing a preference for domestic construction material. In addition, the Contracting Officer has determined that the WTO GPA and Free Trade Agreements (FTAs) apply to this acquisition. Therefore, the Buy American Act restrictions are waived for designated country construction materials.

(2) The Contractor shall use only domestic, designated country construction material in performing this contract, except as provided in paragraphs (b)(3) and (b)(4) of this clause.

(3) The requirement in paragraph (b)(2) of this clause does not apply to the construction materials or components listed by the Government as follows:
NONE

(4) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(3) of this clause if the Government determines that--

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the restrictions of the Buy American Act is unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent;

(ii) The application of the restriction of the Buy American Act to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) "Request for determination of inapplicability of the Buy American Act."

(1)

(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(4) of this clause shall include adequate information for Government evaluation of the request, including--

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American Act applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(4)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American Act applies, use of foreign construction material is noncompliant with the Buy American Act.

(d) "Data." To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

| Foreign and Domestic Construction Materials Price Comparison |

Construction Material	Unit of Measure	Quantity (Dollars)+	Price
Item 1: Foreign construction material			
Item 2: Foreign construction material			
Item 3: Domestic construction material			
Item 4: Domestic construction material			

[List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.]
[Include other applicable supporting information.]
[+ Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued).]

(End of clause)

I.91 52.228-1 BID GUARANTEE (SEP 1996)

(a) Failure to furnish a bid guarantee in the proper form and amount, by the time set for opening of bids, may be cause for rejection of the bid.

(b) The bidder shall furnish a bid guarantee in the form of a firm commitment, e.g., bid bond supported by good and sufficient surety or sureties acceptable to the Government, postal money order, certified check, cashier's check, irrevocable letter of credit, or, under Treasury Department regulations, certain bonds or notes of the United States. The Contracting Officer will return bid guarantees, other than bid bonds--

(1) To unsuccessful bidders as soon as practicable after the opening of bids; and

(2) To the successful bidder upon execution of contractual documents and bonds (including any necessary coinsurance or reinsurance agreements), as required by the bid as accepted.

(c) The amount of the bid guarantee shall be 20% percent of the bid price or $ 3 Million whichever is less.

(d) If the successful bidder, upon acceptance of its bid by the Government within the period specified for acceptance, fails to execute all contractual documents or furnish executed bond(s) within 10 days after receipt of the forms by the bidder, the Contracting Officer may terminate the contract for default.

(e) In the event the contract is terminated for default, the bidder is liable for any cost of acquiring the work that exceeds the amount of its bid, and the bid guarantee is available to offset the difference.

(End of provision)

I.92 52.236-1 PERFORMANCE OF WORK BY THE CONTRACTOR (APR 1984)

The Contractor shall perform on the site, and with its own organization, work equivalent to at least 15 percent of the total amount of work to be performed under the contract. This percentage may be reduced by a supplemental agreement to this contract if, during performing the work, the Contractor requests a reduction and the Contracting Officer determines that the reduction would be to the advantage of the Government.

(End of clause)

I.93 52.236-4 PHYSICAL DATA (APR 1984)

Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor. Offerors/Contractors are directed to Paragraph 4.1 of the Scope of Work for details of required physical data.

ATTACHMENTS MADE A PART OF THE SOLICIATION AND ANY RESULTANT CONTRACT:

A. Section C, Specifications and Drawings for the DREDING FOR THE CONSTRUCTION OF CHALAND HEADLAND RESTORATION PROJECT, GULF OF MEXICO, LOUISIANA

1. Chaland General Conditions
2. Chaland Technical Provisions - Appendix
3. Chaland Technical Provisions
4. Chaland Environmental Protection Provisions

B. Department of Labor, Wage Determination, as stated in General Decision No. LA030051 dated 06/13/2003, 2 pages.

C. Small Business Subcontracting Plan Outline (12 pages)

D. Bid Bond (SF24, Rev. 1098) 2 pages

E. Performance Bond (SF25, Rev. 5-96) 2 pages

F. Payment Bond (SF25A, Rev. 1098) 2 pages

G. The awardee's completed Section K, Representations, Certifications and other Statements of Offerors is incorporated into the contract by reference upon execution of the contract.

K.1 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (JAN 2005)

(a)
(1) If the clause at 52.204-7, Central Contractor Registration, is included in this solicitation, paragraph (b) of this provision applies.
(2) If the clause at 52.204-7 is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronic ally, the offeror may choose to use paragraph (b) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:
[ ] (i) Paragraph (b) applies.
[ ] (ii) Paragraph (b) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(b) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website at http://orca.bpn.gov. After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause #	Title	Date	Change
_____	_____	_____	_____

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.

(End of Provision)

L.1 52.214-3 AMENDMENTS TO INVITATIONS FOR BIDS (DEC 1989)

(a) If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.
(b) Bidders shall acknowledge receipt of any amendment to this solicitation
(1) by signing and returning the amendment,
(2) by identifying the amendment number and date in the space provided for this purpose on the form for submitting a bid,
(3) by letter or telegram, or (4) by facsimile, if facsimile bids are authorized in the solicitation. The Government must receive the acknowledgment by the time and at the place specified for receipt of bids.

(End of provision)

L.2 52.214-4 FALSE STATEMENTS IN BIDS (APR 1984)

Bidders must provide full, accurate, and complete information as required by this solicitation and its attachments. The penalty for making false statements in bids is prescribed in 18 U.S.C. 1001.

(End of provision)

L.3 52.214-5 SUBMISSION OF BIDS (MAR 1997)

(a) Bids and bid modifications shall be submitted in sealed envelopes or packages (unless submitted by electronic means)--
(1) Addressed to the office specified in the solicitation; and
(2) Showing the time and date specified for receipt, the solicitation number, and the name and address of the bidder.
(b) Bidders using commercial carrier services shall ensure that the bid is addressed and marked on the outermost envelope or wrapperas prescribed in paragraphs (a)(1) and (2) of this provision when delivered to the office specified in the solicitation.
(c) Telegraphic bids will not be considered unless authorized by the solicitation; however, bids may be modified or withdrawn by written or telegraphic notice.
(d) Facsimile bids, modifications, or withdrawals, will not be considered unless authorized by the solicitation.
(e) Bids submitted by electronic commerce shall be considered only if the electronic commerce method was specifically stipulated or permitted by the solicitation.

(End of provision)

L.4 52.214-6 EXPLANATION TO PROSPECTIVE BIDDERS (APR 1984)

Any prospective bidder desiring an explanation or interpretation of the solicitation, drawings, specifications, etc., must request it in writing soon enough to allow a reply to reach all prospective bidders before the submission of their bids. Oral explanations or instructions given before the award of a contract will not be binding. Any information given a prospective bidder concerning a solicitation will be furnished promptly to all other prospective bidders as an amendment to the solicitation, if that information is necessary in submitting bids or if the lack of it would be prejudicial to other prospective bidders.

(End of provision)

L.5 52.214-7 LATE SUBMISSIONS, MODIFICATIONS, AND WITHDRAWALS OF BIDS (NOV 1999)

(a) Bidders are responsible for submitting bids, and any modifications or withdrawals, so as to reach the Government office designated in the invitation for bids (IFB) by the time specified in the IFB. If no time is specified in the IFB, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that bids are due.

(b)

(1) Any bid, modification, or withdrawal received at the Government office designated in the IFB after the exact time specified for receipt of bids is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late bid would not unduly delay the acquisition; and--

(i) If it was transmitted through an electronic commerce method authorized by the IFB, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of bids; or

(ii) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of bids and was under the Government's control prior to the time set for receipt of bids.

(2) However, a late modification of an otherwise successful bid that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(c) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the bid wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(d) If an emergency or unanticipated event interrupts normal Government processes so that bids cannot be received at the Government office designated for receipt of bids by the exact time specified in the IFB and urgent Government requirements preclude amendment of the IFB, the time specified for receipt of bids will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(e) Bids may be withdrawn by written notice received at any time before the exact time set for receipt of bids. If the IFB authorizes facsimile bids, bids may be withdrawn via facsimile received at any time before the exact time set for receipt of bids, subject to the conditions specified in the provision at 52.214-31, Facsimile Bids. A bid may be withdrawn in person by a bidder or its authorized representative if, before the exact time set for receipt of bids, the identity of the person requesting withdrawal is established and the person signs a receipt for the bid.

(End of provision)

L.6 52.214-12 PREPARATION OF BIDS (APR 1984)

(a) Bidders are expected to examine the drawings, specifications, Schedule, and all instructions. Failure to do so will be at the bidder's risk.

(b) Each bidder shall furnish the information required by the solicitation. The bidder shall sign the bid and print or type its name on the Schedule and each continuation sheet on which it makes an entry. Erasures or other changes must be initialed by the person signing the bid. Bids signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(c) For each item offered, bidders shall

(1) show the unit price, including, unless otherwise specified, packaging, packing, and preservation and

(2) enter the extended price for the quantity of each item

offered in the "Amount" column of the Schedule. In case of discrepancy between a unit price and an extended price, the unit price will be presumed to be correct, subject, however, to correction to the same extent and in the same manner as any other mistake.

(d) Bids for supplies or services other than those specified will not be considered unless authorized by the solicitation.

(e) Bidders must state a definite time for delivery of supplies or for performance of services, unless otherwise specified in the solicitation.

(f) Time, if stated as a number of days, will include Saturdays, Sundays, and holidays.

(End of provision)

L.7 52.214-18 PREPARATION OF BIDS--CONSTRUCTION (APR 1984)

(a) Bids must be--

(1) Submitted on the forms furnished by the Government or on copies of those forms, and

(2) Manually signed. The person signing a bid must initial each erasure or change appearing on any bid form.

(b) The bid form may require bidders to submit bid prices for one or more items on various bases, including--

(1) Lump sum bidding;

(2) Alternate prices;

(3) Units of construction; or

(4) Any combination of paragraphs (b)(1) through (b)(3) of this provision.

(c) If the solicitation requires bidding on all items, failure to do so will disqualify the bid. If bidding on all items is not required, bidders should insert the words "no bid" in the space provided for any item on which no price is submitted.

(d) Alternate bids will not be considered unless this solicitation authorizes their submission.

(End of provision)

L.8 52.214-19 CONTRACT AWARD--SEALED BIDDING--CONSTRUCTION (AUG 1996)

(a) The Government will evaluate bids in response to this solicitation without discussions and will award a contract to the responsible bidder whose bid, conforming to the solicitation, will be most advantageous to the Government, considering only price and the price-related factors specified elsewhere in the solicitation.

(b) The Government may reject any or all bids, and waive informalities or minor irregularities in bids received.

(c) The Government may accept any item or combination of items, unless doing so is precluded by a restrictive limitation in the solicitation or the bid.

(d) The Government may reject a bid as nonresponsive if the prices bid are materially unbalanced between line items or subline items. A bid is materially unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated in relation to cost for other work, and if there is a reasonable doubt that the bid will result in the lowest overall cost to the Government even though it may be the low evaluated bid, or if it is so unbalanced as to be tantamount to allowing an advance payment.

(End of provision)

L.9 1352.214-70 PRE-BID / PRE-PROPOSAL CONFERENCE [AND SITE VISIT, IF APPROPRIATE] (MARCH 2000)

The Government is planning a pre-proposal conference during which potential contractors may obtain a better understanding of the work required.

Offerors are strongly urged to visit this site during the conference to fully inform themselves about the location and conditions under which the work is to be performed.

Offerors are encouraged to submit all questions in writing at least 2 days prior to the conference. Questions will be considered at any time prior to, or during, the conference; however, offerors will be asked to confirm verbal questions in writing. Subsequent to the conference an amendment containing an abstract of the questions and answers, and a list of attendees, will be made publicly available.

In order to facilitate conference preparations it is requested that the person named on the Standard Form 1442 of this solicitation be contacted and advised of the number of persons who will attend.

Offerors are cautioned that, notwithstanding any remarks, clarifications, or responses given at the conference, all terms and conditions of the solicitation remain unchanged unless they are changed by amendment. It is the responsibility of each offeror, prior to proposing, to seek clarification of any ambiguity created by amendment of the solicitation.

The conference will be held: (for directional map see NOAA webpage where the solicitation is located)

Date: June 28, 2005
Time: 10:00 AM CDST
Location: University of New Orleans Research
and Technology Park
Center of Energy Resources Management
2045 Lakeshore Drive
Room 438
New Orleans, LA 70122

L.10 1352.215-73 INQUIRIES (MARCH 2000)

Offerors must submit all questions concerning this solicitation in writing to the Contracting Officer. They must be received no later than fifteen calendar days after the date of this solicitation. All responses to the questions will be made in writing and included in an amendment to the solicitation.

L.11 52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a firm fixed price construction contract resulting from this solicitation.

(End of provision)

L.12 52.222-23 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999)

(a) The offeror's attention is called to the Equal Opportunity clause and the Affirmative Action Compliance Requirements for Construction clause of this solicitation.

(b) The goals for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

GOALS FOR MINORITY PARTICIPATION FOR EACH TRADE is as follows:
27.7
GOALS FOR FEMALE PARTICIPATION FOR EACH TRADE is as follows:
6.9

These goals are applicable to all the Contractor's construction work performed in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, the Contractor shall apply the goals established for the geographical area where the work is actually performed. Goals are published periodically in the Federal Register in notice

form, and these notices may be obtained from any Office of Federal Contract Compliance Programs office.

(c) The Contractor's compliance with Executive Order 11246, as amended, and the regulations in 41 CFR 60-4 shall be based on

(1) its implementation of the Equal Opportunity clause,

(2) specific affirmative action obligations required by the clause entitled "Affirmative Action Compliance Requirements for Construction," and

(3) its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade.

The Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor, or from project to project, for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, Executive Order 11246, as amended, and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.

(d) The Contractor shall provide written notification to the Deputy Assistant Secretary for Federal Contract Compliance, U.S. Department of Labor, within 10 working days following award of any construction subcontract in excess of $10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the--

(1) Name, address, and telephone number of the subcontractor;

(2) Employer's identification number of the subcontractor;

(3) Estimated dollar amount of the subcontract;

(4) Estimated starting and completion dates of the subcontract; and

(5) Geographical area in which the subcontract is to be performed.

(e) As used in this Notice, and in any contract resulting from this solicitation, the "covered area" is Plaquemines Parish, LA.

(End of provision)

L.13 52.233-2 SERVICE OF PROTEST (AUG 1996)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from Jean M. Jennings, Contracting Officer, 601 East 12th Street, Room 1756, Kansas City, MO 64106

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

L.14 1352.233-71 SERVICE OF PROTESTS (MARCH 2000)

An agency protest may be filed with either (1) the Contracting Officer, or (2) at a level above the Contracting Officer, with the agency Protest Decision Authority. See 64 Fed. Reg. 16,651 (April 6, 1999) (Internet site: http://oamweb.osec.doc.gov/conops/reflib/alp1296.htm) for the procedures for filing agency protests at the level above the Contracting Officer (with the Protest Decision Authority).

Agency protests filed with the Contracting Officer shall be sent to the following address:

Jean M. Jennings, Contracting Officer, 601 East 12th Street, Room 1758, Kansas City, MO 64106

If a protest is filed with either the Protest Decision Authority, or with the General Accounting Office (GAO), a complete copy of the protest (including all attachments) shall be served upon both the Contracting Officer and Contract Law Division of the Office of the General Counsel within one day of filing with the Protest Decision Authority or with GAO. Service upon the Contract Law Division shall be made, as follows:

U.S. Department of Commerce
Office of the General Counsel
Contract Law Division--Room 5893
Herbert C. Hoover Building
14th Street and Constitution Avenue, N.W.
Washington, D.C. 20230.
Attn: Mark Langstein, Esquire
FAX: (202) 482-5858

L.15 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(End of provision)

L.16 1352.242-71 POST-AWARD CONFERENCE (MARCH 2000)

A post-award conference with the successful offeror may be required. If required, it will be scheduled and held within 10 calendar days after the date of contract award. The conference will be held at:

This will be determined at time of award. The location will be at a mutually agreeable location for the contractor and the government representatives.

L.17 1352.252-71 REGULATORY NOTICE (MARCH 2000)

Offerors are advised that certain provisions and clauses identified with a Commerce Acquisition Regulation (CAR) notation for identification purposes, have not yet been incorporated into the CAR. However, all of these items are binding for this acquisition and will eventually be contained in the CAR at Part 13 of Title 48 of the Code of Federal Regulations.

L.18 SUBMISSION OF BIDS

At a minimum, bidders must provide the following as their bid:

a. Completed SF 1442 (including B-1, B-2) with Blocks 14 thru 20C completed as well as the applicable bid schedule.
b. Completed Section K, Representaitons and Certifications.
c. Bid Guarantee - SF 24 Bid Bond, 2 Pages.
d. Past Performance information to include a minimum of five (5) recently completed contracts for relevant type of work and size. Provide a point of contract, preferably the site superintendent for the project, name of company or federal agency, city and state location of the project and phone number.
e. List of proposed equipment that will be utilized for this solicitation if awarded the contract.
f. List of various documents are required to be submitted in accordance with General Conditions paragraph 26 including paragrpah 26.1 Dredge Capacity and 26.2 American Bureau of Shipping Certification for Open Ocean Operation.

L. 19 LOCATION FOR SUBMISSION OF BIDS AND BID OPENING INFORMATION

Bid opening will be held at 2:00 PM CDST on 19 July 2005, at the State of Louisiana, LaSalle Office Building, Griffon Room, 617 North 3rd Street, Baton Rouge, LA

Bids may be mailed to Ms. Rachel Sweeney, NOAA Fisheries, C/O Louisiana State University, Military Science Building, Room 266, Baton Rouge, LA 790803, phone no. 225-389-0508 x 266.

Bids will be accepted until 12:00 NOON CDST on 19 July 2005 by Ms. Sweeney, NOAA Fisheries, South Stadium Drive, Military Science Building, Room 266, Louisiana State University, Baton Rouge, LA 70803, phone no. 225-389-0508 x206.

From 12:00 NOON CDST until time set for bid opening, 2:00 PM 19 July 2005, bids will be accepted by Ms. Jean Jennings, Contracting Officer at the Stateof Louisiana, LaSalle Office Building, Griffon Room, 617 North 3rd Street, Baton Rouge, LA 70803.

CHALAND HEADLAND RESTORATION (BA38-2) CWPPRA PROJECT

GENERAL CONDITIONS

CHALAND HEADLAND RESTORATION (BA38-2) CWPPRA PROJECT

GENERAL CONDITIONS

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CHALAND HEADLAND RESTORATION (BA38-2) CWPPRA PROJECT

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CHALAND HEADLAND RESTORATION (BA38-2) CWPPRA PROJECT

GENERAL CONDITIONS

1. COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK

1.1 **General:** The CONTRACTOR will be required to complete the entire Work ready for use within **235** days from the date of the Notice to Proceed. The time stated for completion shall include removal of pipe from the fill area, grading, final clean-up of the premises and all repairs or restorations of facilities, structures, vegetation or any other item damaged by the CONTRACTOR or its subcontractors as a result of project construction activities.

1.2 **Definition of Work:** For the purposes of the Contract Documents, "Work" is defined as any and all obligations, duties and responsibilities necessary to the successful completion of the Chaland Headland Restoration (BA38-2) CWPPRA Project assigned to, or undertaken by, the CONTRACTOR under the Contract Documents, including all submittals, labor, materials, equipment, or other incidentals and the furnishing thereof.

2. CONSTRUCTION OBSERVATION

2.1 **General:** The CONTRACTOR'S work shall be monitored periodically by the Contracting Officer's Technical Representative (COTR). The COTR will be appointed by letter from the Contracting Officer (CO), with a copy to the CONTRACTOR. This letter will set forth the authority of the COTR.

2.2 **Hold Point Inspection:** The GOVERNMENT anticipates that a full time observer will be assigned to this work. The GOVERNMENT will inspect the work at various times throughout the course of construction. In addition to the inspections, the CONTRACTOR shall observe construction "hold points" to permit the GOVERNMENT to inspect the work of certain key elements of construction. The scope of each hold point inspection shall be discussed with the CONTRACTOR prior to the request for inspection. Hold point inspections will be as follows:

2.2.1 Completion of site layout as required by Technical Provision 19, LAYOUT OF WORK FOR HYDRAULIC FILL PLACEMENT.

2.2.2 The marsh containment dikeage when completed.

2.2.3 The marsh platform when completed prior to final acceptance.

2.2.4 The beach and dune fill area when completed prior to final acceptance.

2.2.5 Completion verification inspection.

2.3 **Hold Point Inspection Requirements:** The CONTRACTOR shall keep the COTR informed concerning the work status and projected work schedule through regular communications. The CONTRACTOR shall notify the COTR and the full time observer in writing fourteen (14) days prior to reaching each hold point previously designated by the CONTRACTOR. The CONTRACTOR shall reconfirm the inspection date seventy-two (72) hours before the scheduled hold point. Notice of rescheduling of a hold point and cancellation shall also be given in writing by the CONTRACTOR seventy-two (72) hours before the event. The CONTRACTOR shall not cover any work related to the designated hold point until one of the following occurs:

2.3.1 The CONTRACTOR is authorized in writing to proceed after inspection by the COTR.

2.3.2 The hold point inspection is rescheduled by the COTR to a later construction event.

2.3.3 The GOVERNMENT waives the hold point inspection in writing.

2.4 **Notice of Completion Requirements:** The CONTRACTOR shall submit a written request for Notice of Completion (Appendix I) fourteen (14) days in advance of the planned completion date. After review of the Notice of Completion, the GOVERNMENT may reject the Notice for cause or schedule the Final Inspection. The GOVERNMENT will perform its Final Inspection on all phases of the work and develop a comprehensive punchlist that will be provided to the CONTRACTOR. The Completion Verification Inspection will be scheduled when the punchlist items discovered during the Final Inspection have been corrected. The COTR may add new items to the punchlist at this inspection. The CONTRACTOR is advised that the GOVERNMENT will not accept the work until the GOVERNMENT determines substantial completion has been achieved. Therefore, to minimize its risk of assessment of Liquidated Damages, the CONTRACTOR should schedule its work to be substantially complete in time to allow Final Inspection, punchlist work, and Completion Verification Inspection to occur in advance of the Contract Completion Date.

2.5 Nothing in this Section shall be construed to limit the GOVERNMENT'S right to inspect the work at any time.

3. CONTRACT DOCUMENTS

3.1 The Contract Documents include all provisions of the following: the Contract, General Conditions, Technical Provisions, Environmental Protection, Invitation for Bid, Information to Bidders, Bid Form and Proposal, Plans, and any properly executed amendments to the above. In addition to the Contract Documents, the Work is governed by the Permits and the laws, rules and regulations governing

the foregoing (hereinafter the "Related Documents"). The Contract Documents comprise the entire Contract between GOVERNMENT and CONTRACTOR concerning the Work. The Contract Documents may be altered, amended, added to, or deleted from, only by a written modification signed by both parties.

3.2 Before undertaking the Work, the CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures shown thereon and all applicable field measurements. The CONTRACTOR shall promptly report, in writing, to the GOVERNMENT, any conflict, error, or discrepancy, which the CONTRACTOR may discover. If, during the performance of the Work, the CONTRACTOR finds a conflict, error, or discrepancy in the Contract Documents, he/she shall report it to the GOVERNMENT, in writing, at once and before proceeding with the Work affected thereby.

3.3 The CONTRACTOR will be furnished with one (1) electronic copy and one (1) hard copy of the Contract Documents without charge, except for publications incorporated into the Contract Documents by reference.

3.4 It is the intent of the Contract Documents to describe a complete project to be constructed in accordance with the Contract Documents. Any Work required by the Contract Documents or that may reasonably be inferred from the Plans or Specifications as being required to produce the intended result shall be supplied by the CONTRACTOR whether or not it is specifically identified, unless the Contract Documents clearly state that such Work or product is to be provided by someone else. Any questions concerning the Contract Documents or Work that may reasonably be inferred shall be provided, in writing, to the GOVERNMENT prior to the construction of the project. Words that have a technical or trade meaning to describe work, materials, or equipment, shall be interpreted in accordance with such meaning. Reference to standard specifications, manuals or codes of any technical society, organization or association, or to the code of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual or code in effect at the time of opening bids, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall change the duties and responsibilities of the GOVERNMENT, CONTRACTOR, or any of their agents or employees from those set forth in the Contract Documents. Clarifications or interpretations of the Contract Documents shall be issued by the GOVERNMENT after timely receipt of written request for clarifications or interpretations from the CONTRACTOR.

3.5 Omissions from the Plans or Specifications or the misdescription of details of Work which are manifestly necessary to carry out the intent of the Plans and Specifications, or that are customarily performed, shall not relieve the CONTRACTOR from performing such omitted or misdescribed details of the

Work, but they shall be performed as if fully and correctly set forth and described in the Contract Documents. It is the responsibility of the CONTRACTOR to seek clarifications or interpretations from the GOVERNMENT, in writing, prior to initiating the Work if the CONTRACTOR has any doubt or questions concerning the Work. If requests for clarification or interpretations are not submitted in writing, there will be no obligation to respond to the question.

3.6 Dimensions and quantities marked on Plans shall, in general, be followed in preference to scale measurements. Large scale plans shall, in general, govern over small scale drawings. The CONTRACTOR shall compare all Plans and verify the dimensions and volumes before laying out the Work and will be responsible for any errors which might have been avoided thereby.

3.7 Neither the CONTRACTOR nor any subcontractor, manufacturer, fabricator, supplier or distributor shall have or acquire any title to, or ownership rights in, any of the Plans (drawings), specifications or other Contract Documents, whether originals or copies, prepared by the GOVERNMENT; and the CONTRACTOR or its subcontractors shall not reuse any of them on extensions of the project or any other project.

3.8 The List of Contract Drawings for this project can be found in Appendix VIII**.**

4. MEASUREMENT AND PAYMENT

4.1 **General:** The procedures applicable to the measurement of work accomplished and payment to CONTRACTOR for both periodic progress payments and final payment are described in this section.

4.2 **Methodology:** Requests for progress payments and final payment shall be submitted by CONTRACTOR and shall be validated by the COTR to verify that the work for which payment is sought has been performed.

4.2.1 Payments by the GOVERNMENT shall be made in accordance with the payments clause of this contract.

4.2.2 The CONTRACTOR shall specify a cut-off date, to be the same date each pay period, for determining progress for invoicing purposes.

4.3 **Submittals:** Submit the following to the GOVERNMENT in accordance with general condition submittals section. Submittals are for the record or approval, as indicated.

4.3.1 Schedule of Prices (**Appendix II**) shall be submitted within seven (7) days after contract award and prior to mobilization at the project site, for approval.

4.3.2 Invoice Submittals: Submit the following monthly:

4.3.2.1 Invoice on CONTRACTOR'S letterhead with taxpayer identification number for approval. The invoice shall be signed.

4.3.2.2 Schedule of prices updated with progress percentages for approval.

4.3.2.3 Statused construction schedule for the record.

4.3.2.4 Statused project "S" curve for approval.

4.3.2.5 Record drawing and specification certification for the record.

4.3.2.6 Certification required by clause FAR 52.232-5 for the record.

4.3.2.7 Certification that required copies of subcontractors' proofs of insurance are complete and current for the record. Refer to FAR 52.228-5.

4.3.2.8 Release of claims for the record (with final invoice only).

4.4 **Schedule of Prices:** Schedule of prices shall be as specified in **Appendix II**.

4.4.1 The sum of the prices shall equal the total contract fixed price. The Schedule of Prices shall reflect each work activity comprising the work to be performed. Include all handling and disposal costs. Percent progress per activity shall represent the current status, as shown on the construction schedule and verified by the COTR.

4.4.2 The COTR may approve, disapprove, or require revisions to the Schedule of Prices. Subsequent revision to the Schedule of Prices must be approved by the COTR.

4.5 **Determination of Progress:** The CONTRACTOR and the COTR shall jointly review all work prior to submission by CONTRACTOR of its periodic payment invoice and periodic progress report and seek to report a consensus regarding the percent of total progress achieved during the period. If the COTR is unable to physically travel to the project site, progress shall be determined by telephone. The invoice shall be submitted for a dollar amount reflecting the percent of progress achieved during the period. Final determination of progress and payment to be made, whether or not the CONTRACTOR and COTR reach agreement, shall be by the CO. If the GOVERNMENT provides a full time observer, the CONTRACTOR shall work with the observer to determine the quantities of work for submission and approval by the COTR.

4.6 **<u>Invoicing and Payment</u>:** Invoices shall be prepared as specified herein.

4.6.1 In accordance with FAR 52.232-5 the GOVERNMENT will pay for (1) materials and equipment that are, in the opinion of the GOVERNMENT, properly stored and protected on-site, (2) materials and equipment that are manufactured specifically for this project, and (3) that are not commonly stocked and usable on any other project. Paid receipts for material and equipment plus shipping are required with any request for payment prior to installation. Off-site storage at insured locations may be acceptable to the GOVERNMENT.

4.6.2 The CONTRACTOR shall submit its invoice for periodic progress payment to the COTR via an office to be designated by the COTR.

4.6.3 If satisfactory progress has not been made, the COTR may retain a maximum of 10 percent of the amount of the payment until satisfactory progress is achieved. Satisfactory progress will be determined by use of the project status curve, developed by the CONTRACTOR in accordance with general conditions construction schedules section.

4.6.4 The GOVERNMENT will pay the final amount due CONTRACTOR under this contract after:

4.6.4.1 Completion, final inspection and acceptance of all work.

4.6.4.2 Presentation of a properly executed invoice.

4.6.4.3 Presentation by CONTRACTOR of a release of all claims against the GOVERNMENT arising by virtue of this contract, other than claims, in stated amounts that the CONTRACTOR has specifically excepted from the operation of the release. Release of Claims (Appendix III) shall be the form of this release.

4.6.4.4 Deductions of any sums owed the GOVERNMENT and permitted to be offset by law.

4.7 **<u>Correction Period</u>:**

4.7.1 **<u>One Year Correction Period</u>:** If within one (1) year after the date of completion any Work that is found to be defective, the CONTRACTOR shall promptly, without cost to the GOVERNMENT and in accordance with the GOVERNMENT'S written instructions, either correct such defective Work, or, if it has been rejected by the GOVERNMENT, remove it from the site and replace it with non-defective Work. If the CONTRACTOR does not promptly comply

with the terms of such instructions, or in an emergency where delay would cause serious risk of loss or damage, the GOVERNMENT may have the defective Work corrected or the rejected Work removed and replaced. The CONTRACTOR shall pay all direct and indirect costs of such removal and replacement, including compensation for additional professional services.

4.7.2 **Erosion and/or Settlement:** The CONTRACTOR will not be held responsible for erosion or settlement of the fill after acceptance of fill segments by the GOVERNMENT.

5. PERFORMANCE OF WORK BY CONTRACTOR

The CONTRACTOR shall maintain at the project site and on the job, the materials, equipment and personnel required to continuously construct the project. The CONTRACTOR is responsible for providing, and maintaining, equipment that is in good working order, for construction of the project. Under no circumstances will the CONTRACTOR demobilize from the project site without the written consent of the GOVERNMENT, unless one or more of the following occurs: the project is complete; weather or sea state conditions require movement from the project site; a condition exists that threatens the safety and welfare of personnel or threatens equipment; or the time frame provided for project construction in the contract has expired without amendment by the GOVERNMENT through Change Order; or the State or Federal permits have expired.

6. REGULATORY/PERMITTING REQUIREMENTS

6.1 **General:** The CONTRACTOR shall, without additional cost to the GOVERNMENT, be responsible for compliance with all applicable local, county, state, and Federal codes, rules, laws and regulations, applicable to the performance of the work under this contract.

6.2 **Permitting:**

6.2.1 The GOVERNMENT has received the appropriate permits and approvals from the Louisiana Department of Natural Resources, the U.S. Army Corps of Engineers, and the Louisiana Department of Environmental Quality.

6.2.2 Except for permits required by the Clean Air and Water Act (FAR 52.223-2), the GOVERNMENT and its CONTRACTORS shall not be required to pay any amount to a state or political subdivision of a state for reviewing plans, carrying out on-site inspections, issuing permits, and making recommendations.

6.2.3 Any other licenses or approvals required for the prosecution of the Work shall be secured and paid for by the CONTRACTOR. The

CONTRACTOR shall obtain any and all approvals required to conduct work in the Gulf of Mexico and Barataria Bay.

7. SUBCONTRACTORS

7.1 The CONTRACTOR shall furnish in writing to the GOVERNMENT at least seven (7) days prior to the pre-construction conference the names of all subcontractors proposed for the Work.

7.2 The CONTRACTOR will be fully responsible for all acts and omissions of its subcontractors and of persons directly or indirectly employed by them.

7.3 Nothing in the Contract Documents shall create any contractual relationship between any subcontractor and the GOVERNMENT or any obligation on the part of the GOVERNMENT to pay or to see to the payment of any monies due any subcontractor except as may otherwise be required by law. The GOVERNMENT may furnish to any subcontractor, to the extent practicable, evidence of amounts paid to the CONTRACTOR on account of specific Work done. The CONTRACTOR agrees to bind every subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of the GOVERNMENT.

8. CONTRACTOR COORDINATION

8.1 **Superintendent:** The CONTRACTOR shall designate, in writing to the GOVERNMENT at least seven (7) days prior to the pre-construction conference, a superintendent(s) to receive the GOVERNMENT'S instructions. The GOVERNMENT requires that the superintendent(s) speak fluent English. If in the opinion of the GOVERNMENT a superintendent does not speak fluent English then the CONTRACTOR will be required to replace this superintendent with one that can speak fluent English. A superintendent(s) of the CONTRACTOR must be at the fill area at all times during project construction or otherwise make himself available to the GOVERNMENT at all times during project construction. Under no circumstances will project construction occur without the presence of a superintendent at the project site. In the event that the superintendent is to be temporarily or permanently replaced by the CONTRACTOR, the CONTRACTOR shall notify the GOVERNMENT in writing of the replacement superintendent.

8.2 **Field Communications:** The COTR will use the following forms to document instructions, clarifications, notice of deficient work, and the like to the CONTRACTOR. Use of these forms shall not be construed as limiting any other appropriate means of communication between the parties. The communications shall not be construed as authorizing work not included in the contract, except as approved corrective work, and shall not in any case constitute a basis for additional payment or time.

8.2.1 Field Adjustment Report (Appendix V) - This form will be used to document minor deficiencies, clarifications, or other instructions.

8.2.2 Non-Compliance Notice (Appendix VI) - This form will be used to document significant deficiencies in workmanship or material. The form will also document approval of corrective action. The CONTRACTOR shall submit to the COTR proposed corrective actions for approval. The CONTRACTOR shall provide engineering if requested by the GOVERNMENT to show that the proposed corrective action is equivalent to the original requirements. The GOVERNMENT will retain monies from progress payments until the corrective action is approved by the COTR and the corrective work has been satisfactorily completed. The amount retained shall be determined by the COTR to be sufficient to accomplish the corrective work including demolition, corrections, rework, and administrative costs.

8.2.3 Request For Interpretations (Appendix VII) - This form will be used to inquire about an item of work insufficiently described or detailed in the contract documents and to seek an interpretation. The GOVERNMENT will issue with reasonable promptness such written clarifications or interpretations of the requirements of the contract documents (in the form of Drawings or otherwise) as the GOVERNMENT may determine necessary.

9. CHANGE PROCEDURES

9.1 **General:** The CONTRACTOR shall comply with this procedure in the process of giving notification of change and preparing and submitting a proposal for adjustment due to a desired, perceived, or actual change in the work. Changes in the work, or period of performance of the work, may be directed in writing by the CO or may be requested by the CONTRACTOR. In either case, payment for work accomplished under a modification may not be made until a formal contract modification, incorporating the change into the contract, has been issued and executed. Therefore, it is incumbent upon the CONTRACTOR to comply fully with this procedure and to expedite the resolution of changes.

9.2 **Submittals:** When requested, CONTRACTOR shall submit the following to the GOVERNMENT:

9.2.1 Proposal cover letter on CONTRACTOR'S letterhead.

9.2.2 Detailed price proposal.

9.2.3 Drawings or other explanatory data.

9.2.4 Time extension statement with justification if any time extension is requested.

9.3 **Compliance:** The CONTRACTOR shall take such measures as are needed to assure familiarity and compliance by its staff with these procedures. If change proposals are incomplete, unclear, or ambiguous, or are not supported by adequate documentation, the data will be returned and the CONTRACTOR shall resubmit or supplement the proposal as requested by the GOVERNMENT. Delay resulting from CONTRACTOR'S noncompliance with this procedure shall not in itself constitute the basis for an extension in the time of performance under the contract.

9.4 **Processing Changes Initiated by the GOVERNMENT:**

9.4.1 The GOVERNMENT will only initiate changes in writing. The CO will sign any Request for Proposal (RFP). This will establish a Proposed Change (PC) number, by which the change will be identified until such time as it may be incorporated into the contract by formal modification. Formal modification will always be issued on Standard Form SF 30 signed by the CO.

9.4.2 The CONTRACTOR may or may not be authorized to proceed with the changed work pending resolution of changes in the contract price or time of performance. If the work described in the RFP becomes critical to the timely performance of the CONTRACTOR'S work, a written request for a notice to proceed must be forwarded to the CO immediately. The CO will issue any notice to proceed on Standard Form SF 30. This unilateral modification to the contract may be subject to further negotiation regarding price and time for completion. Payment for changed work, covered by a unilateral modification, will not be made until a bilateral modification covering the changed work has been executed.

9.4.3 The CONTRACTOR shall prepare and submit its proposal for change to include as a minimum:

9.4.3.1 A cover letter referencing the PC number and citing the attachments, if any, which constitute CONTRACTOR'S total proposal.

9.4.3.2 A detailed price proposal showing labor, construction equipment, and material quantities and prices at the lowest practical level of each element of the work.

9.4.3.3 Any drawings, sketches, catalog cuts, samples, certifications, or other data required to be submitted by the GOVERNMENT or that is required to fully document CONTRACTOR'S work under the proposed change.

9.4.3.4 A statement of the proposed change in the time of completion of the contract, together with all required justification for such a change.

9.4.3.5 A statement to the effect that there is "no change in price and time of completion of the work under this contract as a result of this proposed change," if that is the case.

9.4.4 The GOVERNMENT may accept the CONTRACTOR'S proposal without negotiation. Alternatively, upon receipt of a proposal that is satisfactory in form, the GOVERNMENT may require negotiation with the CONTRACTOR to arrive at a fair and equitable change in the contract price and time of completion. Upon agreement, a contract modification will be issued by the CO for CONTRACTOR'S execution.

9.5 **Processing Changes Initiated by the CONTRACTOR:** Should the CONTRACTOR feel that a change to the work under the contract, or to the contract itself, is necessary or desirable, it shall propose such a change to the Contracting Officer. This proposed change shall include a clear and concise description of the proposed change, along with that information cited in 9.4 C above. Within a reasonable time, the GOVERNMENT will review CONTRACTOR'S proposal and determine if the proposed change is in the GOVERNMENT'S best interest. If so, CONTRACTOR will be advised of this and a PC number will be assigned to CONTRACTOR'S proposal. The process of agreement and codification of the price and time of completion for the change is then identical to that in 9.4 above.

9.6 **Prosecuting Changed Work:** The CONTRACTOR is cautioned not to proceed with the work described in a proposed change until it is authorized to do so in writing by the CO.

9.7 **Emergencies:** In emergencies affecting the safety or protection of persons or the Work or property at the site or adjacent thereto, CONTRACTOR, without special instruction or authorization from the GOVERNMENT, is obligated to immediately act to prevent threatened damage, injury or loss. The CONTRACTOR shall give the GOVERNMENT prompt written notice if the CONTRACTOR believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby. If the GOVERNMENT determines that a change in the Contract Documents is required because of the action taken in response to an emergency, a change order will be issued to document the consequences of the changes or variations.

10. SAFETY REQUIREMENTS

10.1 **CONTRACTOR Responsibility for Safety:** The CONTRACTOR shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. The CONTRACTOR shall take all

necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:

10.1.1 GOVERNMENT personnel, State and Federal personnel, the public, all employees and subcontractors involved in the Work and all other persons who may be affected thereby;

10.1.2 All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site; and,

10.1.3 Other property at the site or adjacent thereto, including trees, shrubs, natural vegetation, walks, structures, and utilities not designated for removal, relocation or replacement in the course of construction.

10.2 **Compliance with Safety Laws:** The CONTRACTOR shall comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction over the safety of persons or property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection, and have at the work site at all times a dedicated safety and flag person. The CONTRACTOR shall notify owners of adjacent property and utilities when prosecution of the Work may affect them. All damage, injury, or loss to any property caused, directly or indirectly, in whole or in part, by the CONTRACTOR, any subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, shall be remedied by the CONTRACTOR. The CONTRACTOR'S duties and responsibilities for the safety and protection of the Work shall continue until such time as all the Work is completed and the GOVERNMENT has notified the CONTRACTOR that the Work is complete.

10.3 **Familiarity with Safety Standards:** The CONTRACTOR shall review the accident prevention clause of the Contract, the Corps of Engineers Manual, General Safety Requirements, EM 385-1-1, dated 03 September 1996 (or most recent version), and all changes and amendments thereto, and the latest Occupational Safety and Health Agency (OSHA) standards, to assure himself that he has full knowledge of the personal protective equipment that must be provided workmen and that he is familiar with the safety standards applicable to the prevention of accidents during the construction of this project and shall comply with all applicable provisions.

10.4 **Submittals:** When requested, submit to the GOVERNMENT in accordance with general conditions submittals section. Submittals are for the record or approval, as indicated.

10.5 **Diving Plan:** The CONTRACTOR shall submit as part of their written plan for quality control, a diving plan if diving is included as a part of the planned operations, at least seven (7) days prior to the pre-construction conference. The

intent of this requirement is to assure safe diving, particularly when emergencies, marine maintenance, or underwater problems occur which require diving. Additionally, the CONTRACTOR is to determine that placement of spuds, anchors, pipes, etc. will not impact existing submerged pipelines; a procedure that may require diving. All diving shall be conducted in accordance with the requirements of the most recent versions of the following documents:

10.5.1 U.S. Navy Diving Manual, Volume I and II (NAVSEA 0994-LP-001-9010 and NAVSEA 0094-LP-001-9020).

10.5.2 U.S. Army Corps of Engineers' Safety and Health Requirements Manual, EM 385-1-1. Section 30.

10.5.3 U.S. Army Corps of Engineers, Jacksonville District Regulation CESAJR 385-1-1, Appendix P, "Contract Diving Operations".

10.5.4 29 CFR, Part 1910, Subpart T, OSHA Regulations.

The Dive Operations Plan is to include all the items specified in paragraph 30.A.13 of EM 385-1-1. This plan shall contain information specific to the diving operations to be performed. Submission of the plan does not constitute an endorsement on the part of the GOVERNMENT that the CONTRACTOR'S diving procedures are safe. The plan is intended to provide a method by which the CONTRACTOR demonstrates an awareness of diving standards.

10.6 **Accident Prevention Plan:** The CONTRACTOR is required to submit to the GOVERNMENT an accident prevention plan seven (7) days prior to the pre-construction conference. The accident prevention plan must be in accordance with all Federal safety standards as specified in EM 385-1-1, dated September 1996, entitled "Safety & Health Requirements Manual." Submission of the plan does not constitute an endorsement on the part of the GOVERNMENT of the CONTRACTOR'S accident prevention plan. The plan is intended to provide a method by which the CONTRACTOR demonstrates an awareness of Federal safety standards.

10.7 **Hazard Communication:** The CONTRACTOR shall comply with the requirements of OSHA 1910.1200, the Hazard Communication Standard. General requirements are as follows:

10.7.1 Provide a written program describing implementation method of the previously referenced standard. This shall be provided to the GOVERNMENT within seven (7) days prior to the pre-construction conference.

10.7.2 Ensure that the CONTRACTOR'S personnel are informed about health and physical hazards associated with materials to be used.

10.7.3 Ensure that a hazardous material inventory is available to the GOVERNMENT upon request.

10.7.4 Ensure proper labeling of hazardous material containers.

10.7.5 Ensure availability of a Material Safety Data Sheet on site.

10.8 **Oil and Hazardous Material Spills and Containment:** The CONTRACTOR shall ensure that all hazardous material spills are immediately reported to the proper authorities and to the GOVERNMENT. All hazardous material spills shall be immediately cleaned up in accordance with the U.S. Army Corps of Engineers' Safety and Health Requirements Manual, EM 385-1-1. In accordance with EM 381-1-1, the CONTRACTOR shall use suitable methods such as dikes or curbs to prevent the spread of hazardous materials from above ground storage tanks and piping in case of leakage.

10.9 **Confined Space Entry:**

10.9.1 The CONTRACTOR shall submit a confined space entry plan as part of their written proposal for accident prevention.

10.9.2 Confined space is any space having limited openings for entry and exit, not intended for continuous occupancy, and unfavorable natural ventilation which could contain or produce dangerous concentrations of airborne contaminants or asphyxiates. Confined spaces may include but are not limited to storage tanks, holds of vessels, manholes, process vessels, bins, boilers, ventilation or exhaust ducts, sewers, underground utility vaults, tunnels, pipelines, trenches, vats, and open top spaces more than 4 feet in depth such as pits, tubs, vaults and vessels, or any other place with limited ventilation.

10.9.3 Prior to entering a confined space, the Work environment shall be tested by a competent person using properly calibrated approved equipment to determine the extent of potential hazards. If the atmosphere cannot be determined by testing, an immediately Dangerous to Life and Health situation shall be assumed. The evaluation shall consider the potential for evolution of toxic substances as well as oxygen content. Testing for toxic substances shall be performed prior to each entry and on a continuous or frequent (as stipulated in the Confined Space Entry Procedure) basis while personnel are working in confined spaces.

10.10 **Trench Safety:**

10.10.1 On all parts of the Work that require trench excavation in which such excavation will exceed a depth of 4 feet, the CONTRACTOR shall

submit to the GOVERNMENT, seven (7) days prior to the pre-construction meeting, a reference to the trench safety standards that will be in effect during the period of construction of the project and written assurance by the CONTRACTOR performing the trench evacuation that such CONTRACTOR will comply with the applicable trench safety standards.

10.10.2 A CONTRACTOR performing trench excavation shall:

10.10.2.1 As a minimum, comply with the excavation standards that are applicable to a project.

10.10.2.2 Adhere to any special shoring requirements, if any, of the state or other political subdivisions which may be applicable to such a project.

10.10.2.3 Shall consider any geotechnical information when available in the CONTRACTOR'S design of the trench safety system which it will employ on the project. Nevertheless, the CONTRACTOR shall not depend on geotechnical information supplied by the GOVERNMENT for the trench safety system, but will conduct its own studies and investigations to satisfy any and all requirements for safety. This paragraph shall not require the GOVERNMENT to obtain geotechnical information or to provide any evaluations, judgments, or other assessments concerning trench excavation or the trench safety system.

10.10.2.4 Be cognizant of pipeline and infrastructure and take precautions to assure that pipelines for oil and gas or other infrastructure are not disturbed or damaged.

10.10.3 The cost of compliance with trench safety standards shall be included in the cost of all bid items that require trenching.

10.11 **Activity Hazard Analysis:** The CONTRACTOR is required to submit to the GOVERNMENT as part of its written plan for quality control an Activity Hazard Analysis, 7 days prior to the pre-construction conference. The Activity Hazard Analysis is outlined in U.S. Army Corps of Engineers' Safety and Health Requirements Manual, EM 385-1-1, Section 01.A., Figure 1-1.

10.12 **Safety Person Requirement:**

10.12.1 The CONTRACTOR shall employ at the project site a permanent Safety and Occupational Health person (Safety Officer) to manage the CONTRACTOR'S accident prevention program. The Safety Officer

shall be on duty during any work of a complex nature including, but not limited to, the relocation of utilities; work on or around structures; work on or around existing fill area dikes; fill placement in the fill area; or when blasting or other potentially hazardous activities are occurring. The principal Safety Officer shall report to and work directly for the CONTRACTOR'S superintendent or the corporate safety office. The Safety Officer shall have the authority to take immediate steps to correct unsafe or unhealthful conditions. The presence of the Safety Officer will not abrogate safety responsibilities of other personnel.

10.12.2 Qualifications for Safety Officer:

10.12.2.1 Shall have a degree in a technical or scientific field or safety in a four-year, or longer, program from an accredited school; or

10.12.2.2 Shall have at least 1 year of experience in safety and occupational health work.

10.12.3 Seven (7) days prior to the pre-construction conference, the CONTRACTOR shall submit to the GOVERNMENT, for approval, the name and qualifications of the proposed Safety Officer(s) and a functional description of duties.

10.12.4 The Safety Officer may be assigned additional duties by the CONRACTOR as long as those additional duties do not preclude or prevent completion of the safety officer duties.

10.13 **Hurricane and Severe Storm Plan:** The CONTRACTOR shall submit a Hurricane and Severe Storm Plan within seven (7) days prior to the pre-construction conference. This plan shall include but not be limited to the following:

10.13.1 Time intervals before storms strike the project area when action will be taken and details of the actions to be taken. The plan should be specific as to what weather/wave conditions will require Work shutdown, removal of dredge, and affect on all other work-related activities.

10.13.2 List of the equipment to be used on the job and its ability to handle adverse weather and wave conditions.

10.13.3 List of safe harbors or ports and the distance from the Work area to these harbors and the time required to move the equipment to these harbors or ports and copies of letters of approval for the use of these

safe harbors or ports (local authorities, U.S. Coast Guard, etc.) where applicable.

10.13.4 Method of securing equipment in these safe harbors or ports.

10.13.5 List of equipment to be utilized to make this move to safe harbors or ports (tug boats, work boats, etc.), to include the name and horsepower of this equipment. The plan will include only equipment capable of making the move to safe harbors or ports in adverse weather or sea conditions.

10.13.6 Methods of securing equipment not moved; i.e., pipelines (floating or submerged), pumpout stations, etc.

10.13.7 Plan of evacuation to include interim measures; i.e., immediate reaction plans to be taken for all storm occurrences, particularly sudden/flash storms.

10.13.8 Operating procedures to be undertaken when critical dredge equipment fails during sudden and severe adverse weather conditions, to include breaking of spuds, swing wires, anchor wires, or other mooring equipment or facilities, or inability of tugs or similar vessels to secure the dredge.

The CONTRACTOR shall continually monitor the NOAA marine weather broadcasts, and avail themselves of such other local commercial weather forecasting services as may be available. Submission of a Hurricane and Severe Storm Plan does not constitute an endorsement on the part of the GOVERNMENT as to the adequacy of the plan.

10.14 **Record Keeping:** The CONTRACTOR shall maintain all required OSHA records. Records of safety performance shall be available at the project site for inspection upon request of the GOVERNMENT.

10.15 **Discovery of Unknown Potentially Hazardous Conditions and Materials/Substances:** In the event conditions, materials, or substances are encountered during the course of the work that cause the CONTRACTOR to reasonably suspect the presence of asbestos, polychlorinated biphenyl (PCB) or other hazardous materials, the CONTRACTOR shall cease all work in the affected area immediately and notify the COTR by telephone. The affected area will be cordoned off and signage placed in order to prevent access by any personnel. The CONTRACTOR shall not proceed with further work of any kind in the affected area until instructions are received from the COTR. Upon identification of the material or substance and receipt of written instructions from the COTR, the CONTRACTOR may proceed only in accordance with the

instructions of the COTR and the applicable code or regulation pertaining to the specific material identified.

11. FIRE EXTINGUISHER-MOBILE CONSTRUCTION EQUIPMENT

The CONTRACTOR is specifically required to provide, at minimum, a fire extinguisher on all mobile construction equipment with at least a basic minimum extinguisher rating of 20-B:C; which is equivalent to a 10-15 pound dry chemical extinguisher, effective against the hazard involved; combustible, flammable liquids and materials used in areas remote to other fire extinguisher equipment.

12. SIGNAL LIGHTS

The CONTRACTOR shall display signal lights and conduct its operations in accordance with the General Regulations of the Department of the Army and of the U.S. Coast Guard governing lights and day signals to be displayed by towing vessels with tows on which no signals can be displayed, vessels working on wrecks, dredges and vessels engaged in laying cables or pipes or in submarine or bank protection operations, lights to be displayed on dredge pipeline and day signals to be displayed by vessels of more than 65 feet in length moored or anchored in a fairway or channel and the passing by other vessels or floating plant working navigable channels, as approved by the Secretary of the Army and Commandant, U.S. Coast Guard. (33 C.F.R. 80.18 - 8-31a: 33 C.F.R. 95.51 - 95.66; 33 C.F.R. 9.22 - 90.36; 33 C.F.R. 82 and C.G. Pub. 169, Navigation Rules, International-Inland dated May 1 1977) (DAR 7-603.33).

13. NOTICE TO MARINERS

The CONTRACTOR shall issue a Notice to Mariners regarding the dredging and disposal operation within twenty-four (24) hours after the Notice to Proceed has been received. A copy of the Notice to Mariners shall be provided to the GOVERNMENT. Should the CONTRACTOR, during dredging operations, encounter any objects on the ocean bottom, which could be a hazard to navigation, it will notify the U.S. Coast Guard, any other pertinent agencies, and the GOVERNMENT immediately as to the location of said object and any other pertinent information necessary for the CONTRACTOR to put out a Notice to Mariners.

14. CRANE AND DRAGLINE SAFETY REQUIREMENTS

All cranes used in performing the Work set forth in these specifications shall be equipped with geared boom hoists which require the application of power to raise and lower the boom or shall be otherwise equipped with mechanisms which will prevent the booms from being lowered by gravity. Cranes that are equipped with booms that can be lowered by either gravity or by power shall have the mechanisms for operating the booms by gravity made inoperative so that the booms cannot be lowered by gravity. The booms of all cranes and draglines shall also be equipped with shock absorbing type backstops to prevent them from overtopping.

15. PUMPING OF BILGES

CONTRACTOR'S are cautioned that pumping oil or bilge water containing oil into navigable water or into areas that would permit the oil to flow into such waters, is prohibited by Section 13 of the Rivers and Harbors Act of 1899 approved March 3, 1899 (30 Stat. 1152; 33 U.S.C. 407). Violation of this prohibition is subject to penalties provided for under the referenced acts.

16. NIGHTTIME OPERATIONS

Nighttime is defined as the period of time from sunset to sunrise. During nighttime operations, the CONTRACTOR shall utilize lighting that is necessary to safely accomplish the work. It is the responsibility of the CONTRACTOR to meet lighting requirements contained in the permits for the project, while also meeting OSHA lighting requirements and to ensure safety on the job site. The CONTRACTOR shall shield or orient the lights to maximally confine the light employed to the work area. Beach grading and dressing will be limited to daylight hours only. Diking will be allowed at night on an as needed basis. The CONTRACTOR is strongly encouraged to conduct as much required work as possible during daylight hours.

17. TEMPORARY CONTROLS/ENVIRONMENTAL PROTECTION

The CONTRACTOR shall provide environmental protection including, but not limited to, control of noise, rubbish, and protection of natural resources.

18. CONTRACTOR QUALITY CONTROL

18.1 **General:** The CONTRACTOR is responsible for quality control and shall provide and maintain an effective quality control program.

18.2 **Daily Quality Control Reports:** Daily Quality Control Reports (**Appendix IV**) shall be provided to the GOVERNMENT on a daily basis without exception.

18.3 **Quality Control System:** The CONTRACTOR shall establish a quality control system to perform sufficient inspections and tests of all items of Work, including that of its subcontractors, and to insure conformance to applicable provisions of the Contract Documents and Plans with respect to the materials, workmanship, construction, finish, and functional performance. Quality control will be established for all construction activities except where the Technical Provisions of the Contract provide for specific GOVERNMENT control by observation, tests, or other means. The CONTRACTOR'S control system will specifically include the surveillance and tests required in the Technical Provisions.

18.4 **Compliance with Contract Documents:** The CONTRACTOR'S quality control system is the means by which the CONTRACTOR is assured that the construction complies with the requirements of the Contract Documents, including all project permits. The controls shall be adequate to cover all construction operations and shall be keyed to the proposed construction sequence.

18.5 **Supervisory Staff:** The CONTRACTOR'S job supervisory staff may be used for quality control, supplemented as necessary by additional personnel for surveillance, by special technicians, or by testing facilities with the expertise to provide for the controls required by the Technical Provisions.

18.6 **Quality Control Plan:** The CONTRACTOR shall furnish to the GOVERNMENT at least seven (7) days prior to the pre-construction conference, a written quality control plan which shall include the procedures, instructions, and reports to be used. Unless specifically authorized by the GOVERNMENT, no construction will be started until the CONTRACTOR'S quality control plan is approved by the GOVERNMENT. This document will include as a minimum:

18.6.1 The quality control organization.

18.6.2 The number and qualifications of personnel to be used for this purpose.

18.6.3 Authority and responsibility of quality control personnel.

18.6.4 Methods of quality control including that for subcontractor work. Methods shall include items to be inspected, types of inspections, and duties of personnel.

18.6.5 Method of documenting quality control operations, inspection, and testing.

18.6.6 Safety inspection procedures, including employees responsible for supervising accident prevention activities and insuring compliance with safety measures.

18.6.7 Medical emergency procedures, including employees responsible for supervision of medical emergencies.

18.6.8 Written instructions to the CONTRACTOR'S representative responsible for quality control outlining their duties and responsibilities and signed by a responsible officer of the firm.

18.6.9 An Activity Hazard Analysis.

18.6.10 A copy of daily quality control report forms and other inspection documents that are to be furnished to the GOVERNMENT daily. A sample "Daily Quality Control Report" is included as Appendix IV to the General Conditions. This report will be used by the CONTRACTOR as the Daily Quality Control Report to be provided to the GOVERNMENT. A different report format may be substituted by the CONTRACTOR if: (1) it contains, at minimum, the same

information and (2) it is approved in advance, in writing, by the GOVERNMENT.

18.8 **Daily Quality Control Report Requirements:** All compliance inspections will be recorded on the Daily Quality Control Report, including, but not limited to, the specific items required in each technical section of the specifications. This form shall include records of non-conforming items and corrective action taken and shall be furnished to the GOVERNMENT daily by 2:00 p.m. the following day. The Daily Quality Control Report shall be filled out every day, regardless of whether Work is accomplished, starting on the first day of mobilization and ending on the last day of demobilization. Failure to provide Daily Quality Control Reports to the GOVERNMENT shall result in retainage being held from the CONTRACTOR'S progress payments until the Daily Quality Control Reports are received and are acceptable to the GOVERNMENT.

18.9 **Failure of Quality Control Plan:** If reoccurring deficiencies in an item or items indicate that the quality control system is not adequate, or reports are not being provided in a timely manner, the CONTRACTOR shall undertake such corrective actions as directed by the GOVERNMENT.

18.10 **CONTRACTOR'S Requirements:** The CONTRACTOR shall be responsible for making such inspections, surveys, and tests as may be necessary to assure compliance with all the requirements of the Contract Documents and applicable permits. Reports of all inspections, surveys and tests and remedial actions shall be submitted to the GOVERNMENT in writing.

18.11 **Right to Use CONTRATOR'S Equipment:** The GOVERNMENT reserves the right to utilize the CONTRACTOR'S control testing laboratory, survey, and other equipment to make spot tests and surveys, and to check the CONTRACTOR'S testing and survey procedures, techniques, and results (where applicable).

18.12 **No Separate Payment:** No separate payment will be made for CONTRACTOR quality control. All costs associated with compliance with this section shall be incorporated into the unit cost for dune and beach fill, and for marsh fill.

19. SUBMITTALS

19.1 **Related Documents:** Drawings, General Conditions, Technical Provisions, and Environmental Protection Sections apply to this Section.

19.2 **Definitions:**

19.2.1 Submittal: Shop drawings, survey data, dredge positioning data, samples, and administrative and closeout submittals presented for review and approval.

19.2.2 Types of Submittals: All submittal descriptions are classified in the following five groupings of submittals:

19.2.2.1 Shop Drawings: As used in this Section, drawings, schedules, diagrams, and other data prepared specifically for this Contract, by the CONTRACTOR or through the CONTRACTOR by way of a subcontractor to illustrate a portion of the work.

19.2.2.2 Survey Data: Data depicting the ground elevations in and near the project site before, during, and after construction.

19.2.2.3 Dredge positioning data: Data indicating the location and elevation of the dredge's excavation device while excavation is taking place.

19.2.2.4 Samples: Physical examples of materials that are physically identical to a portion of the work, illustrating a portion of the work.

19.2.2.5 Administrative and Closeout Submittals: Data presented for reviews and approval to ensure that the administrative requirements of the project are adequately met but not to ensure directly that the work is in accordance with the design concept and in compliance with the Contract Documents.

19.3 **<u>Description</u>:**

19.3.1 Work Included: Provide submittals required by the Contract Documents; revise and resubmit as necessary to establish compliance with the specified requirements.

19.3.2 Related Work: Individual requirements for submittals are described in pertinent sections of these specifications.

19.3.3 Work not included:

19.3.3.1 Submittals not required by the contract documents will not be reviewed by the GOVERNMENT.

19.3.3.2 The CONTRACTOR may require its sub-Contractors to provide drawings, diagrams, and similar information to help coordinate the work, but such data shall remain between the CONTRACTOR and its sub-contractors and will not be reviewed by the GOVERNMENT except where material being

provided requires modifications to the locations, piping, or other configurations shown in the contract documents.

19.4 **<u>Quality Assurance</u>:**

19.4.1 Coordination of Submittals:

19.4.1.1 Prior to each submittal, the CONTRACTOR shall carefully review and coordinate all aspects of each item being submitted.

19.4.1.2 The CONTRACTOR shall verify that each item and the submittal for it conform in all respects with the specified requirements.

19.4.1.3 By affixing the CONTRACTOR'S signature to each submittal, certify that this coordination has been performed.

19.4.1.4 Materials or equipment ordered, fabricated, or shipped before the GOVERNMENT returns to the CONTRACTOR the submissions herein required marked either "Approved" or "Approved As Noted" is at the CONTRACTOR'S own risk.

19.4.2 CONTRACTOR'S Review Stamp: Notwithstanding the CONTRACTOR'S review stamp, submittals with readily apparent omissions or deficiencies that could be eliminated by competent and thorough CONTRACTOR checking will be rejected by the GOVERNMENT without comment except to note on transmittal "Not Adequately Checked by CONTRACTOR." The transmittal and submittal data will be returned to the CONTRACTOR.

19.4.3 Substitutions:

19.4.3.1 The Contract is based on the standards of quality established in the Contract Documents.

19.4.3.2 No substitute materials, equipment, or methods will be permitted unless the CO has specifically approved such substitution in writing for this work.

19.4.4 "Or Equal":

19.4.4.1 Where the phrase "or equal," or "or equal as approved by the GOVERNMENT," occurs in the Contract Documents, the CONTRACTOR shall not assume that the materials, equipment, or method will be approved as equal unless the

item has been specifically so approved for this work by the GOVERNMENT.

19.4.4.2 The decision of the GOVERNMENT shall be final.

19.4.5 Reproduction of Contract Documents: Reproduction of the Contract Documents (drawings or specifications) is unacceptable for submittal purposes. Submittals including reproductions of the Contract Documents will be rejected. Transmittal and submittal data will be returned to CONTRACTOR.

19.5 <u>Submittals</u>:

19.5.1 The GOVERNMENT will stamp submissions in one of the following ways:

Approved –A: No exceptions are taken and subject to compliance with the Contract Documents.

Approved As Noted – AN: Minor corrections are noted and a re-submittal is not required subject to compliance with the corrections and the Contract Documents.

Disapproved – D: The submitted material, method or system is totally rejected and does not meet the intent of the Contract Documents. Resubmission is required and it is the CONTRACTOR'S responsibility.

Correct and Resubmit – R: The CONTRACTOR is responsible for revising its submittal and resubmitting.

Not Adequately Checked by Contractor-NAC: The submitted materials, method, or system has readily apparent omissions or deficiencies.

19.5.2 Submission Procedures:

19.5.2.1 The CONTRACTOR is required to submit to the GOVERNMENT seven (7) copies of each submittal package.

19.5.2.2 If a submission is satisfactory to the GOVERNMENT, the GOVERNMENT will annotate the submission, "Approved" or "Approved As Noted" and two (2) copies will be transmitted to the CONTRACTOR. If a resubmission is required, the GOVERNMENT will annotate the submission "Disapproved," or "Correct and Resubmit," and transmit two (2) copies to the CONTRACTOR for appropriate action. If a submission is marked "Not Adequately Checked by CONTRACTOR-NAC,"

the GOVERNMENT will transmit two (2) copies to the CONTRACTOR for appropriate action.

19.5.2.3 The CONTRACTOR shall revise and resubmit submissions as required by the GOVERNMENT until submissions are acceptable to the GOVERNMENT. The CONTRACTOR is responsible for any an all time and delay associated with the resubmission process.

19.5.2.4 A re-submitted submittal shall include the entire submittal, be complete, and include all data, etc., related to all components. Re-submittal of only items that received comments is not acceptable. Review is for the entire submittal only, not portions thereof.

19.5.2.5 Approval of a shop drawing by the GOVERNMENT will constitute acceptance of the subject matter for which the drawing was submitted and not for any other structure, material, equipment, or appurtenances indicated or shown.

19.5.2.6 The GOVERNMENT review of the CONTRACTOR'S submissions shall in no way relieve the CONTRACTOR of any of its responsibilities under the Contract. Approval of a submission shall be interpreted only to mean that the GOVERNMENT has no specific objections to the submitted material, subject to conformance with the Contract Documents.

19.5.2.7 Where as-built drawings, record drawings, or specifications are available and provided to the CONTRACTOR for use in performing the work, the CONTRACTOR shall verify the content of such drawings or specifications, in the suitability and accuracy for use in performing the work. In no case shall the CONTRACTOR assume that such documents reflect a true and accurate record of the construction. Acceptance of any such materials, records, or drawings shall in no way result in additional cost to the GOVERNMENT should an error or omission in these documents result in additional costs to the CONTRACTOR.

19.6 <u>Shop Drawings</u>:

19.6.1 Scale and Measurements: The CONTRACTOR shall make accurate shop drawings on a scale sufficiently large to show all pertinent aspects of the item and its method of connection to the work.

19.6.2 Types of Prints Required: The CONTRACTOR shall submit shop drawings in the form of seven prints or copies of each sheet. The GOVERNMENT will retain five copies and two copies will be returned to the CONTRACTOR.

19.6.3 Review Comments: The review comments of the GOVERNMENT will be shown on the submittal data when it is returned to the CONTRACTOR. The CONTRACTOR may make and distribute such copies as are required for its purposes.

19.7 **Survey Data and Dredge Positioning Data:** See Technical Provisions sections entitled “AS-BUILT SURVEY” and “DREDGE LOCATION CONTROL”.

19.8 **Samples:**

19.8.1 The CONTRACTOR shall provide a sample or samples identical to the precise article proposed to be provided. Identify sample or samples as described under "Identification of Submittals" in this section.

19.8.2 Number of Samples Required: Unless otherwise specified, submit samples in the quantity required in the specifications.

19.9 **Administrative and Closeout Submittals:** Unless otherwise specified, submit five copies of administrative and closeout submittals.

19.10 **Identification of Submittals:**

19.10.1 Number All Submittal Transmittals with Task Numbers Indicated on the Schedule of Deliverables List. When material is resubmitted for any reason, the CONTRACTOR shall transmit under a new letter of transmittal and with original transmittal number with a suffix A, B, C, etc. as may be appropriate to indicate that it is a subsequent submittal.

19.10.2 Accompany each submittal with a letter of transmittal showing all information required for identification and checking. Indicate general conditions, technical provisions and environmental protection paragraph number, section number, and/or drawings sheet number, as required to identify each submittal item.

19.10.3 On at least the first page of each submittal, and elsewhere as required for positive identification, show the submittal transmittal task number in which the item was included.

19.10.4 Maintain an accurate submittal log for the duration of the work, showing the current status of all submittals at all times. Make the

submittal log available to the GOVERNMENT for review upon request.

19.11 **<u>Grouping of Submittals</u>:** Unless otherwise specified, make submittals in groups containing all associated items to assure that information is available for checking each item when it is received.

19.11.1 Partial submittals may be rejected as not complying with the provisions of the Contract.

19.11.2 The CONTRACTOR may be held liable for delays so occasioned.

19.12 **<u>Timing of Submittals</u>:** In scheduling, allow at least ten (10) and no more than fifteen (15) working days for review by the GOVERNMENT following its receipt of the submittal.

19.13 **<u>GOVERNMENT'S Review</u>:**

19.13.1 Review by the GOVERNMENT does not relieve the CONTRACTOR from responsibility for errors that may exist in the submitted data.

19.13.2 Revisions:

19.13.2.1 Make revisions required by the GOVERNMENT.

19.13.2.2 If the CONTRACTOR considers any required revision to be a change, he shall so notify the GOVERNMENT as provided in the general conditions.

19.13.2.3 Make only those revisions directed or approved by the GOVERNMENT.

19.13.3 The GOVERNMENT reserves the right to require additional submittals, whether or not particularly mentioned in this contract. If the CO requests additional submittals beyond those required by the contract, an adjustment in contract price and time will be made in accordance with clause titled Changes (FAR 52.243-4).

19.14 **<u>Forwarding Submittals</u>:**

19.14.1 Forward all submittals from the CONTRACTOR to the Engineer:

Coastal Planning & Engineering, Inc.
2481 N.W. Boca Raton Blvd.
Boca Raton, FL 33431

At the time of transmittal to the Engineer, the CONTRACTOR shall also send a copy of the complete submittal directly to the COTR.

Mr. Jason Manthey
Department of Commerce, NOAA/PPMD-Eastern Region
601 East 12th Street, Room 1749
Kansas City, MO 64106-2826

19.14.2 Submittals from subcontractors will not be accepted or reviewed by the GOVERNMENT.

19.15 **Submittals by Fax:** Submittals by FAX will not be accepted or reviewed by the Engineer. GOVERNMENT will discard FAXED submittals without notice to CONTRACTOR.

20. CONSTRUCTION SCHEDULES

20.1 **General:** Work included in this Section consists of preparation, submittal, and updating of the project schedules.

20.2 **Submittals:** Submit the following submittals to the GOVERNMENT in accordance with general condition submittals section. Submittals are for the record or approval, as indicated.

20.2.1 Proposed construction schedule shall be submitted for approval at least seven (7) days prior to the pre-construction conference.

20.2.2 Project status curve shall be submitted for approval at least seven (7) days prior to the pre-construction conference.

20.3 **Construction Schedule:** The construction schedule shall show all work activities for completion of the work to be performed under this contract and will reflect CONTRACTOR'S general sequential approach to the work. The construction schedule will be in either arrow diagram, precedence diagram, or bar chart format. The project schedule shall indicate, at a minimum, the start of work, the inspection hold points, the start of excavation, the marsh construction period, the construction period for the beach and dune, the hydraulic fill placement completion date, and the completion of all work. The construction schedule shall demonstrate completion of all work within the period of performance of the contract in a reasonable and achievable manner.

20.4 **Project Status Curve:** The project status curve ("S" shape curve) shall establish the relationship between construction progress and contract time elapsed. This curve will be used to determine if the CONTRACTOR'S progress is satisfactory to ensure timely completion.

20.5 **Periodic Schedule Updates:** The CONTRACTOR shall support periodic payment requests with an approved construction schedule and project status curve with both marked to indicate progress. The CONTRACTOR shall submit updated schedule on or before 2pm each Friday for at least the subsequent two weeks. While the construction schedule and status curve may undergo periodic revisions as discussed below, the marked versions shall clearly show the progress history through the current invoice period. When in the opinion of the GOVERNMENT, changes in the work occur that significantly affect the schedule, the CONTRACTOR shall submit a revised construction schedule and project status curve for approval. The revised construction schedule and project status curve shall be submitted within five (5) days after it is requested by the GOVERNMENT. The current approved construction schedule and project status curve shall be used as a baseline for progress reporting.

21. PROJECT MEETINGS

21.1 **Scope:** Project meetings will be conducted periodically to enable orderly review during progress of the work and to provide for systematic resolution of problems. CONTRACTOR'S jobsite supervisor and other responsible CONTRACTOR employees shall attend and participate in these meetings. The CONTRACTOR representative shall have the authority to commit CONTRACTOR to activities under the contract.

21.2 **Meeting Location:** Progress meetings will be held at or near the project site. Progress meetings may be conducted via telephone conference call.

21.3 **Pre-Construction Meeting:** A pre-construction meeting will be held at New Orleans, LA or Baton Rouge, LA before the CONTRACTOR begins any work at the project site. The CONTRACTOR shall ensure attendance by an individual authorized to sign the contract, its Project Manager, jobsite supervisor and major subcontractors.

21.3.1 Data and information on at least the following topics will be distributed and discussed.

21.3.1.1 Organizations.

21.3.1.2 Responsibilities and authority of Contracting Officer's Technical Representative (COTR).

21.3.1.3 Contract documents, including distribution of required copies of original documents and revisions.

21.3.1.4 Channels and procedures for communication.

21.3.1.5 Discuss all deliverables that are required to be submitted prior to this meeting.

21.3.1.6 Bonds, insurance requirements, permits, and proof of compliance.

21.3.1.7 Construction schedule.

21.3.1.8 Invoicing and progress payments.

21.3.1.9 Field decisions and change orders.

21.3.1.10 Rules and regulations governing performance of the work.

21.3.1.11 Procedures for safety, first aid, security, quality control, and housekeeping.

21.3.1.12 Reports.

21.3.1.13 Permits.

21.3.1.14 Construction inspectors.

21.4 **Progress Meetings:** Progress meetings will be conducted, at a minimum, weekly. The CONTRACTOR's superintendent shall be available to participate in all progress meeting. Additionally, whenever the COTR visits the project site, the CONTRACTOR'S superintendent shall be available to attend an informal meeting of approximately 1 hour in duration.

21.4.1 Attendance:

21.4.1.1 To the maximum extent practicable, the CONTRACTOR shall assign the same person or persons to represent the CONTRACTOR at project meetings throughout progress of the work.

21.4.1.2 The CONTRACTOR may invite subcontractors, materials suppliers, and others to attend those project meetings in which their aspect of the work is involved.

21.4.2 Minimum agenda:

21.4.2.1 Review unresolved items of previous meetings.

21.4.2.2 Review progress of the work, including status of submittals and approvals.

21.4.2.3 Identify problems, which affect planned progress, and develop corrective measures to regain planned schedule.

21.4.2.4 Review CONTRACTOR'S quality control.

21.4.2.5 Identify next and remaining inspection hold points, and determine an approximate inspection schedule.

21.4.2.6 Review CONTRACTOR'S safety plan.

21.4.3 The CONTRACTOR is required to provide all meeting minutes and distribute these minutes to all necessary parties within two (2) days following the meeting.

21.5 **Telephone Communications:** It is anticipated that there will be many occasions in the period between COTR site inspections, when the COTR and CONTRACTOR need to communicate. The CONTRACTOR shall provide telephone numbers of two responsible CONTRACTOR employees to the GOVERNMENT at least seven (7) days prior to the pre-construction conference. The COTR will provide the CONTRACTOR with contact telephone numbers for GOVERNMENT representatives.

22. CONSTRUCTION UTILITIES

22.1 **General:** The CONTRACTOR shall provide utility services.

22.2 **Water:** The CONTRACTOR shall provide all water for construction.

22.3 **Electricity**: The CONTRACTOR shall provide electrical service for construction.

22.4 **Telephone:** The CONTRACTOR shall provide telephone service for construction.

22.5 **Sanitary:** The CONTRACTOR shall furnish and maintain chemical toilets for use by its employees on the project site.

23. SECURITY

23.1 **General:** The CONTRACTOR shall provide security for CONTRACTOR personnel, work in progress, work completed but not accepted, and CONTRACTOR materials, tools, and equipment.

23.2 **Personnel:** The CONTRACTOR shall be responsible for its personnel, its subcontractor's personnel, and its material suppliers while at the work site. This includes, but is not limited to, restricting access to the project site to only those personnel working at or having business upon the project site and to restricting personnel to the designated access, laydown area, and the project site. The only

exception to this will be when personnel are working on related site systems (e.g., oil and gas infrastructure/pipelines, sewage, electrical supply, and telephone).

23.3 **Work in Progress:** The CONTRACTOR shall be responsible for the protection and safe keeping of all work in progress, prior to the time of occupancy or final acceptance by the GOVERNMENT. At the Contracting Officer's option, work in progress which is damaged shall be repaired or replaced by CONTRACTOR.

23.4 **CONTRACTOR Materials, Tools, and Equipment:** The CONTRACTOR shall be responsible for the security and protection of its own stored materials, small tools, and equipment. Any materials, tools, or equipment which are stolen, unaccounted for, or damaged, and which are required for the progress of the work, shall be replaced promptly by CONTRACTOR.

24. FACILITIES AND SUPPORT PROVIDED BY THE CONTRACTOR

24.1 **Boarding Facilities:** The CONTRACTOR shall provide boarding facilities for one full-time observer. Quarters and meals shall be included.

24.2 **Job Office:** The CONTRACTOR shall provide an office at the job site, acceptable to the GOVERNMENT, for the observer and one other GOVERNMENT personnel. The office shall be separate from the CONTRACTOR's office, work, and storage areas. The office shall be at least 120 square feet and be equipped with sufficient 110 volt electrical outlets to operate office equipment supplied by the GOVERNMENT. The CONTRACTOR shall have electrical power supplied to the office. Access to phone and fax facilities will be provided by the CONTRACTOR. The office shall be provided with lighting, heat, and air conditioning. Furnishings shall consist of a work/small conference table, a drafting table with stool, one desk or plan table sufficiently large to view full-size plans, one filing cabinet, and two chairs.

24.3 **Inspector Transportation:** In addition to the requirements of 24.1, the GOVERNMENT'S full time observer may elect to establish an office in Grand Isle, LA (at the GOVERNMENT's cost). At the GOVERNMENT's request, the CONTRACTOR shall provide dedicated boat transportation for the observer to access the work from Grand Isle or the CONTRACTOR's boarding facilities (if not located on the island). The boat shall be a minimum of 20 feet in length, have at least a 75 horsepower engine, have at least a bimini top, and be capable of safely transporting 4 people. The CONTRACTOR shall provide all fuel, dockage, and maintenance of the boat. The CONTRACTOR shall also provide daily transportation to and from the dredge as requested by the observer. The CONTRACTOR will provide full access to all portions of the project area including onshore and offshore facilities. If the CONTRACTOR does not provide transportation sufficient to fulfill the observer's requirements, the GOVERNMENT shall rent the required transportation. This cost will be deducted from the demobilization amount due to the CONTRACTOR upon final payment.

24.4 **<u>GOVERNMENT Transportation</u>:** Every week the CONTRACTOR will provide transportation and one noontime meal for three (3) additional GOVERNMENT personnel. Transportation from a land-based facility will be required with a return to the same facility at the end of the day. The CONTRACTOR will provide full access to all portions of the project area including onshore and offshore facilities. On occasion the GOVERNMENT will require additional transportation support from the CONTRACTOR for an unspecified number of personnel. Advanced notice will be provided to the CONTRACTOR for such visits.

25. GOVERNMENT ACCESS TO THE DREDGE AND PROJECT SITE

The GOVERNMENT shall have unlimited access to the dredge, fill, and spoil sites. The CONTRACTOR will be required to furnish, at the request of the GOVERNMENT suitable transportation from the shore to and from the various pieces of equipment, including the dredge, fill area, and from the spoil sites, as required to administer the Contract Documents. The GOVERNMENT is to have free access to the materials and the Work at all times for laying out, measuring, and observing, and the CONTRACTOR is to afford all necessary facilities, transportation, and assistance for doing so. The presence or absence of the GOVERNMENT shall not relieve the CONTRACTOR of responsibility for the proper execution of the Work in accordance with the specifications.

26. AMERICAN BUREAU OF SHIPPING (ABS) CERTIFIED DREDGE FOR FILL PLACEMENT

26.1 **<u>Dredge Capacity</u>:** The CONTRACTOR agrees to keep on the job sufficient equipment to meet the requirements of the Work. The dredge shall be in satisfactory operating condition, shall be reliable in its performance and capable of safely and efficiently performing the Work as set forth in the Contract Documents. The dredge shall be of sufficient size and capacity to complete the Work in a timely manner, meeting or exceeding Contract Document requirements for the construction time period. The CONTRACTOR shall indicate the size and capacity of the dredging equipment that will be used on this project at the time of bid. The listing of this dredging equipment shall not be construed as an agreement on the part of the GOVERNMENT that it is adequate for the performance of the Work.

26.2 **<u>American Bureau of Shipping Certification for Open Ocean Operation</u>:** The CONTRACTOR shall obtain any and all American Bureau of Shipping (A.B.S.) and U.S. Coast Guard dredge certifications and/or approvals required for the project described herein, which allow for the open ocean operation of the dredge. A copy of the A.B.S. or U.S. Coast Guard certifications and approvals must be provided to the GOVERNMENT at the time of bid, demonstrating that the plant proposed for use on the project is licensed and certified to conduct open water (Gulf of Mexico) work.

26.3 **<u>No Reduction in Dredge Capacity</u>:** No reduction in the capacity of the dredge employed on the Work shall be made except by written permission of the GOVERNMENT. The measure of the "capacity of the dredge" shall be its actual performance on the Work to which these specifications apply. The GOVERNMENT, at their discretion, may order a field test of the capacity of the dredge at the CONTRACTOR'S expense. If the dredge, in the GOVERNMENT'S opinion, is not of sufficient capacity to complete the Work in the contract time period, the GOVERNMENT may direct the CONTRACTOR to replace the dredge with a larger capacity dredge.

27. LEGAL RESTRICTIONS AND TRAFFIC PROVISIONS

The CONTRACTOR shall conform to all applicable laws, regulations, or ordinances with regard to labor employed, minimum wage, equipment certification, laws, hours of Work and their general operations. The CONTRACTOR shall so conduct their operations that he shall not close any thoroughfare nor interfere in any way with traffic on railway, highways, or on water, without the written consent of the proper authorities. The regulations the CONTRACTOR shall adhere to are those established by, but not necessarily limited to, the Department of the Navy, U.S. Coast Guard, Department of the Army, American Bureau of Shipping, Louisiana Department of Natural Resources, and Plaquemines Parish.

28. DELAYS AND EXTENSIONS OF TIME

28.1 **<u>Time Extension for Unavoidable Delays Caused by Severe Weather or Sea State</u>:** Time extension for delays for severe weather or sea state will be granted if:

28.1.1 It affects operations related to working in the Gulf of Mexico. Sea state related delays will not be granted for work in the fill area.

28.1.2 A request is made IN WRITING to the GOVERNMENT within 3 days of the onset of the delay.

28.1.3 The delay is substantiated, IN WRITING and with data from an independent wave/weather source, within 14 days of the onset of the delay, to the satisfaction of the GOVERNMENT.

28.1.4 The GOVERNMENT agrees that the weather and/or sea state conditions, and the number of days of extensions requested, are warranted and qualify for an extension of time.

28.2 **<u>Permit Time Extensions</u>:** If construction is not completed within the time frame of the permits, the GOVERNMENT may seek modification of permits to allow construction past permit deadline for construction completion. If the GOVERNMENT is unsuccessful in obtaining an extension of time in the permits to complete construction, or if the time extension granted to the GOVERNMENT

is not sufficient to complete construction, then the GOVERNMENT may take one of the following actions:

28.2.1 The CONTRACTOR will be required to remobilize, at the CONTRACTOR's own expense, and complete the project as permit conditions and time frames allow.

28.2.2 Negotiate with the CONTRACTOR to seek an acceptable agreement allowing for project completion when (if) permits and regulatory agencies allow for the resumption of project construction activities.

29. PROTECTION OF PROPERTY, WORK, AND PERSONS

29.1 **Protection of Property:** The CONTRACTOR shall be responsible for the preservation of all public property, private property, and survey monuments. The CONTRACTOR shall use suitable precautions necessary to prevent damage to pipes, conduits, and other underground or submerged structures and shall protect carefully from disturbance to or damage to all land monuments, State and United States bench marks, geodetic and geological survey monuments, bench marks, and property markers until an authorized agent has witnessed or otherwise referenced their location, and shall not remove them until directed. The CONTRACTOR shall repair, at once and at their own expense, any utility lines that he damages. The CONTRACTOR shall be responsible for any damage to public or private property by or on account of any act, omission, neglect, or misconduct in the execution of the work, or on account of defective work material and he shall restore at their own expense, such property to a condition similar or equal to that existing before such damage was done, by repairing, rebuilding, or otherwise restoring same, or he shall make good such damage or injury in an acceptable manner. In case of failure on the part of the CONTRACTOR to restore such property or make good such damages or injury, the GOVERNMENT may, after forty-eight (48) hours written notice proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary and the cost thereof will be deducted from any monies due or which may become due the CONTRACTOR under their Contract. In case no money is due or to become due, their surety shall be held until damages, all suits, or claims shall have been settled and suitable evidence to that effect furnished the GOVERNMENT.

29.2 **Landowner Requirements:** The GOVERNMENT has obtained all temporary easements, servitudes, and right-of-way agreements required for construction of the project. The agreements executed with landowners for the Work at the site contain special requirements. The CONTRACTOR shall abide by the following stipulations as set forth by the respective landowners:

29.2.1 **Burlington Resources:** The project is located partially on Burlington Resources land. The CONTRACTOR shall notify Mr. Jeff DeBlieux not less than ten (10) working days prior to mobilization. Mr. DeBlieux can be reached at (985) 853-3009.

29.2.2 **Plaquemines Parish Government:** The project is located partially on Plaquemines Parish Government land. The CONTRACTOR shall notify Mr. Andrew MacInnes not less than ten (10) working days prior to mobilization. Mr. MacInnes can be reached at (504) 297-5320.

29.2.3 **Plaquemines Parish School Board:** The project is located partially on Plaquemines Parish School Board land. The CONTRACTOR shall notify Mr. Jim Hoyle not less than ten (10) working days prior to mobilization. Mr. Hoyle can be reached at (504) 392-4970.

29.3 **Leaseholder Requirements**: The GOVERNMENT has obtained all temporary easements, servitudes, and right-of-way agreements required for construction of the project. The agreements executed with leaseholders for the Work at the site contain special requirements. The CONTACTOR shall abide by the following stipulations as set forth by the respective leaseholders.

29.3.1 **Tennessee Gas Pipeline Company:** The CONTRACTOR shall notify Tennessee Gas Pipeline Company not less than forty-eight (48) hours in advance of any construct work pursuant to the Project. Notice may be given in person or by telephone to Mike Bryan in the Houma office, Phone (985) 879-3516 (*Ext. 2023).

29.3.2 **Hunt Oil:**

29.3.2.1 The CONTRACTOR shall notify representatives of Hunt Oil not less than seventy-two (72) hours in advance of the pre-construction conference to facilitate Hunt Oil's participation in the pre-construction conference. The contact party for Hunt Oil is Mr. Ken Babin, District Superintendent, (985) 858-5012, (cell # 985-855-5256), P. O. Box 4136, Houma, LA 70361.

29.3.2.2 The CONTRACTOR shall notify representatives of Hunt Oil not less than seventy-two (72) hours in advance of any construction work in the vicinity of Hunt's Infrastructure. The contact party for Hunt Oil is Mr. Ken Babin, District Superintendent, (985) 858-5012, (cell # 985-855-5256), P. O. Box 4136, Houma, LA 70361.

29.3.2.3 There will be no excavation within twenty-five (25) feet of any active and/or abandoned flowline, within fifty (50) feet of any wellhead, or within fifty (50) feet of any active and/or abandoned pipeline unless and until such lines have been so removed by Hunt. As described in TP 29, Excavation Within the Vicinity of Existing Infrastructure,

Hunt Oil will cause abandoned lines marked at locations A, B, C, D, and E, as shown on the drawings, to be located, marked, uncovered, excavated, cut, capped, removed, and disposed of.

29.3.3 **Promix LLC:** The CONTRACTOR shall contact a representative of Promix LLC forty-eight (48) hours (excluding weekends and holidays) prior to commencing construction of the Project, so that a designated representative may be present during construction of the project. The contact party for Promix LLC is Mr. Paul Bouillion, Operations Manager, Field Maintenance Coordinator, (225) 675-2515, 27504 Texaco Road, Sorrento, LA 70778

29.4 **<u>Cooperation with Public Utilities, Oil Companies, and Gas Companies</u>:**

29.4.1 Oil and gas infrastructure is present throughout the project area. Project construction requires work in the immediate vicinity of oil and gas pipelines. Some construction elements require the removal of infrastructure by others concurrent with work under the contract (reference GC 29.3 and TP 29). Due to the presence of infrastructure in the work area, the CONTRACTOR is required to investigate, locate, and protect all existing facilities, structures, services and pipelines, that are on, above, or under the surface of the area where construction operations are to be performed. In addition, the CONTRACTOR shall perform a magnetometer survey in all areas of excavation and other work that may potentially damage or interfere with existing infrastructure shown in the plans prior to any work. It shall be the CONTRACTOR's responsibility to notify all public utilities or other interested parties to make all necessary adjustments to public utility fixtures and appurtences within or adjacent to the limits of construction. It shall also be the responsibility of the CONTRACTOR to see that the necessary adjustments of public utility fixtures and appurtences are made.

29.4.2 All known utilities within the limits of the work, such as pipes, communication lines, power lines, etc., that would interfere with construction work are marked on the drawings. There are multiple confirmed pipelines as indicated on the plans. An on the ground effort has been made to locate and indicate all known utilities within the limits of the work; however, the pipeline survey information shown on the plans is provided for informational purposes only and is not a definitive survey. The GOVERNMENT will not be responsible for any information provided to the CONTRACTOR. The CONTRACTOR shall independently verify this information and conduct magnetometer surveys as required in Section 29.4.1. The CONTRACTOR shall cooperate with the authorities or company

representatives and shall conduct their operations in such manner as to result in a minimum of inconveniences to the owners of said utilities. Prior to any excavation, the CONTRACTOR shall call Louisiana one call (DOTTIE) at 1-800-272-3020 to locate any utility lines in the area.

29.4.3 Any unidentified pipes or structures, which may be found within the limits of the work during the course of construction, shall not be disturbed nor shall construction or excavation be performed at these locations unless and until approved by the GOVERNMENT. The CONTRACTOR shall provide all available data on the location of the unidentified pipelines to the GOVERNMENT.

29.4.4 The CONTRACTOR will be responsible for any damage done to any telephone, power poles or lines, water or gas mains, flow lines, pipelines, wellheads, sewers, conduits, and other accessories and appurtenances of a similar nature that are fixed or controlled by a city, public utility company, or corporation. The CONTRACTOR shall perform and carry on their work in such a manner as not to interfere with or damage fixtures mentioned herein, or as shown on the plans or discovered during construction, which are to be left within the limits of the project. The GOVERNMENT will not be responsible for any delay or damage incurred by the CONTRACTOR due to working around or joining their work to fixtures left in place.

29.4.5 The GOVERNMENT will not be responsible for any delays or inconvenience to the CONTRACTOR in carrying on their work in the above-mentioned manner while the affected entities are making necessary adjustments of their fixtures or appurtenances. The GOVERNMENT will not be responsible for any costs that may be incurred by the CONTRACTOR or affected entities for making said adjustments.

29.5 **Risk of Weather Events:** All loss or damage arising out of the nature of the Work, or from the action of the elements, or from weather events, hurricanes, tropical storms, or from any unusual obstruction or difficulty, or any other natural or existing circumstances either known or unforeseen, that may be encountered in the prosecution of the Work, shall be sustained and borne by the CONTRACTOR at their own cost and expense, including all fill placement that has not been accepted by the GOVERNMENT for payment.

30. DAMAGES

All damages to private or public property resulting from the CONTRACTOR'S operations shall be repaired by the CONTRACTOR at the CONTRACTOR’S expense. The GOVERNMENT shall determine if repairs are required and the GOVERNMENT or

owner of the damaged property will determine if the property has been repaired to its previous condition, before the CONTRACTOR receives final payment.

31. CONSTRUCTION PLANS AND CONTRACT DOCUMENTS

A minimum of one (1) complete set of construction Plans and Contract Documents (with permits) shall be kept in the construction site field office, the surveyor shall have at least one set and at least one set shall be maintained on the dredge at all times during project construction. The dredge must have a complete set of Plans, including plan views of the borrow areas showing borrow area coordinates, at all times to avoid dredging outside of the borrow areas.

32. PROJECT CLOSEOUT

32.1 **General:** This section specifies administrative and procedural requirements for project meeting including but not limited to:

32.1.1 Project record document (as-built drawings) submittal.

32.1.2 Final Clean-up.

32.2 **Record Document Submittals:**

32.2.1 The CONTRACTOR shall not use record documents for construction purposes; protect from deterioration and loss in a secure, fire-resistive location; The CONTRACTOR shall provide access to record documents for the observer's or COTR'S reference during normal working hours.

32.2.2 **Record Drawings (As-Builts):** The CONTRACTOR shall maintain a clean, undamaged set of blue or black line white-prints of Contract Drawings and Shop Drawings. Mark whichever drawing is most capable of showing conditions fully and accurately; where Shop Drawings are used, record a cross-reference at the corresponding location on the Contract Drawings. Give particular attention to concealed elements that would be difficult to measure and record at a later date. Organize record drawing sheets into manageable sets, bind with durable paper cover sheets, and print suitable titles, dates, and other identification on the cover of each set. Upon completion of work, submit record drawings to the Government.

33. DEFINITIONS

33.1 **Addenda** - Written or graphic instruments, explanations, interpretations, changes, corrections, additions, deletions, or modifications of the Contract Documents issued prior to the opening of Bids which clarify, correct, or change the bidding documents or the Contract Documents.

33.2 **Application for Payment** - The form accepted by the GOVERNMENT that is to be used by CONTRACTOR in requesting progress or final payments and which is to include such supporting documentation as is required by the Contract Documents.

33.3 **Bid** - The offer or proposal of the bidder submitted on the prescribed form setting forth the prices for the Work to be performed, property signed or guaranteed.

33.4 **Bonds** - Bid, Performance and Payment bonds and other instruments which protect against loss due to inability, failure or refusal of the CONTRACTOR to perform the work specified in the contract documents.

33.5 **Change Order** - A document recommended by GOVERNMENT that is signed by the CONTRACTOR and the GOVERNMENT that authorizes an addition, deletion, or revision in the Work, or an adjustment in the Contract Price or Contract Time, issued on or after the execution of the Agreement.

33.6 **Contract Documents** - The Advertisement for Bids, Instructions to Bidders, Proposal, Bid Bond, Agreement, Payment Bond, Performance Bond, Certificate of Insurance, Notice of Tentative Award, Notice to Proceed, Certificate of Substantial Completion, Warranty of Title, Final Receipt - Release of Lien, General Conditions, Technical Provisions, Environmental Protection, Plans, Addenda, and Change Orders executed pursuant to the Contract Documents.

33.7 **Contract Price** - The total monies payable by the GOVERNMENT to the CONTRACTOR under the terms and conditions of the Contract Documents.

33.8 **Contract Time** - The number of successive calendar days stated in the Contract Documents for the completion of the Work.

33.9 **CONTRACTOR** - The person, firm, or corporation with whom the GOVERNMENT has executed the Agreement to furnish the Work called for in the Contract Documents.

33.10 **GOVERNMENT** - The NOAA/National Marine Fisheries Service and its authorized and legal representatives, the public entity with whom the CONTRACTOR has entered into the agreement and for whom the Work is to be provided.

33.11 **Date of Completion** - Calendar date when all Work has been completed in compliance with Contract Documents, the CONTRACTOR has repaired all damage or injury to the work site, cleaned up the work site, and demobilized all equipment and personnel from the project area.

33.12 **Day** - A calendar day of 24 hours measured from midnight to the next midnight, including Saturdays, Sundays, and holidays and regardless of weather.

33.13 **Defective Work** - Work that is unsatisfactory, faulty, or deficient; or that does not conform to the Contract Documents; or that does not meet the requirements of any inspection, reference standard, test, or approval referred to in the Contract Documents; or Work that has been damaged prior to the GOVERNMENT'S recommendation of final payment.

33.14 **Lump Sum Price Work** - Work to be paid for on the basis of a single payment to accomplish a Work task.

33.15 **Notice to Proceed** - The written notice issued by the GOVERMENT, or its agents, to the CONTRACTOR authorizing the CONTRACTOR to proceed with the Work.

33.16 **Permits** - State and Federal approvals to conduct the Work, including conditions and requirements that must be adhered to by the CONTRACTOR.

33.17 **Plans** - The drawings, plans, maps, profiles, diagrams, and other graphic representations that show character, location, nature, extent, and scope of the Work, which have been prepared or approved by the GOVERNMENT and which are considered part of the Contract Documents.

33.18 **Specifications** - Those portions of the Contract Documents consisting of the general requirements and written technical descriptions of products and execution of the Work.

33.19 **Subcontractor** - An individual, firm, or corporation having a direct contract with the CONTRACTOR or with any other Subcontractor for the performance of a part of the Work at the site.

33.20 **Surety** - Any person, firm, or corporation that is bound by bid or contract bond with and for the CONTRACTOR.

33.21 **Unit Price Work** - Work to be paid for on the basis of unit prices.

33.22 **Work** - Any and all obligations, duties and responsibilities necessary to the successful completion of the Project assigned to or undertaken by the CONTRACTOR under the Contract Documents, including all labor, materials, equipment, and other incidentals and the furnishing thereof.

34. SCHEDULE OF DELIVERABLES

Chaland Headland Restoration
Schedule of General Conditions Deliverables

TASK	DELIVERABLE	SUBMISSION
2.3	Notice of Hold Point Inspection	14 days prior to each Hold Point
2.3	Re-schedule/Cancellation of Hold Point Inspection	3 days prior to the scheduled Hold Point Inspection
2.4	Notice of Completion	14 days prior to completion date
3.2	Discrepancy in plans and specifications	Immediately upon discovery
4.3	Schedule of Prices	Within 7 days after contract award and prior to mobilization
4.6	Invoice Submittals	Monthly
4.6	Release of Claims	With Final Invoice
7.1	Names of Subcontractors	7 days prior to pre-construction conference
8	Designated Superintendent	7 days prior to pre-construction conference
10.5	Diving Plan	7 days prior to pre-construction conference
10.6	Accident Prevention Plan	7 days prior to pre-construction conference
10.7	Hazard Communication Plan	7 days prior to pre-construction conference
10.9	Confined Space Entry Plan	7 days prior to pre-construction conference
10.10	Trench Safety Standards	7 days prior to pre-construction conference
10.11	Activity Hazard Analysis	7 days prior to pre-construction conference
10.12	Name and Duties of Safety Officer	7 days prior to pre-construction conference
10.13	Hurricane and Severe Storm Plan	7 days prior to pre-construction conference
13	Notice to Mariners	Within 24 hours after Notice to Proceed
18.3	Daily Quality Control Reports	Daily by 2:00 p.m. the following day
18.7	Quality Control Plan	7 days prior to pre-construction conference
20.2	Proposed Construction Schedule	7 days prior to pre-construction conference
20.2	Project Status Curve	7 days prior to pre-construction conference
20.5	Revised Construction Schedule	Each Friday by 2:00 pm
21.4	Progress Meeting Minutes	Within 2 days following the meeting
21.5	Telephone Numbers of 2 Contractor Employees	7 days prior to pre-construction conference
26.1	Size and Capacity of Dredging Equipment	With Bid Documents
26.2	ABS/U.S. Coast Guard Dredge Certifications and Approvals	With Bid Documents
28.1	Notice of Delays	Within 3 days of delay
32.2	Record Drawings (As-Builts)	Upon completion of work

APPENDIX I

NOTICE OF COMPLETION FORM

(On CONTRACTOR Letterhead)

NOTICE OF COMPLETION

Effective at __(time)__ hours on ____(date)____ work described under CONTRACT No. _____, Construction of the Chaland Headland Restoration (BA38-2) CWPPRA Project for Department of Commerce/NOAA, will be substantially and usably complete with the following exceptions: (none) or (describe remaining work items). We request that the Final Inspection be arranged as soon as possible after the above date.

By: _____
(Name of CONTRACTOR's Representative)

_____
(Title of CONTRACTOR's Representative)

APPENDIX II

SCHEDULE OF PRICES FORM

SCHEDULE OF PRICES

Location/Contract No.:	**Period Starting:**
CONTRACTOR:	**Period Ending:**

PROGRESS

Div. No.	Description of Work	Quantity	Unit Cost ($)	Total Cost ($)	This Period (%)	Previous (%)	To Date (%)	Value to Date ($)
1	Mobilization/Demobilization Performance and Payment Bonds							
2	Island Breach Closure Dune & Beach Fill Marsh Fill Primary Dikes Oil Infrastructure Access Canal Dredging Canal Closures Sand Fencing Settlement Plates Signs Pre-Construction Survey As-Built Survey							

APPENDIX III

RELEASE OF CLAIMS FORM

RELEASE OF CLAIMS

The undersigned CONTRACTOR, pursuant to the terms of Contract No. _____ between the United States of America and said CONTRACTOR for the Chaland Headland Restoration (BA38-2) CWPPRA Project hereby releases the United States from any and all claims arising under or by virtue of said contract or any modification or change thereof. Witness the signature and seal of the undersigned this _____ day of _____, _____.

WITNESS:	CONTRACTOR:
_____	_____
(Signature)	(Print or type)
_____	_____
(Address)	(Official Title)

APPENDIX IV

DAILY CONTRACTOR QUALITY CONTROL REPORT FORM

DAILY CONTRACTOR QUALITY CONTROL REPORT

Date: _____ Report No._____
(Report is due by 2:00 p.m. of the following day)

PROJECT: Chaland Headland Restoration (BA38-2) CWPPRA Project

WEATHER: (Clear) (P. Cloudy) (Cloudy) TEMPERATURE: Min. _____ Max._____

Wind Speed: _____ mph Direction _____

Wave Height at:
Borrow Site _____ feet
Fill Area _____ feet
Wave Direction _____

LOCATION OF DISCHARGE: _____ feet south of pay profile line no. _____

DRESSING OPERATIONS COMPLETE TO: _____ feet south of pay profile line no. _____

CONTRACTOR/SUB-CONTRACTOR and area of responsibility:

1. Work Performed Today: (Indicate location and description of work performed. Provide beach/dune or marsh fill advance over last 24 hours. Attach dredge position printouts and plot to this report.)

2. Results of Surveillance: (Include satisfactory work completed or deficiencies with action to be taken.)

3. Buoy Check: Were borrow area buoys checked today (Yes/No)? _____
Did borrow area buoys require resetting (Yes/No)? _____

4. Water Quality Monitoring: Was water quality monitoring conducted today in compliance with project permit requirements of the Louisiana Department of Natural Resources Permit No. _____ and water quality protection laws, and the results provided to the GOVERNMENT (Yes/No)? _____

5. Verbal Instructions Received: (List any instructions given by the GOVERNMENT, construction deficiencies, retesting required, etc., with action to be taken.)

6. Remarks: (Cover delays and any conflicts in Plans, specifications or instructions.)

7. Safety Inspection: (Report violations noted; corrective instructions given; and corrective actions taken.)

8. Equipment Data: (Indicate items of construction equipment other than hand tools at job site and whether or not used and if operable.)

9. Dredge Status: (Is the dredge working, not operating due to weather/sea state, or is it under repair?)

10. Avoidance of Overdredging: Do you certify that the dredge has excavated within the limits of the borrow areas, as shown in the Plans (Yes/No)? _____. Also, do you certify that the borrow area has not been excavated below the limit as shown in the Plans (Yes/No)? _____

11. Daily Patrol for Protected Birds: (Describe number and extent of patrols and if any protected birds or protected bird nests were observed. If protected birds or protected bird nests were observed, identify type and location.)

12. Progress Summary:

	This Day	**To Date**
Worked Hours		
Downtime Hours (Explain Below)		
Length of Discharge Advance (Ft.)		
Volume Pumped (Estimated c.y.)		
Volume Pay (c.y. accepted sections only)		
Linear % Completed		

Explanation of Downtime:

CONTRACTOR'S Verification: The above report is complete and correct and equipment used and work performed during this reporting period are in compliance with the contract drawings and specifications except as noted above.

_____
CONTRACTOR'S Approved Authorized Representative

Note: This form must include continuous plots of dredge locations and depths.

APPENDIX V

FIELD ADJUSTMENT REPORT FORM

CONSTRUCTION CONTRACT FIELD ADJUSTMENT REPORT

Contractor:	**Field Adj Number:**
	Date:
Chaland Headland Restoration (BA38-2) CWPPRA Project	
Spec Paragraph and/or Drawing Number:	**Ref (Shop Drwg):**

Description of Work Affected:

Reason for Adjustment:

*** THIS FIELD ADJUSTMENT SHALL NOT RESULT IN A CHANGE IN CONTRACT PRICE OR THE TIME FOR COMPLETION ***

Recommended By:			***Prime CONTRACTOR Agreement:***	***C.O. Agreement:***	
	Initials	Date	Date/Signature & Title:		Approved
Jason Manthey					Disapproved
A/E				Date/Signature/Title	
CO					
ACO					

APPENDIX VI

NON-COMPLIANCE NOTICE FORM

NON-COMPLIANCE NOTICE

Project: Chaland Headland Restoration (BA38-2) CWPPRA Project
Location: Plaquemines Parish, LA
CONTRACTOR: _____
Contract Number: _____

Non-Compliance Notice Number: _____
Subject: _____
From: _____
Date: _____

Specification Section: Paragraph: Drawing Reference: Detail:

Nature of Nonconformance:

Signed by: Date: Date Response Needed:

Proposed Correction (Response):

Amount of Time for Correction:

[ ] Attachments

Response From: To: Date Rec'd: Date Ret'd:

Signed by: Date:

Copies: [ ] CO [ ] A/E [ ] _____ [ ] _____ [ ] _____ [ ] File

APPENDIX VII

REQUEST FOR INTERPRETATIONS FORM

REQUEST FOR INTERPRETATION

Project: Chaland Island Restoration (BA38-2) CWPPRA Project

To:

Re:

R.F.I. Number:

From:

Date:

Contract Number:

Location: Plaquemines Parish, LA

Specification Section: Paragraph: Drawing Reference: Detail:

Request:

Signed by:

Response:

[ ] Attachments

Response From: To: Date Rec'd: Date Ret'd:

Signed by: Date:

Copies: [ ] COTR [ ] A/E [ ] File

APPENDIX VIII

LIST OF CONTRACT DRAWINGS

This document lists the contract drawings for the Chaland Headland Restoration (BA38-2) CWPPRA Project. The contract drawings are as follows:

DRAWING NO.	SHEET NO.	TITLE
CS	1	COVER SHEET
GN	2	GENERAL NOTES
LO-1	3	OFFSHORE INFRASTRUCTURE PLAN VIEW
PV-1	4	PLAN VIEW
PV-2	5	PLAN VIEW
BA-1	6	QUATRE BAYOU BORROW AREA BATHYMETRY
BA-2	7	QUATRE BAYOU BORROW AREA ELEVATION OF SILT/CLAY-SAND INTERFACE CONTOUR MAP
BA-3	8	QUATRE BAYOU BORROW AREA BOTTOM ELEVATION OF SAND CONTOUR MAP
BA-4	9	QUATRE BAYOU BORROW AREA CROSS SECTIONS
XS-1	10	CROSS SECTIONS
XS-2	11	CROSS SECTIONS
XS-3	12	CROSS SECTIONS
XS-4	13	CROSS SECTIONS
XS-5	14	CROSS SECTIONS
XS-6	15	CROSS SECTIONS
XS-7	16	CROSS SECTIONS
XS-8	17	CROSS SECTIONS
XS-9	18	CROSS SECTIONS
XS-10	19	CROSS SECTIONS
XS-11	20	CROSS SECTIONS
XS-12	21	CROSS SECTIONS
XS-13	22	CROSS SECTIONS
XS-14	23	CROSS SECTIONS
XS-15	24	CROSS SECTIONS
XS-16	25	OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS
XS-17	26	OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS
XS-18	27	OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS
XS-19	28	OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS
XS-20	29	OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS
XS-21	30	OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS
DE-1	31	CROSS SECTION DETAILS
DE-2	32	SAND FENCING AND SIGN DETAILS
DE-3	33	SETTLEMENT PLATE DETAIL
PA-1	34	PAYMENT ACCEPTANCE SECTIONS

CHALAND HEADLAND RESTORATION (BA38-2) CWPPRA PROJECT

TECHNICAL PROVISIONS

CHALAND HEADLAND RESTORATION (BA38-2) CWPPRA PROJECT

TECHNICAL PROVISIONS

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CHALAND HEADLAND ISLAND RESTORATION (BA38-2) CWPPRA PROJECT

TECHNICAL PROVISIONS

I. GENERAL

1. CHALAND ISLAND RESTORATION (BA38-2) CWPPRA PROJECT

The Chaland Island Restoration (BA38-2) CWPPRA Project consists of the placement of marsh fill, beach and dune fill, and primary dikes. The construction berm elevation on Chaland Headland is +6 feet NAVD, the marsh platform elevation is +2.5 feet NAVD. The slope of the beach and dune fill template is one (1) foot vertical to forty-five (45) feet horizontal along both the bay and gulf sides of the dune. Dredging of an access channel and closure of an island breach and existing canals is included within the project plan.

2. SCOPE

The CONTRACTOR shall provide the dredge and support vessels, labor, equipment, supplies, materials, and submittals to perform all operations for excavating, transporting, placing, dressing, and grading the fill as indicated in the Plans and required by the Contract Documents.

3. ORDER OF WORK, PROJECT SCHEDULE AND ACCEPTANCE SEGMENTS

3.1 **Order of Work and Project Schedule:** The CONTRACTOR shall provide an order of work outline and project schedule to the GOVERNMENT a minimum of seven (7) days prior to the pre-construction meeting. The CONTRACTOR shall propose the order in which the work will be performed, except as noted in Sections 3.2 and 3.3, including the anticipated progression of fill placement throughout the project area. Project schedule requirements shall match those specified within the General Conditions.

3.2 **Proposed Oil Infrastructure Access Canal Dredging:** The CONTRACTOR shall fully complete construction of the Access Canal depicted on the drawings between profile lines CM37 (CG19) and CM49 (CG25) prior to closure of the existing canal between the canal closure located at CG 18A/CG19 and the canal closure at CG25A and CG26.

3.3 **Primary Dikes:** The CONTRACTOR must construct primary dikes prior to marsh construction.

4. PHYSICAL DATA

4.1 Information and data furnished or referred to in the Contract Documents are furnished for the CONTRACTOR's information. However, it is expressly understood that the GOVERNMENT will not be responsible for any interpretation or conclusion drawn there from by the CONTRACTOR. Likewise, the GOVERNMENT will not be responsible for any information provided to the CONTRACTOR by any information agency or other party.

4.1.1 The physical conditions of the borrow area resources indicated on the drawings and in the Specifications are the results of site investigations by remote sensing techniques, bathymetric surveys and vibracore sediment sampler. When the indicated physical conditions are the result of site investigations by vibracores, the sampling locations are shown on the drawings. While the GOVERNMENT's remote sensing survey, bathymetric survey, or vibracore sediment samples are representative of subsurface conditions at their specific respective locations and vertical reaches, variations in the characteristic of the surface or subsurface materials are possible and should be expected. Interpretations as shown in the plans between sampling points are estimates of expected average conditions in these areas and are provided for the convenience and use of the contractor but should not be taken as the actual conditions at each point beyond the sampling points. Should any questions or discrepancies arise, the conditions should be independently confirmed by the CONTRACTOR. Copies of the vibracore logs are included as Appendix I. Data regarding sand sample analyses are provided in Appendix II.

4.1.2 The physical conditions of the project area, as indicated on the drawings, are based on survey data acquired in September 2002. Additional limited survey information acquired in December 2003 is provided in Appendix V.

4.2 **Weather Conditions:** The project area may be affected by tropical storms and hurricanes primarily from June through November, and by stormy and/or rainy weather, including severe thunderstorms, during any time of the year. The CONTRACTOR shall be responsible for obtaining information concerning rain, wind, and wave conditions that could influence safety, dredging, and disposal operations prior to making a bid. A list of publications containing climatological and meteorological observations and data for the project area is provided below. Other publications or information sources are available in addition to the following:

4.2.1 Local Climatological Data-Monthly Summary published by the National Oceanic and Atmospheric Administration (NOAA), Asheville, NC. Subscription price and ordering information available from the National Climatic Data Center, Federal Building, Asheville, NC 22801. This publication gives hourly wind speed and direction observations. The Annual Summary gives a summary of the observations for the period of record.

4.2.2 **Summary of Synoptic Meteorological Observations:** North American Coastal Marine Areas Atlantic and Gulf Coasts. Produced by the National Weather Service, U.S. Department of Commerce. Distributed by National Technical Information Service, U.S. Department of Commerce.

4.2.3 Wave Hindcast Data is available online from the U.S. Army Corps of Engineers, Waterways Experiment Station, Coastal and Hydraulics Laboratory (CHL) at http://bigfoot.wes.army.mil/c201.html and http://frf.usace.army.mil/wis/. Wave hindcasts computed on a revised grid in the vicinity of the project area are also available from CHL.

4.3 **Land Access to the Project Site**: There is no land access to Chaland Headland from the mainland of Louisiana or any other islands.

4.4 **Obstruction to Navigation:** The CONTRACTOR will be required to operate in compliance with pertinent U.S. Coast Guard regulations and to conduct the Work in such a manner as to minimize any obstruction to navigation. Failure of the CONTRACTOR to familiarize himself with all terms, conditions, and provisions of the rules and regulations applicable to the work shall not relieve them of their responsibility under the Contract. If the CONTRACTOR's dredge or other floating equipment so obstructs any navigation channel as to make navigation difficult or endanger the passage of vessels, said dredge or equipment shall be promptly moved on the approach of any vessel to such an extent as may be necessary to afford a practicable passage. Upon completion of the Work, the CONTRACTOR shall promptly remove the dredge and other floating equipment, as well as ranges, buoys, piles and other marks or objects placed in navigable waters or on shore.

4.5 **Local Inlets, Waterways, and Ports:** Chaland Headland is bordered on the east by Chaland Pass and on the west by Pass La Mer. These inlets are shallow and not navigable by most vessels. The breach within the island currently provides limited access from the Gulf side to the project area. This breach is unstable and may not be navigable at the time of construction. The Robinson canal is navigable by vessels with limited draft and provides access to the project area. The CONTRACTOR may utilize Robinson canal at their own risk. Boat traffic offshore of the Chaland Headland project fill area and the borrow areas will consist primarily of pleasure, commercial fishing boats, and oil and gas industry vessels. All inlets, waterways, and ports are used at the CONTRACTOR's own risk. The CONTRACTOR is responsible for any damage to any oyster lease within the vicinity of Robinson Canal due to use by the CONTRACTOR.

4.6 **Navigation Safety:** Navigable depths shall not be impaired except as allowed by laws regulating navigation in the area. The access channel depicted in the plans shall be maintained to provide clear and safe navigation of all vessels intended to be used on the project. It is the CONTRACTOR'S responsibility to select equipment that can navigate from the navigation channels to the project without dredging except for the access channel depicted in the plans. All equipment shall remain floating at all times during the transit to the project site. The CONTRACTOR is referred to the following government web site for navigation information and charts:

Website: http://ocsdata.ncd.noaa.gov/ChartServerV1.2/jsp/index.jsp
Chart Name: Barataria Bay and Approaches
Chart #: 11358, 11364, and 11352.

5. PAYMENT FOR MOBILIZATION AND DEMOBILIZATION

5.1 **General:** All costs connected with the mobilization and demobilization of all the CONTRACTOR's equipment and personnel, including the dredge and all other equipment will be paid for at the Contract lump sum price for this item (Line item 0001). Sixty percent (60%) of the lump sum price will be paid to the CONTRACTOR after commencement of dredging and placement of a quantity of, at minimum, five thousand (5,000) cubic yards of material within the fill template in a twenty-four (24) hour period (or less time). The remaining forty percent (40%) will be included in the final payment for Work under this Contract.

5.2 In the event the GOVERNMENT considers that the cost for mobilization does not bear a reasonable relation to the cost of the entire Work in this Contract, the GOVERNMENT may require the CONTRACTOR to produce cost data to justify this portion of the bid. Failure to justify such price to the satisfaction of the GOVERNMENT will result in payment of estimated mobilization costs, as determined by the GOVERNMENT at the completion of mobilization, and payment of the remainder of this item in the final payment under this Contract.

6. PAYMENT FOR PERFORMANCE AND PAYMENT BONDS

All costs connected with obtaining performance and payment bonds for the project will be paid for at the Contract lump sum price for this item (Line item 0002). The CONTRACTOR may apply for 100% payment of this item following written approval by the GOVERNMENT of the Schedule of Prices.

7. PAYMENT FOR ISLAND BREACH CLOSURE

All costs connected with the island breach closure will be paid for at the Contract lump sum price for this item (Line item 0003). Acceptable fill material placed within the fill template to complete the closure will be eligible for payment under the provisions for payment for hydraulic fill placement. The CONTRACTOR shall close the breach and maintain it in a closed condition for the duration of

the project. The CONTRACTOR may apply for payment for island breach closure once the beach acceptance segments within the vicinity of the breach have been accepted by the GOVERNMENT, tidal flow ceases trough the breach, and any equipment required to close the breach, beyond that required for the remaining project work, have been demobilized from the project site.

8. PAYMENT FOR HYDRAULIC FILL PLACEMENT – BEACH AND DUNE FILL

8.1 **General**: Costs associated with the project, including costs associated with, but not limited to, surveying and reporting, water quality monitoring, debris removal, excavating, transporting, site restoration and repairs, hydraulic beach fill placement, and other materials and work shall be included in the contract unit prices per cubic yard for Beach and Dune Fill Placement on the Bid Form (Line item 0004), which payment shall also include all other items of overhead, profit, labor, material and any other costs incidental to performing the Work. Any cost of overburden removal and offshore disposal shall also be included in the unit cost for Beach and Dune Fill Placement on the Bid Form.

8.2 **Payment Surveys:** Payments will be based on the result of the comparison of pre-construction and as-built surveys. The GOVERNMENT will verify the pay quantities provided by the CONTRACTOR based on pre-construction and as-built surveys conducted by the CONTRACTOR and accepted by the GOVERNMENT. Payment surveys shall be performed by a land surveyor employed by the CONTRACTOR. The CONTRACTOR shall notify the GOVERNMENT at least three (3) working days prior to when the payment surveys will be conducted. The surveys will be conducted per the specifications provided in Section 35 of the Technical Specifications.

8.3 **Additional Beach and Dune Profile Information:** In addition to surveying the pay profile lines shown on the contract plans, the CONTRACTOR will conduct pre-construction and as-built cross-section surveys on one hundred (100) foot intervals between listed profile lines for the beach and dune. The cross-section profile surveys conducted on 100-foot intervals will be used to compute payment volumes. These surveys will be provided to the GOVERNMENT for verification that the fill was constructed as indicated by the drawings and Contract Document. Surveys will be conducted after the fill area has been dressed.

8.4 **Acceptance Notification:** The notification of rejection or acceptance of a fill section will be based on written notification provided by the GOVERNMENT to the CONTRACTOR after the GOVERNMENT has reviewed the submitted survey data. After the survey data has been received by the GOVERNMENT, the GOVERNMENT will have four (4) working days to review the data and prepare a written response indicating whether the section(s) have been accepted or rejected, and the reason for rejection, if applicable.

8.5 **Computation of Payment Volumes:** The volume of material in a pay section shall be the length of the pay section times the average of the cross-sectional area of the

profile lines enclosing the pay section (average end area method). The length of the pay section is equal to the distance between the adjacent profile lines measured along the baseline. The portions of the profile lines that lie outside the limits of the fill shall NOT be included in this computation. The "Landward Toe of Dune", which appears on the plans, marks the boundary between the marsh platform and the beach/dune fill area. This will be the northern limit of the beach/dune fill for payment calculations. Payment will be provided for fill contained within the payment profile construction templates only, as shown in the plans. No payment will be provided for fill placed above the template. The CONTRACTOR's bid shall have accounted for any costs associated with the profile selection, the azimuth of profile lines, the profile measurement technique, or the payment volume calculation technique. The CONTRACTOR shall provide their calculations of volumes along with their invoice to the GOVERNMENT. Payment recommendations will be based on computations made by the GOVERNMENT of volumes placed.

8.6 **Fill Tolerances:** Payment shall be for hydraulic fill placed within the construction template only, as shown in the Plans. Any material placed above the template may be left in place at the discretion of the GOVERNMENT; however, this material will not be included in the pay quantities. The maximum vertical tolerance below and above the template is 0.5 feet for the beach and dune. Hydraulic fill placement must at least meet the 0.5 feet tolerance below the template everywhere in the acceptance segment and contain the minimum fill volume requirement. The CONTRACTOR shall fill any deficient segment to meet, as a minimum,

(a). The lower template tolerance everywhere on the constructed cross-section, and,

(b). Ninety-five percent (95%) of the fill volume for the acceptance segment.

8.7 **Payment Requests:** The CONTRACTOR may request payment for hydraulic fill placement on a monthly basis. Payments shall be based on completed adjacent fill sections that have been approved by the GOVERNMENT. The CONTRACTOR will be eligible for the initial progress payment when a minimum of five (5) adjacent fill sections (500 feet) have been surveyed and accepted. The next payment and all future payments may occur when additional pay sections have been hydraulically filled and accepted by the GOVERNMENT. The CONTRACTOR shall submit to the GOVERNMENT for review, on a monthly basis, an Application for Progress Payment filled out and signed by CONTRACTOR covering the Work completed as required by the Contract Documents and accompanied by such supporting documentation as is required by the Contract Documents and also as the GOVERNMENT may reasonably require.

9. PAYMENT FOR HYDRAULIC FILL PLACEMENT – MARSH FILL

9.1 **General:** Costs associated with the project, including costs associated with, but not limited to, surveying and reporting, water quality monitoring, debris removal, excavating, transporting, secondary dike construction, secondary containment leveling, site restoration and repairs, hydraulic marsh fill placement, and other

materials and work shall be included in the contract unit prices per cubic yard for Marsh Fill Placement on the Bid Form (Line Item 0005), which payment shall also include all other items of overhead, profit, labor, material and any other costs incidental to performing the Work

9.2 **Payment Surveys:** Payments will be based on the result of the comparison of pre-construction and as-built surveys. A minimum of 30 days is required between the completion of fill placement and the conduction of the as-built survey. The GOVERNMENT will verify the pay quantities provided by the CONTRACTOR based on pre-construction and as-built surveys conducted by the CONTRACTOR and accepted by the GOVERNMENT. Payment surveys shall be performed by a land surveyor employed by the CONTRACTOR. The CONTRACTOR shall notify the GOVERNMENT at least three (3) working days prior to when the payment surveys will be conducted. The GOVERNMENT, at its discretion, may verify the as-built survey results of the CONTRACTOR and/or the elevations of the top of each stake. The GOVERNMENT's survey will be used for payment purposes if, in the GOVERNMENT's opinion, a significant difference is found between the CONTRACTOR's as-built survey and the GOVERNMENT's survey. The surveys will be conducted per the specifications provided in Section 36 of the Technical Specifications. The pre-construction surveys will not be adjusted based on any possible subsidence measured by the settlement plates or grade stakes.

9.3 **Additional Marsh Profile Information:** In addition to surveying the pay profile lines shown on the Contract Plans, the CONTRACTOR will conduct cross-section surveys on two hundred and fifty (250) foot intervals between the profile lines shown on the contract plans, unless the spacing between pay profiles is less than 350 feet. If the spacing between adjacent pay profiles is less than 350 feet (CG25 through CG26, and CG28 through CG29), only the profile lines shown on the plans shall be surveyed. These surveys will be provided to the GOVERNMENT along with the profile line survey information for GOVERNMENT verification that the fill was constructed as indicated by the drawings and Contract Document.

9.4 **Acceptance Notification:** The notification of rejection or acceptance of a fill section will be based on written notification provided by the GOVERNMENT to the CONTRACTOR after the GOVERNMENT has reviewed the submitted survey data. After the survey data has been received by the GOVERNMENT, the GOVERNMENT will have four (4) working days to review the data and prepare a written response indicating whether the segment(s) have been accepted or rejected, and the reason for rejection, if applicable.

9.5 **Computation of Payment Volumes:** The volume of material in an acceptance segment shall be the length of the fill section times the average of the cross-sectional area of the profile lines enclosing the pay section (average end area method). The length of the pay section is equal to the distance between the adjacent profile lines measured along the baseline. The portions of the profile lines that lie outside the acceptance segment (i.e., seaward or landward of the fill area) shall NOT be included

in this computation. Only those profiles shown in the plans and listed in the Contract Documents will be used for computation for payment purposes of the fill quantities placed. No other profile lines will be considered in computing pay volumes. No payment will be provided for fill placed above the template. The CONTRACTOR will not receive payment for any marsh fill that is placed within the dune and beach cross section except for fill contained in secondary dikes constructed to separate the marsh and dune cross-section. The CONTRACTOR's bid shall have accounted for any costs associated with the profile selection, the azimuth of profile lines, the profile measurement technique, or the payment volume calculation technique. The CONTRACTOR should provide their calculations of volumes along with their invoice to the GOVERNMENT. Payment recommendations will be based on computations made by the GOVERNMENT of volumes placed.

9.6 **Fill Tolerances:** Payment will be for marsh fill placed within the construction template only, as shown in the Plans. Any material placed above the template may be left in place at the discretion of the GOVERNMENT; however, this material will not be included in the pay quantities. The maximum vertical tolerance below the template is 0.3 feet for the marsh. Hydraulic fill placement must at least meet the 0.3 feet tolerance below the template everywhere in the acceptance segment and the minimum fill volume requirement. The CONTRACTOR shall fill any deficient segment to meet, as a minimum,

(a). The lower template tolerance everywhere on the constructed cross-section, and

(b). Ninety-five percent (95%) of the fill volume for the acceptance section.

9.7 **Payment Requests:** The CONTRACTOR may request payment for hydraulic marsh fill placement on a monthly basis. Payments shall be based on completed adjacent acceptance segments that have been approved by the GOVERNMENT. The CONTRACTOR will be eligible for the initial progress payment when a minimum of two (2) adjacent fill segments have been filled to a minimum of 95% of the total fill section volume and meet the minimum tolerance at all points, and the segments and have been surveyed and accepted. The next payment and all future payments may occur when additional adjacent segments have been hydraulically filled and accepted by the GOVERNMENT. The CONTRACTOR shall submit to the GOVERNMENT for review, on a monthly basis, an Application for Progress Payment filled out and signed by CONTRACTOR covering the Work completed as required by the Contract Documents and accompanied by such supporting documentation as is required by the Contract Documents and also as the GOVERNMENT may reasonably require.

10. PAYMENT FOR PRIMARY DIKE

10.1 **General:** All costs associated with excavating the flotation canals, and layout, construction, and maintenance of the primary dikes shall be included in the contract unit price per linear foot of Primary Dike (Line item 0006), which payment shall also include all other items of overhead, profit, labor, material and any other costs

incidental to performing the Work. All secondary dikes will be constructed as needed at no cost to the GOVERNMENT.

10.2 **Payment Request:** The CONTRACTOR shall survey the centerline of the primary dike along the lines shown in the plans, as a basis for payment. Sixty percent (60%) of the contract linear footage will be paid to the CONTRACTOR for dikes installed on a monthly basis. The remaining forty percent (40%) will be included in the final payment. However, all required maintenance of the primary dikes shall be performed by the contractor at no cost to the GOVERNMENT. The CONTRACTOR is required to provide continual maintenance of the primary dikes so that they perform their intended function during the construction period for which they are needed.

11. PAYMENT FOR OIL INFRASTRUCTURE ACCESS CANAL DREDGING

11.1 **General:** Oil Infrastructure Access Canal Dredging shall consist of removing and satisfactorily disposing of all spoil material required to construct the oil infrastructure access canal. All costs associated with excavating the layout, dredging and disposal of spoil material shall be included in the contract unit price per linear foot of Access Canal Dredging (Line item 0007), which payment shall also include all other items of overhead, profit, labor, material and any other costs incidental to performing the Work.

11.2 **Payment Requests:** The CONTRACTOR shall survey the canal alignment along the lines shown in the plans as a basis for payment. The CONTRACTOR may submit a request for payment for completed sections of the oil infrastructure access canal on a monthly basis. The cost of maintaining the oil infrastructure access canal for the duration of the project shall be included in the unit cost for access canal construction. The contractor shall be required to verify canal minimum dimensions prior to project demobilization.

12. PAYMENT FOR CANAL CLOSURES

12.1 **General:** Canal closure shall consist of closing the canals as shown on the drawings and maintaining such closures for the duration of the contract. All costs connected with the canal closures will be paid for at the contract unit price for closure of each canal (Line Item 0008), which payment shall also include all other items of overhead, profit, labor, material and any other costs incidental to performing the Work.

12.2 **Payment Requests:** The CONTRACTOR may apply for payment for each canal closure once the marsh acceptance segments within the vicinity of the canal closure have been accepted by the GOVERNMENT and any equipment required to close the canal, beyond that required for the remaining project work, has been demobilized from the vicinity of the canal closure. The CONTRACTOR may use marsh fill material to close the canal. Marsh fill placed within the fill template will be eligible for payment under the provisions for payment for hydraulic marsh fill placement.

13. PAYMENT FOR SAND FENCING

This work shall consist of supplying all sand fence material and installing the sand fence in accordance with the plans and specifications. All costs connected with the sand fence will be paid for at the contract unit price per linear foot of Sand Fence (Line Item 0009), which payment shall also include all other items of overhead, profit, labor, material and any other costs incidental to performing the Work. The length of sand fence for payment shall be based on the installed length of sand fence (i.e. not the roll length by number of rolls installed). The CONTRACTOR shall be paid for the north and south sides of the 30' long overlap section within each row of sand fencing. Splice overlaps between adjacent rolls of sand fence shall not be eligible for payment. The CONTRACTOR may request payment for the installation of sand fencing on a monthly basis.

14. PAYMENT FOR SETTLEMENT PLATES

This work consists of furnishing and assembling the materials needed to construct, layout, and install settlement plates in accordance with these specifications and the project plans or as directed by the GOVERNMENT. All costs connected with the settlement plates will be paid for at the contract unit price per each Settlement Plate (Line Item 0010), which payment shall also include all other items of overhead, profit, labor, material and any other costs incidental to performing the Work. It should be noted that the settlement plates are intended for LDNR's long term monitoring of the island and payment for marsh and island fill shall not be based on the settlement of these plates. The CONTRACTOR shall survey the location and top elevation of the settlement plates and provide the data to the GOVERNMENT in a survey format provided in Appendix III. The CONTRACTOR may request payment for the installation of settlement plates on a monthly basis.

15. PAYMENT FOR NAVIGATION WARNING SIGNS

This work consists of furnishing and assembling the materials needed to construct, layout, and install navigation warning signs in accordance with these specifications and the project plans or as directed by the GOVERNMENT. All costs connected with the navigation warning signs will be paid for at the contract unit price per each Sign (Line Item 0011), which payment shall also include all other items of overhead, profit, labor, material and any other costs incidental to performing the Work. The CONTRACTOR shall survey the location of the navigation warning signs and provide the data to the GOVERNMENT in a survey format provided in Appendix III. The CONTRACTOR may submit a request for payment for completed signs on a monthly basis.

16. PAYMENT FOR PRE-CONSTRUCTION SURVEY

16.1 **General:** The pre-construction survey shall consist of surveying the marsh area and dune and beach fill area, according to the specifications and plans. All costs connected with the pre-construction survey of the dune and beach fill will be paid for at the contract lump sum price for Pre-Construction Survey (Line item 0012), which payment shall also include all other items of overhead, profit, labor, material and any other costs incidental to performing the Work.

16.2 **Payment Requests:** The CONTRACTOR may apply for payment for the pre-construction survey once the completed survey of the dune and beach fill area has been submitted to the GOVERNMENT in a survey format provided in Appendix III. If the CONTRACTOR elects to perform their own marsh pre-construction survey, and submit this survey as the basis for payment, then completed marsh fill area and dune and beach fill area surveys must be submitted to qualify for payment. There will be no partial payment for the pre-construction survey.

17. PAYMENT FOR AS-BUILT SURVEY

17.1 **General:** All costs connected with the as-built survey of the marsh fill area, dune and beach fill area, and borrow area will be paid for at the Contract lump sum price for As-Built Survey (Line item 0013), which payment shall also include all other items of overhead, profit, labor, material and any other costs incidental to performing the Work.

17.2 **Payment Requests:** The CONTRACTOR may apply for payment for the as-built survey once the completed surveys of the marsh fill area, dune and beach fill area, and borrow area have been submitted to the GOVERNMENT in a survey format provided in Appendix III. There will be no partial payment for the as-built survey.

II. MATERIALS AND EXECUTION

18. ISLAND BREACH CLOSURE

18.1 **General:** The CONTRACTOR is required to close the existing breach within the island. No method of closure is specified. The CONTRACTOR will use any environmentally acceptable method that will complete the work in accordance with the plans. However, the CONTRACTOR shall submit to the GOVERNMENT the method and equipment intended to be used to complete the closure seven (7) days prior to the pre-construction conference. The CONTRACTOR may use dredged material to close the breach. The CONTRACTOR may use structural methods (e.g., sheet pile) to temporarily close the breach and assist in dune and beach material placement. All structures shall be fully removed prior to project completion. The CONTRACTOR shall use extreme caution if placing sheet pile or other structures near existing pipelines. The CONTRACTOR shall independently verify the exact location of pipelines prior to any construction activity in this area.

18.2 **Breach Evolution:** The breach has increased in size since 2002, as indicated in limited January 2005 surveys and anecdotal information. The CONTRACTOR is required to observe the breach prior to making their bid. Continued growth and morphological evolution of the breach is possible.

19. LAYOUT OF WORK FOR HYDRAULIC FILL PLACEMENT

19.1 **Profile Lines:** The CONTRACTOR may use any control deemed necessary for the layout of Work. The CONTRACTOR may establish any profile cross-sections deemed necessary for the layout of Work. Each profile line is to be surveyed on an azimuth of 187°.

19.2 **Contractor Acceptance of Survey Control:** No physical monumentation of the pay profile lines currently exists on the island. The CONTRACTOR is required to establish survey control for each pay profile line sufficient for the construction of the project. The CONTRACTOR shall immediately contact the GOVERNMENT if any discrepancies are discovered in any of the information presented concerning all survey control. If the GOVERNMENT is not contacted by the CONTRACTOR, it is understood that the CONTRACTOR agrees with all information presented in the Plans related to survey control information.

19.3 **Surveyor:** The CONTRACTOR will use a surveyor registered in the State of Louisiana. The licensed surveyor will be responsible for all survey work and will certify all survey work. The licensed surveyor is not obligated to perform the field work.

19.4 **Work Layout:** Utilizing control data provided by the GOVERNMENT and verified by the CONTRACTOR, the CONTRACTOR shall complete the layout of the Work and shall be responsible for all measurements that may be required for the execution of the layout of the Work, subject to such modifications as the GOVERNMENT may require to meet changed conditions or as a result of necessary modifications to the Contract Work. The CONTRACTOR shall furnish, at their own expense, such stakes, templates, platforms, equipment, tools and material, and all labor as may be required in laying out any part of the Work from the survey monuments, control data and elevations provided by the GOVERNMENT and verified by the CONTRACTOR, the cost of which is included in the unit cost for fill placement. It shall be the responsibility of the CONTRACTOR to maintain and preserve all stakes and other marks unless and until they are no longer needed to construct the project. All temporary marking stakes (including grade stakes) placed by the CONTRACTOR in the sand dune/beach must be completely removed upon completion of the project.

19.5 **Site Layout Prior to Construction:** Prior to the initiation of heavy construction, excavation, dredging or disposal activities, the CONTRACTOR shall survey and layout the following items: the project baseline, the extent of the temporary flotation canal; the landward limit of fill (primary dike); all no excavation areas, the location and limits of the proposed oil infrastructure access canal location, and the limits and location of the water discharge area. The layout shall be surveyed and staked adequately to depict the limits and location of work. Layout stakes shall include grade information (i.e., fill heights, vertical tolerance) for the primary dike and canal

closures. The CONTRACTOR shall maintain stakes and grades for the duration of the construction contract to the GOVERNMENT's satisfaction. The CONTRACTOR shall also coordinate with utilities, landowners, and leaseholders as required by this contract to ensure identification, location, and marking of all public and private infrastructure that may occur at the project site. The GOVERNMENT will conduct a hold-point inspection at the completion of site layout prior to construction. The CONTRACTOR may request in writing that portions of construction be started prior to the hold-point inspection, once the layout for that portion has been accepted by the GOVERNMENT.

19.6 **Survey Monumentation:** Permanent markers or survey monuments will not be disturbed, damaged, or destroyed by the CONTRACTOR. Disturbed, damaged, or destroyed survey monuments will be replaced by the GOVERNMENT, at their discretion, and the expense of replacement will be deducted from any amounts due, or to become due to the CONTRACTOR.

19.7 **Survey Datum:** The horizontal datum for the baseline provided in the plans is in Louisiana South State Plane Coordinate System (NAD, 1983). The vertical datum at the beach, marsh, and borrow area is in feet, NAVD 1988.

20. HYDRAULIC PLACEMENT OF FILL

20.1 **Fill Placement Requirements:** All marsh, dune, and beach fill excavated from the borrow areas shall be transported to, and hydraulically deposited on, the beach and dune, or marsh within the lines, grades and cross sections shown in the plans for the type of fill being placed (marsh or dune/beach), unless otherwise provided for herein or directed by the GOVERNMENT. The topography of the fill area is subject to changes and the elevations on the beach at the time the work is done may vary from the elevations shown in the Plans. The CONTRACTOR is to place the hydraulic fill in the fill area in such a manner as to establish a uniform beach, dune, and/or marsh platform between adjacent pay profile lines. Sections located between pay profiles will not be underfilled, as defined in the Contract Documents. The CONTRACTOR shall maintain and protect the fill and all primary dikes in a satisfactory condition at all times until final completion and acceptance of the work.

20.2 **Right to Vary the Filled Area:** The GOVERNMENT reserves the right to vary the width or grade of the berm from the lines and grades shown on the plans or observed at the project site in order to establish a uniform fill area between adjacent pay profile lines or for the entire length of the project, as shown in the Plans for the project. The hydraulic fill cross-sections shown in the Plans are for the purpose of estimating the amount of hydraulic fill needed and will be used by the GOVERNMENT in making any change in the lines and grades.

20.3 **Control of Fill:** The CONTRACTOR shall retain placed fill within the fill template until acceptance of the fill section. The CONTRACTOR shall construct primary dikes along the landward limit of the marsh platform as shown on the plans. The

CONTRACTOR may construct secondary dikes at their discretion at other locations within the marsh platform, including the boundary between the marsh platform and the dune/beach. Secondary dikes, and spreader and pocket pipe can be used as necessary to prevent gullying and erosion of the beach/dune fill, to retain the hydraulic fill on the beach within the limits of the hydraulic fill template cross-section, and to control water turbidity. The pipeline discharge will be located no closer than 25 feet from any structure to avoid potentially undermining the structure and at a minimum distance deemed safe by the CONTRACTOR. Secondary dikes shall be constructed along the Gulf of Mexico waterline as necessary to direct the pipeline discharge longitudinally along the beach to avoid transverse gullying direct from the discharge point to the Gulf of Mexico, and to build the dune crest to the design grade of +6.0 feet (NAVD). Total containment, however, of beach and dune fill is not allowed.

20.4 **Construction Elevations and Slopes:** The Plans and Contract Documents for the project delineate a construction dune crest elevation of +6.0 feet NAVD and construction dune slopes of one (1) foot vertical to forty-five (45) feet horizontal. The Plans and Contract Documents for the project delineate a marsh platform elevation of +2.5 feet NAVD. The marsh fill area will be inspected after a minimum of 30 days to evaluate initial settling, completeness, elevation, and width. If the inspected area has undergone considerable settlement, the GOVERNMENT will require the CONTRACTOR to place additional material prior to acceptance.

20.5 **Uniform Fill Areas:** The filled areas between the pay profiles will be graded, dressed and uniform in dimension. Segments between pay profiles shall be filled to a minimum of 95% of the volume based on the fill templates shown in the cross-sections of the plans, and to the minimum tolerance everywhere. The constructed grades between pay profiles, including the dune crest and primary dikes, will be uniform with parallel and straight contour lines, indicating that the CONTRACTOR has constructed a uniform (non-cuspate) cross-section between the profile lines to the appropriate elevations (+6.0 feet NAVD beach and dune, +2.5 feet NAVD marsh) and widths.

20.6 **Dressing Beach/Dune Fill:** Upon completion of all filling operations within an acceptance section, and prior to surveying for payment, the beach and dune fill shall be graded and dressed so as to eliminate any undrained pockets, ridges, and depressions in the hydraulic fill surfaces. The CONTRACTOR shall use a dragged pipe for this task. The CONTRACTOR is to grade and dress the beach and dune fill in such a manner as to establish a uniform dune crest width and slopes between adjacent pay profile lines. Banks or scarps caused by wave erosion shall be eliminated during this task. Grading and other construction equipment will not be permitted outside the project limit as shown in the plans except for ingress or egress to and from the site.

20.7 **Beach Fill Terminus:** The CONTRACTOR shall construct a fill taper or fill section at each end of the fill area, as indicated in the Plans.

20.8 **Removal of All Debris from the Fill Area:** Prior to placement of fill, the CONTRACTOR shall remove

(a). All snags, driftwood, trash, and similar debris laying within the foundation limits of the beach and dune fill area.

(b). All trash and other items as directed by the GOVERNMENT from the marsh platform area.

All materials removed shall be disposed of in an appropriate and legal manner and at the expense of the CONTRACTOR. No separate payment for removal and disposal of these materials shall be made. All costs shall be incorporated into the unit cost for beach and dune fill and marsh fill.

21. ONE-TIME BEACH AND DUNE SLOPE ADJUSTMENT

Should the CONTRACTOR encounter difficulty attaining the beach and dune slope delineated within the plan drawings, the CONTRACTOR may request a change in construction slope. This request must be provided to the GOVERNMENT in writing. The reason for the request in construction slope must be clearly stated and an alternate slope must be clearly stated. Based on this request and at the GOVERNMENT's discretion, the construction slope may be altered. The placed volume amounts for each payment section shall remain unaltered by this change in slope. No additional compensation will be provided to the CONTRACTOR. A request for slope change may be made only once during the construction of this project, following which the CONTRACTOR will be required to maintain the revised construction slope throughout the remainder of the project. A set of revised construction drawings delineating the change in construction slope and new slope break stationing will be provided to the CONTRACTOR within five (5) working days of the GOVERNMENT's acceptance of the change in construction slope.

22. DREDGE LOCATION CONTROL

22.1 **Continuous Electronic Positioning on the Dredge:** The CONTRACTOR is required to have in continuous operation on the dredge electronic positioning equipment that will accurately and continuously compute and plot the position of the dredge. A geographic positioning system, Differential Global Positioning System (DGPS), or equivalent, shall be used (to maintain precise positioning of the dredge). Whenever dredging operations are underway, the location of the dredge shall be continuously monitored and its position within the borrow area shall be recorded, in the Louisiana South State Plane Coordinate System, NAD 1983 (Lambert Conformal Conic), at intervals not to exceed two (2) minutes. The CONTRACTOR shall be running a dredge location and management program, DREDGEPACK or equivalent. The GOVERNMENT shall have unrestricted access to the bridge GPS and depth recording units to enable onboard real time review at anytime during construction. Plotters shall also continuously record the X, Y, Z (with respect to NAVD) position of the dredge's excavator. Such fixes, and the accompanying plots, shall be

furnished to the GOVERNMENT daily in an electronic format as part of the Quality Control Reports. The Quality Control Reports will be provided to the GOVERNMENT the next day. All vertical measurements shall be tide corrected and reported in NAVD; predicted tides will not be accepted. The dredge operator should have visual controls that depict the location and depth of the dredge's excavation device within the specified borrow area. The electronic positioning equipment shall be calibrated, maintained and operated so that the maximum error for the fixes recorded do not exceed the tolerances in the horizontal position (±3 feet) or vertical position (±0.1 foot). The location on the dredge of the master antenna and the distance and direction from the master antenna to the dredge's excavation device shall be reported in the Quality Control Reports. Mobilization, progress, and/or final payment to the CONTRACTOR will be withheld until all of the required information is provided to the GOVERNMENT.

22.2 **Tides:** The CONTRACTOR shall use measured tides for all hydrographic surveying and tidal corrections of cutterhead or drag arms (predicted tides are not acceptable). Measured tides shall be along the open coast of the project area and not within either adjacent navigation channels unless a tide study conducted by the CONTRACTOR and accepted by the GOVERNMENT supports the use of tide gages in the navigation channels.

23. BORROW AREA AND SUBMERGED PIPELINE BUOYS

Prior to bringing dredge equipment to the project site, the CONTRACTOR is required to establish lighted marker buoys along the perimeter of the borrow area, the submerged deposition area, all floating pipeline, booster pumps, pumpout stations and the submerged pipelines within 1/4 mile of the beach landing and borrow area perimeters. The CONTRACTOR shall establish lighted marker buoys which meet U.S. Coast Guard standards. The buoys shall be set at the locations provided in the Plans. The lighted buoys shall be maintained by the CONTRACTOR in the proper location, floating, upright and with functioning lights throughout the duration of the project. Electronic positioning shall be employed to set the buoys, and to check the positional integrity of the buoys on a daily basis. The results of these checks shall be reported in the Daily Quality Control Reports. If any of the buoys are not maintained in the proper location, the CONTRACTOR shall cease dredging until the buoys are maintained, replaced, or repositioned as shown in the Plans. Failure to maintain buoys will result in a withholding of retainage from payments to the CONTRACTOR until the buoys meet permit, Coast Guard, and Contract Document requirements and are satisfactory to the GOVERNMENT.

24. EXCAVATION

24.1 **Potential Differing Borrow Area Characteristics:** The characteristics of the materials in the borrow area may be as generally indicated by the sediment boring logs and grain size distribution curves attached hereto as Appendices I and II. The material found in each of the borrow area sediment core borings (vibracores) is indicative only of the material at that discrete location. The CONTRACTOR should

be aware that it is possible for material of differing characteristics to be present in the borrow area, including material differing from that contained in the vibracores.

24.2 **Excavation:** The borrow area to be used on this project is the Quatre Bayou Borrow Area. This borrow area is located approximately 3 miles west-southwest of the fill area. The Quatre Bayou Borrow Area will be used as the fill source for the beach and dune material, and for the marsh fill material. Material dredged during the relocation of the access canal appearing on the plans may also be used as marsh fill material.

24.2.1 **Overburden:** The Quatre Bayou Borrow Area has a layer of mud overburden material atop the dune and beach material. This overburden shall be placed in the marsh fill area as shown on the plans. Removal of the overburden is necessary before the dune and beach material can be dredged. Sidecasting mud from the borrow area and depositing it within the limits of the existing borrow area is allowed but the post-construction elevation of the borrow area must not be higher than the pre-construction elevation of the borrow area. The cost of sidecasting and rehandling the material will be included in the cost of marsh fill.

24.2.2 **Borrow Area Excavation Limitations:** All excavation shall be performed within the horizontal and vertical limits of the borrow areas shown in the plans. The borrow area has been further divided based on the allowable dredge depth in each sub-area of the borrow areas. Under no circumstances will excavation occur below the designated limit of cut as shown in the plans. No dredging is permitted in excess of the dredge depth shown in the plans, referenced to NAVD. The material located below the indicated dredge depth, in many cases, may not be suitable for placement. The CONTRACTOR will be required to certify in each Daily Quality Control Report that the excavation has occurred within the limits of the plans. If excavation occurs outside of the permitted borrow area, or below the depth as shown in the Plans, the CONTRACTOR will pay any and all permit fines for the permit violation. If the CONTRACTOR does not pay any costs, fines or other expenses related to dredging outside of the borrow area limits and/or for permit violations, the GOVERNMENT will withhold retainage from payments due to the CONTRACTOR from the GOVERNMENT, or may be recovered from the CONTRACTOR's bond to cover all costs, fines or expenses related to excavating outside of borrow area limits and/or deeper than allowed within the borrow area. The GOVERNMENT will deduct quantities of material dredged outside of and/or below the allowable dredge depths from pay quantities.

24.2.3 **Uniform Excavation:** To the greatest extent practicable, all excavation shall be performed in a uniform and continuous manner so as to avoid creating multiple holes, valleys, or ridges within the borrow area. The borrow area

shall be dredged to maximize the removal of suitable material from each sub-area of the borrow area.

24.3 Acceptable and Unacceptable Materials:

24.3.1 The project as depicted in the plans features a marsh platform and the beach and dune fill area. The locations of the marsh platform and the beach and dune fill area appear in the plans.

24.3.2 Beach and Dune Fill Area: The "Landward Toe of Dune", which appears on the plans, marks the northern boundary of the beach and dune fill area. The CONTRACTOR will NOT be paid for any material placed in the beach and dune fill area that comes from a source other than the Quatre Borrow Area. In order to minimize turbidity in the Gulf of Mexico and maximize project performance, beach and dune fill shall not exceed a silt content of 15% with a minimum mean grain size of 0.09 mm, as measured on the beach following placement. Overburden materials shall not be used for beach and dune fill. Unacceptable materials also include hard clays, debris, and rocks or rubble larger than 1.9mm in diameter. If the GOVERNMENT has reason to believe that the material being placed in the beach and dune fill area does not meet the above standards, the GOVERNMENT may require the CONTRACTOR to collect sand samples under the GOVERNMENT's direction and supervision and the CONTRACTOR's expense. The GOVERNMENT may then conduct a sieve analysis to determine whether the material being placed in the beach and dune fill area is acceptable.

24.3.3 Marsh Platform: The "Landward Toe of Dune", which appears on the plans, marks the southern boundary of the marsh fill area. Any dune and beach fill material incidentally dredged from the Quatre Bayou borrow area and placed within the marsh fill template may be left in place. The material will be accounted for as marsh fill and paid for at the unit price for marsh fill.

24.4 Encountering Unacceptable Material in the Borrow Area: Unacceptable material shall not be placed in the fill areas. The CONTRACTOR shall continuously monitor the fill material for unacceptable materials in the fill being placed. If unacceptable materials are encountered during dredging, the CONTRACTOR shall immediately cease operation and relocate to another portion of the borrow area to eliminate the unacceptable materials. The CONTRACTOR shall immediately notify the GOVERNMENT verbally, and report the encounter with the unacceptable materials in the Quality Control Report, providing location in State Plane Coordinates of the area of the unacceptable materials. Unacceptable materials which are excavated and placed in the fill areas will be removed from the beach areas by the CONTRACTOR, at the CONTRACTOR's own cost. If the CONTRACTOR fails to remove the unacceptable materials to the satisfaction of the GOVERNMENT, such materials may be removed by the GOVERNMENT and the cost of such removal may be deducted from any money due, or to become due, to the CONTRACTOR or may be

recovered under their bond. The GOVERNMENT has the authority to determine if the quality of the material being placed in the areas is acceptable. If the GOVERNMENT makes a specific determination that material being placed is unacceptable, the CONTRACTOR will adjust their construction operation to avoid this material. This does not relieve the CONTRACTOR of responsibility for all placed material, including unacceptable material, rock, rubble, and debris.

24.5 **Character of Material Within the Borrow Areas:** The descriptions of the material are based on remote site investigations and site-specific core borings. The material descriptions are provided in the appendices of this section and only describe the materials obtained from those investigations. The CONTRACTOR is solely responsible for any interpretation or conclusions drawn there from. The CONTRACTOR may visually inspect the core samples prior to the start of construction. The cores may be viewed at the offices of Mark Kulp, University of New Orleans (504-280-1170) during normal business hours. The CONTRACTOR shall provide a five (5) work day notice to the GOVERNMENT of the requested visit.

24.5.1 **Quatre Bayou Borrow Area:** Based on limited information provided by the core borings, the materials found within the Quatre Bayou Borrow Area consist of fine sand overlain by a mud overburden.

24.6 **Preservation of Historical, Archeological, and Cultural Resources:** A cultural resource study has been conducted within the borrow area. Those areas with magnetic anomalies that have been judged to possibly be of historical, archeological or cultural value have been excluded from the borrow areas. If during construction activities the CONTRACTOR observes items that may have historical, cultural, or archeological value, the CONTRACTOR shall immediately cease all activities that may result in the destruction of these resources and shall prevent their employees and subcontractors from trespassing on, removing, or otherwise damaging such resources. Such observations shall be reported immediately to the GOVERNMENT so that the appropriate authorities may be notified and a determination made as to their significance and what, if any, special disposition of the finds should be made. The CONTRACTOR shall report any observed unauthorized removal or destruction of such resources by any person to the GOVERNMENT and appropriate State of Louisiana authorities. The CONTRACTOR will relocate the dredge to another area within the borrow area and resume construction of the project, and not return to the site in question until State authorities have rendered judgment concerning the artifacts of interest.

24.7 **Preservation of Existing Natural Resources:** Equipment operators shall be instructed by the CONTRACTOR with regards to avoiding damage to the water bottoms and existing vegetation outside the fill areas as marked on the plans during all phases of the work.

24.8 **Dredge Mobilization/Demobilization Notification:** The CONTRACTOR shall notify the GOVERNMENT at least three (3) days in advance of the date the dredge and other equipment will be mobilized and demobilized to and from the project area.

25. TRANSPORT OF EXCAVATED MATERIALS

25.1 **Hydraulic Placement of Fill:** All fill will be placed hydraulically. The method of transport and hydraulic placement will be at the discretion of the CONTRACTOR. However, methods and equipment will have to comply with all permit, production, environmental, and contractual requirements.

25.2 **Scows and Vessels:** All scows and vessels must be kept in good condition, the coamings repaired, and the pockets provided with proper doors or appliances to prevent leakage of material.

25.3 **Pipeline Transport of Fill:** If a pipeline is used to transport material, the pipeline seaward of the beach landing shall be submerged except at the dredge, booster pumps (if required) and at oil and gas infrastructure crossings. In these instances, the pipeline shall be floated.

25.4 **Pipeline Leaks:** The CONTRACTOR shall maintain a tight discharge pipeline at all times. The joints shall be so constructed as to preclude spillage and leakage. Leaks shall be promptly repaired. The CONTRACTOR will transport the GOVERNMENT to the leak repair site for visual inspection if so requested by the GOVERNMENT. Failure to repair leaks or change the method of operation that is resulting in leakage and wastes beach and dune compatible material or exceeds turbidity and water quality standards during transport to discharge site will result in a requirement to suspend dredging operations and require immediate repair or change of operation to prevent leakage as a prerequisite to the resumption of dredging.

25.5 **Submerged Line Approvals:** Should the CONTRACTOR choose to use a submerged line from the borrow area to the placement area, the CONTRACTOR shall obtain all easements, rights of way, and permits required. The CONTRACTOR is required to conduct any field investigations or survey necessary to establish the pipeline corridor.

26. WATER DISCHARGE AREA AND OPEN WATER DISCHARGE

26.1 **Maximum Sedimentation Elevation:** A water discharge area is identified within the construction plans. The CONTRACTOR shall use this area to the greatest extent possible to discharge water from the marsh construction. Hydraulic fill placement or filling by sedimentation shall not exceed +2 feet, NAVD within the water discharge area. Mechanical alterations and operation of machinery in the water discharge area is not permitted except as necessary to excavate and place primary dikes as shown on the construction drawings. No additional compensation will be provided to the

CONTRACTOR for fill placement within the discharge area. The number and location of discharges into the area are at the discretion of the CONTRACTOR.

26.2 **Turbidity Control:** The CONTRACTOR is required to discharge water from the water discharge area into adjacent waters to avoid impoundment of water. The CONTRACTOR must provide a turbidity control plan detailing means and methods for any discharge of water outside the project footprint, including, if applicable a description of any water control structures proposed for use. The plan must contain methods to limit turbidity and sedimentation in open water. Turbidity curtains shall be used at all outflow areas. The turbidity control plan must be submitted to the GOVERNMENT seven (7) days prior to the pre-construction conference.

26.3 **Water Control Structures:** The CONTRACTOR may use any number or design of water control structures for water discharge provided the structure is of sufficient size to discharge an appropriate volume of water. The rate of discharge must be manually controllable with the ability to completely shut off discharge through the structure. The turbidity control plan should also describe the method and timing of removal of any proposed water control structures.

27. MISPLACED MATERIALS

The CONTRACTOR shall not deposit dredged material on the existing bay shores, beaches, or existing marshes except within the fill areas shown on the Plans without approval of the GOVERNMENT. If any material is deposited other than in places designated or approved, the CONTRACTOR may be required to remove such misplaced material and redeposit it where directed by the GOVERNMENT, at the CONTRACTOR's expense. This will include materials in the borrow area (see Section 24.2.1).

28. PRIMARY DIKE CONSTRUCTION

28.1 **General:** The boundaries of the primary dikes appear in the plans. Discharge from the marsh fill areas shall not be allowed to flow into the adjacent bays, the Gulf, or other navigable waters. Primary dikes shall be erected as shown on the drawings to prevent discharge of turbid water into said areas. The CONTRACTOR is required to provide continual maintenance of the primary dikes so that they perform their intended function during the construction period for which they are needed.

28.2 **Dimensions:** Primary dikes must be constructed to a minimum elevation of +4.5 feet NAVD with a tolerance of +1.0 foot. Primary dikes shall have a minimum crest width of 5 feet. Other dike dimensions including side slope and base width are at the discretion of the CONTRACTOR provided the structure is substantial enough to prevent a blowout, discharge of fill material, and/or turbid water discharge into adjacent water bodies. The CONTRACTOR is required to build and maintain the primary dike until completion of the project. The CONTRACTOR may leave the primary dikes in place at the end of construction. Data regarding existing geotechnical site conditions and recommendations regarding stable slopes and dike

cross-sections are provided in Appendix IV. The CONTRACTOR must provide a plan for primary dike construction including a representative drawing of dike dimensions seven (7) days prior to the pre-construction conference.

29. EXCAVATION WITHIN THE VICINITY OF EXISTING INFRASTRUCTURE

29.1 **Limit of Excavation:** Oil and gas infrastructure are present throughout the project area. Project construction requires work in the immediate vicinity of oil and gas pipelines, wellheads, and other infrastructure. The CONTRACTOR is required to independently locate infrastructure in accordance with GC 29.4. In several locations, the temporary flotation canals and the proposed oil infrastructure access canal crosses oil and gas lines owned and operated by Hunt Petroleum. Under the terms of this contract, The CONTRACTOR shall not excavate within twenty-five (25) feet of any active and/or abandoned flowline, within fifty (50) feet of any wellhead, or within fifty (50) feet of any active and/or abandoned pipeline. The CONTRACTOR shall notify representatives of Hunt Oil not less than seventy-two (72) hours in advance of the Contractor approaching the limit of excavation. Hunt Petroleum is solely responsible for locating, marking, uncovering, cutting, capping, removing, and disposing of all abandoned lines at locations A, B, C, D, and E, as shown in the plans. The contact party for Hunt Oil is Mr. Ken Babin, District Superintendent, (985) 858-5012, (cell # 985-855-5256), P. O. Box 4136, Houma, LA 70361.

29.2 **Removal of Abandoned Lines:** Hunt Petroleum will cause abandoned lines marked at locations A, B, C, D, and E, as shown on the plans, to be located, marked, uncovered, excavated, cut, capped, removed, and disposed of upon notification from the CONTRACTOR. Hunt Oil will remove the pipelines such that the end of the pipeline is a minimum of five (5) feet away from the edge of the oil infrastructure access canal and the temporary flotation channel(s). The CONTRACTOR will resume excavation of the access canal and/or temporary flotation channel(s) following removal of the pipelines. The CONTRACTOR shall not conduct any excavation operations within twenty-five (25) feet of any active and/or abandoned flowline, within fifty (50) feet of any wellhead, or within fifty (50) feet of any active and/or abandoned pipeline unless and until such lines have been so removed by Hunt.

30. OIL INFRASTRUCTURE ACCESS CANAL DREDGING

30.1 **Scope:** Oil Infrastructure Access Canal Dredging shall consist of removing and satisfactorily disposing of all spoil material required to construct the oil infrastructure access canal. The limits of dredge work shall conform to the lines and grades shown on the project plans. Tolerances outside these requirements must be approved by the GOVERNMENT.

30.2 **Method:** No method of dredging is specified. The CONTRACTOR will use any environmentally acceptable method that will complete the work in accordance with the plans. However, the CONTRACTOR shall submit to the GOVERNMENT the

method and equipment intended to be used to complete dredging of the access canal seven (7) days prior to the pre-construction conference.

30.3 **Disposal:** To the greatest extent possible dredged material shall be used for primary dike construction or canal closures. Volumes in excess of those required for dike containment will be deposited in the marsh fill area as shown on the drawings.

31. CANAL CLOSURES

The CONTRACTOR is required to close the existing canal within the marsh construction template as identified within the plan drawings. No method of closure is specified. The CONTRACTOR will use any environmentally acceptable method that will complete the work in accordance with the plans. However, the CONTRACTOR shall submit to the GOVERNMENT the method and equipment intended to be used to complete the closure seven (7) days prior to the pre-construction conference. The CONTRACTOR may use marsh fill material to close the canal.

32. SAND FENCING

32.1 **Description:** Sand fencing shall be installed after beach fill segments are accepted in accordance with the drawings to aid in the stabilization of sand and in the retention of wind blown sand within the project areas. Sand fencing must be installed within seven (7) days following acceptance of a fill segment. A double row of fencing shall be constructed to obtain the maximum effectiveness for the location. Section lengths and configuration may vary. Gaps, as shown on the drawings will separate the beginning and end of each fence section. Wooden fence posts are to be used for vertical support. The slatted wood sand fencing shall be wired to the posts at the top, middle, and bottom. The wire shall be corrosion resistant and affixed with no less than three (3) tie clips around the posts. At the end of fence sections, two wraps of wiring shall be used at each fence wire and at the top and bottom. Additional rows of fencing, or parts thereof, may be installed at various locations should site conditions warrant, as directed by the GOVERNMENT. Tie clips or wire must be approved by the GOVERNMENT prior to construction. Three (3) wraps of the wire shall be used at all tie locations on the fence.

32.2 **Material Specifications:**

32.2.1 Posts: Posts shall be 0.40 pcf ACQ (Alkaline copper quaternary) retention, #2 grade, new lumber. Fence posts shall be 4” x 4” posts ten (10) feet long driven six (6) feet into the ground and placed ten (10) feet on center. The posts shall be vertically plumb, the alignment shall be in straight lines.

32.2.2 Fencing: Sand fencing shall be standard, weather resistant snow fencing. Sand fence shall be furnished in rolls of 50 feet or 100 feet. The sand fence is to be composed of the following elements:

32.2.2.1 Slats: Slats shall be made of No. 1 aspen or spruce measuring 3/8 inch thick, 1-1/2 inch wide by 4 feet long. The maximum distance between slats shall not exceed 2-1/4 inches. The slats shall be weather proofed by an acceptable pressure treatment method.

32.2.2.2 Fence Wire: Wire for securing slats shall be commercial quality steel that has been hot-dipped galvanized with a minimum gauge rating of 13. The wire shall be twisted around the slats sufficiently to penetrate the slat to hold it in place. Wire strands shall not exceed 10 inches and shall not be closer than 4 inches from slat ends.

32.2.2.3 Tie Wire: The wire that is used to tie the fence to the posts shall be hot-dipped galvanized and shall be at least one gauge larger than the individual wires used for the fencing.

32.2.2.4 Overlaps: Where sections of sand fence are joined, a minimum of six (6) inches of each section shall overlap. The overlaps shall be secured using three (3) wraps of wiring at four (4) places: top, bottom, middle top, and middle bottom as specified.

32.3 Installation:

32.3.1 Sand fence location and alignment shall be in conformance with the drawings unless otherwise required or approved by the GOVERNMENT in order to accommodate site conditions that exist at the time of installation. The fence posts shall be installed with the flat portion of the post facing the Gulf of Mexico. The sand fence shall be installed on the Gulf of Mexico side of the post, so that it is attached to the flat portion of the post. Such location and alignment changes shall not reduce the contract quantity of fencing materials.

32.3.2 CONTRACTOR's equipment used for the installation of fence posts, the transportation of fencing materials, and the movement of personnel shall be of the type that shall not cause non-repairable damage to surface areas of the beach when properly used. All equipment proposed for use on the beach shall be acceptable to the GOVERNMENT prior to mobilization to the beach. Equipment operators shall be fully instructed with regards to avoiding damage to the beach surfaces and vegetation. At the discretion of GOVERNMENT, the CONTRACTOR may be required to restore beach surface elevations changed by 0.5 feet or more by the CONTRACTOR during mobilization, construction, or demobilization.

32.3.3 Fencing materials stored on the work site shall be placed in an easily accessible location that has been approved by the GOVERNMENT. Stored materials shall be placed and maintained in a neat, orderly, and safe manner.

33. SETTLEMENT PLATES

33.1 **Scope:** This work consists of furnishing and assembling the materials needed to construct and install settlement plates in accordance with these specifications and the project plans or as directed by the GOVERNMENT. It should be noted that the settlement plates are intended for LADNR's long term monitoring of the island and payment for marsh and island fill shall not be based on the settlement of these plates.

33.2 **Materials:** Plates shall be fabricated with a four foot (4') x four foot (4') x one fourth inch (1/4") steel plate with a three inch (3") diameter galvanized riser pipe connected to the center of the plate with a 3/16" continuous filet weld. The pipe length shall be of sufficient length to facilitate the placement in the areas as shown in the plans, extending a minimum of 5 feet above finished grade. The top of the pipe will be closed with a galvanized cap. After fabrication, the settlement plate shall be hot dipped galvanized.

33.3 **Zinc Coating:** Zinc coating shall be applied in a manner and thickness quality conforming to ASTM A 123. In all cases where zinc coating is destroyed by cutting or other causes, the affected areas shall be regalvanized with a suitable low-melting zinc base alloy similar to the recommendations of the American Hot-Dip Galvanizers Association to the thickness and quality specified for the original zinc coating. Coating less than 2 ounces shall be regalvanized by a repair compound.

33.4 **Installation:** The settlement plates shall be installed on profile lines CG4, CG8, CG13, CG16, CG20, CG24, and CG28 at the locations as shown on the plans, prior to the placement of marsh or beach fill. The CONTRACTOR shall exercise care when placing fill material in the vicinity of the settlement plates. Any damaged settlement plates shall be replaced by the CONTRACTOR at no expense to the GOVERNMENT. (Damaged settlement plates are defined as plates which would not accurately locate the primary dike centerline, sand dune centerline, and marsh elevations as determined by the GOVERNMENT. Leveling of the plate bed shall be

accomplished by removing the minimum amount of earth or debris necessary to produce an even foundation and in such manner that the density of the plate bed will remain at the same density as the undisturbed adjacent ground. Leveling of the plate bed by the addition of fill will not be permitted.

34. NAVIGATION WARNING SIGNS

34.1 **Description:** Permanent signs shall be provided and installed by the CONTRACTOR as noted within the project plans. Signs shall be placed at canal closures prior to closure construction. Placed signs shall not be placed in a manner to impede construction activities and must be clearly visible from the canal. Reflective materials are required to allow easy observation of the signs at night.

34.2 **Material Specifications:**

34.2.1 Piles: The piles shall be twenty-five (25) feet long treated timber piles with a nominal 12-inch diameter butt and 7-inch minimum diameter at the tip. All timber pilling shall conform to LA DOTD 2000 Standard Specification Sections 812 and 1014. All piling shall be treated with Creosote or Chromated Copper Arsenate (CCA). All Creosote treatment shall meet American Wood Preservers Association (AWPA) P2 with a minimum retention of 20 LB. /CU. FT. All creosote treated pilings shall be steam flushed for a minimum of one (1) hour at 240° F (116° C) after treatment. All CCA treated piles shall conform to AWPA C2 with a minimum retention of 2.5 LB./CU. FT. of CCA oxides in the outer 0.60 inches. Retention shall be determined by assay performed and certified by the treating company.

34.2.2 Sign: The sign shall be a 3/16-inch aluminum plate (6061-T6) and be four-foot square. It shall have a 2” reflective orange border with black lettering as detailed in the plans.

34.2.3 Bolts: The bolts shall be 5/8-inch diameter ASTM A36 bolts with OGEE washers. Three are required for each sign. Spacers shall be placed between the washers and the sign, and a plastic or nylon sleeve shall be placed between the bolt and the sign.

34.3 **Installation:** Five signs shall be installed at locations shown in the plans. The top of the piling shall be at 11 feet, NAVD. The sign shall be attached to the pile with three bolts at dimensions shown in the plans. Neoprene washers shall be placed between the sign and the piling at all points of contact.

35. PRE-CONSTRUCTION AND AS-BUILT SURVEYS – BEACH AND DUNE

35.1 **Survey Requirements:** All profile surveys shall be conducted by differential leveling techniques. The CONTRACTOR shall close all level loops. The closure shall be less than 0.04 feet. All onshore points shall be within +/- 1 foot horizontally of the established profile line. Payment surveys must extend a minimum of 250 feet seaward of the toe of fill. If a fathometer is used to survey the offshore portion of the profile, the bathymetric survey and rod survey must overlap by a minimum of 50 feet. A 6" diameter metal plate shall be attached to the bottom of the survey rod to prevent the rod from sinking into the bottom.

35.2 **Profile Line Azimuths:** Profile line surveys shall be conducted along an azimuth of 187°. The survey baseline on each profile line is Station 0+00. Data points collected south of the baseline shall be reported as a positive offset while data points north of the baseline shall have a negative offset. A sufficient number of points shall be taken along each line to ensure adequate description of topographic features, such as the dimensions of primary dikes, slope breaks, dune crest, foreshore, and intersections of the fill with the existing grade or bottom, with a maximum elevation difference of approximately 1 foot between adjacent points. Data points shall be taken at a spacing of not more than 20 feet. The product shall be a continuous line representing the entire fill template of the beach and dune.

35.3 **Survey Documentation:** All survey work shall be documented with copies supplied to the GOVERNMENT. The As-Built pay surveys may be required to be conducted in the presence of the GOVERNMENT or their representative, at the option of the GOVERNMENT. The CONTRACTOR shall provide at least three (3) days advance notice to the GOVERNMENT prior to conducting surveys.

35.4 **Deliverables to the GOVERNMENT:** Deliverables to the GOVERNMENT shall include processed survey data of range, station, and elevation from each of the profile baseline monuments in a hard copy form and an electronic format in one of the ASCII formats appearing in Appendix III. No other formats are acceptable. Additional information to be provided the GOVERNMENT shall include any corrections and field notes.

35.5 **Grade Stakes:** Any and all grade stakes used in the project area shall be composed of metal conduit pipe to facilitate recovery of the stakes. The CONTRACTOR shall remove all grade stakes from each completed section immediately after the section has been completed. Upon completion of construction in an area, the CONTRACTOR shall conduct a search using a suitable sensitive metal detector to find each and every stake placed by the CONTRACTOR in the area. The search and removal of all grade stakes shall be certified by the CONTRACTOR. The CONTRACTOR will not be eligible for payment until the CONTRACTOR certifies that all grade stakes have been removed. Sections of the beach upon which the search for, and removal of, grade stakes is complete shall be documented in the Daily

Quality Control Report. Any grade stakes left in the fill area will be the sole responsibility and liability of the CONTRACTOR. Any injuries to people which may occur because grade stakes were left in the fill area by the CONTRACTOR will be the responsibility and the liability of the CONTRACTOR. If the CONTRACTOR fails to remove grade stakes in a timely manner, the GOVERNMENT may have the stakes removed and deduct the cost from the CONTRACTOR's final payment.

35.6 **Pre-Construction Survey:** Pre-construction surveys will be conducted by the CONTRACTOR. The surveys will be used by the GOVERNMENT to update the plans and prepare the final cross-sections for the Plans. The CONTRACTOR shall not commence construction until all cross-sections, based upon the CONTRACTOR's dune and beach fill area pre-construction survey, have been incorporated into the Plans for the project, unless permission to proceed is provided in writing by the GOVERNMENT. A minimum of five (5) working days will be required to update the project plans upon receipt of the pre-construction survey data.

35.7 **As-Built Survey:** If determined by the GOVERNMENT to be an accurate representation of the post-construction fill placement, the CONTRACTOR's as-built survey records will be used to compute the volume placed for payment purposes. The GOVERNMENT, at their discretion, may verify the as-built survey results of the CONTRACTOR. The GOVERNMENT's survey will be used for payment purposes if, in the GOVERNMENT's opinion, a significant difference is found between the CONTRACTOR's as-built survey and the GOVERNMENT's survey.

35.8 **Survey Field Notes Submittal:** The CONTRACTOR shall submit survey field notes to the GOVERNMENT upon completion of each survey to expedite review of payment requests. All field notes, survey and volume computations, and the records used by the CONTRACTOR to compute the payment fill quantity shall be furnished to the GOVERNMENT with the Application for Progress Payment and Final Application for Payment.

35.9 **Survey Discrepancy:** If there is a discrepancy between surveys conducted by the CONTRACTOR and the GOVERNMENT, the respective surveyors will attempt to resolve the survey discrepancy.

36. PRE-CONSTRUCTION AND AS-BUILT SURVEYS – MARSH

36.1 **Optional Pre-Construction Survey:** The CONTRACTOR may elect to conduct a pre-construction survey and submit it to the GOVERNMENT for use in the calculation of marsh fill volumes. If the CONTRACTOR does not elect to perform their own marsh pre-construction survey, the profiles shown in the construction plans will be the basis for payment. If a pre-construction survey is performed for payment calculation purposes, all profile surveys shall be conducted by differential leveling techniques.

36.2 **As-built Survey:** The CONTRACTOR shall perform the as-built survey no earlier than thirty (30) days following completion of marsh fill placement within a fill section. The CONTRACTOR may perform the as-built survey in a similar manner as to the pre-construction survey. However, it is anticipated that the constructed marsh may be in a semi-liquid state and conventional surveying may be difficult. The GOVERNMENT may therefore allow the use of graduated grade stakes and visual measurement from the perimeter of the marsh to take the place of conventional topographic surveying. The CONTRACTOR must propose the method seven (7) days prior to the pre-construction conference and demonstrate that it will provide acceptable results before the GOVERNMENT approves this surveying method.

36.3 **Grade Stakes:** Any and all grade stakes used in the project area shall be composed of metal conduit pipe to facilitate recovery of the stakes. The CONTRACTOR shall remove all grade stakes from each completed section immediately after the section has been completed. The CONTRACTOR will not be eligible for payment until the CONTRACTOR certifies that all grade stakes have been removed. Sections of the marsh upon which the search for, and removal of, grade stakes is complete shall be documented in the Daily Quality Control Report. Any grade stakes left in the fill area will be the sole responsibility and liability of the CONTRACTOR. Any injuries to people which may occur because grade stakes were left in the fill area by the CONTRACTOR will be the responsibility and the liability of the CONTRACTOR. If the CONTRACTOR fails to remove grade stakes in a timely manner, the GOVERNMENT may have the stakes removed and deduct the cost from the CONTRACTOR's final payment. Grade stakes shall be placed at 100 foot spacing along each marsh profile line prior to construction and of such dimension to be evident throughout the construction activities. Stakes should be embedded sufficiently to be stable through the fill process and to be vertically stable and not subject to settlement. These stakes shall have the minimum and maximum tolerance elevation delineated in non-identical colors. A reference elevation shall be recorded on the top of each stake to enable verification that the stake has not settled during construction. Each stake shall clearly indicate the target marsh elevation of +2.5' NAVD 88.

36.4 **Survey Requirements:** When as-built surveys are taken, all profile surveys shall be conducted by differential leveling techniques. The CONTRACTOR shall close all level loops; the closure shall be less than 0.04 feet. All points shall be within +/- 1 foot horizontally of the established profile line.

36.5 **Profile Line Azimuths:** Profile line surveys shall be conducted along an azimuth of 187°. The survey baseline on each profile line is Station 0+00. Data points collected south of the baseline shall be reported as a positive offset while data points north of the baseline shall have a negative offset. A sufficient number of points shall be taken along each line to ensure adequate description of topographic features, such as the primary dikes, slope breaks, dune crest, foreshore, and intersections of the fill with the existing grade or bottom, with a maximum elevation difference of approximately 1 foot between adjacent points. Data points shall be taken at a spacing of not more

than 50 feet. The product shall be a continuous line representing the entire fill template of the marsh.

36.6 **Survey Documentation:** All survey work shall be documented with copies supplied to the GOVERNMENT. The as-built pay surveys may be conducted in the presence of the GOVERNMENT or their representative, at the option of the GOVERNMENT. The CONTRACTOR shall provide three (3) working days advance notice to the GOVERNMENT prior to conducting surveys. The CONTRACTOR shall submit survey field notes to the GOVERNMENT upon completion of each survey to expedite review of payment requests. All field notes, survey and volume computations, and the records used by the CONTRACTOR to compute the CONTRACTOR's estimate of payment fill quantity shall be furnished to the GOVERNMENT with the Application for Progress Payment and Final Application for Payment.

36.7 **Deliverables to the GOVERNMENT:** Deliverables to the GOVERNMENT shall include processed survey data of range, station, and elevation from each of the profile baseline monuments in a hard copy form and electronic format in one of the ASCII formats appearing in Appendix III. No other formats are acceptable. Additional information to be provided the GOVERNMENT shall include any corrections and field notes.

37. AS-BUILT SURVEYS – BORROW AREA

The CONTRACTOR shall perform a post-construction as-built bathymetric survey of the entire borrow area (included undredged portions) within one week following the completion of dredging. The bathymetric survey shall be at a grid spacing of no more than 100 feet (survey lines shall be oriented north-south and east-west). The survey lines shall extend a minimum of 250 feet from the edge of the borrow area. A bathymetric plot and an electronic copy of the bathymetric survey shall be furnished to the GOVERNMENT in a format provided in Appendix III. The bathymetric survey shall be performed using a Model 449 Innerspace depth sound recorder or equivalent. Hydrographic surveys shall be performed in accordance with EM 1110-2-1003, dated 1 January 2002. The borrow area survey shall be submitted prior to payment for post-construction surveys.

38. VESSEL-SHORE TRANSFERS

For shore-to-vessel and vessel-to-shore transfers of personnel and supplies, the CONTRACTOR may utilize any commercial, public, or private facility for shallow draft vessels. It is the responsibility of the CONTRACTOR to obtain the required permission from the facility owner and to pay any costs associated with the use of the sites. The CONTRACTOR shall be responsible for any damages caused by the use of any site for landing and transfers, and shall maintain navigation through all navigable waterways and boat ramps. The CONTRACTOR shall use any landing site, transfer area, or staging area at their own risk. For informational purposes, the CONTRACTOR will be required to inform the GOVERNMENT of the site that the CONTRACTOR will be using for vessel-shore transfers.

39. WORK AREA AND TEMPORARY FENCING

The construction and borrow area limits available to the CONTRACTOR for accomplishing the work are shown in the Plans. Construction access will be as shown in the Plans. The CONTRACTOR shall accomplish the Work in such a manner so as to minimize disruption to boat traffic. The CONTRACTOR will be required to exclude the public, for safety purposes, from the work areas in the immediate vicinity of the hydraulic fill placement, grading and transporting operations, or any other area, which may be dangerous to the public. The storage areas shall be kept neat, orderly and in a safe manner. Temporary fencing and cautionary signage shall be used by the CONTRACTOR, if necessary, to exclude the public from work areas and storage areas.

40. CONSTRUCTION ACCESS

The CONTRACTOR shall limit construction access to the fill area to the locations shown in the Plans or as approved by the GOVERNMENT. The accesses must be restored to the pre-construction condition upon project completion at the cost of the CONTRACTOR, except as noted in the plans. The CONTRACTOR shall exercise caution when accessing and driving in the fill area with vehicles or equipment. In the event that damage is caused by the CONTRACTOR, the CONTRACTOR shall restore all damage to inlet jetties, vegetation, or any other structure or natural feature to pre-construction conditions or better. The CONTRACTOR will not receive final payment until all damage is restored to the satisfaction of the GOVERNMENT.

41. STAGING AREAS

Staging areas are shown in the plans. The CONTRACTOR shall cordon off and/or fence the staging areas to secure all staging areas from the public. The staging areas must be restored to the pre-construction condition upon project completion at the cost of the CONTRACTOR. If additional staging areas are needed, they shall be procured by and at the expense of the CONTRACTOR.

42. MISPLACED MATERIAL, PLANT MACHINERY, EQUIPMENT OR APPLIANCE

Should the CONTRACTOR, during the progress of the Work, lose, discard, throw overboard, sink, or misplace any material, plant, machinery, equipment, or appliance, which in the opinion of the GOVERNMENT should be removed, the CONTRACTOR shall recover and remove the same with the utmost dispatch. The CONTRACTOR shall give immediate notice, with description and location of such material, plant, machinery, equipment, or appliance, to the GOVERNMENT. Should the GOVERNMENT discover such material, plant, machinery, equipment, or appliance, the GOVERNMENT may locate through electronic means or buoy the material, plant, machinery, equipment, or appliance, and may notify the CONTRACTOR of its location. Removal of the material, plant, machinery, equipment, or appliance, shall be the responsibility of the CONTRACTOR and cost of the removal will be paid for by the CONTRACTOR. Should the CONTRACTOR refuse, neglect, or delay compliance with the above requirements, such material, plant, machinery, equipment, or appliance may be removed by the GOVERNMENT, and the cost of such removal may be deducted from any money due or to become due to the CONTRACTOR or may be recovered under the CONTRACTOR'S bond. The liability of the CONTRACTOR for the removal of a vessel wrecked or sunk without fault or negligence shall be limited to that provided in

Sections 15, 19, and 20 of the River and Harbor Act of March 3, 1899 (33-U.S.C. 410 et.seq.), or most recent version, if any.

43. FINAL CLEAN-UP

Final clean-up shall include the removal of the CONTRACTOR'S plant and all equipment or materials either for disposal or reuse. The CONTRACTOR shall remove all non-perishable debris, trash, and garbage from the site of work prior to final acceptance. Plant and/or equipment or materials to be disposed of shall only be disposed of in a manner and at locations approved by the GOVERNMENT. Unless otherwise approved in writing by the GOVERNMENT, the CONTRACTOR is not permitted to abandon pipelines, cables, pipeline supports, pontoons, or other equipment or materials in the disposal area, pipeline access areas, water areas, underwater in the Gulf of Mexico, Barataria Bay, or in any harbors, passes, or inlets, or other areas adjacent to the Work site. Any stakes or other markers placed by the CONTRACTOR must be removed as a part of the final clean-up. All stakes, including grade stakes, placed during the fill for the beach and dune operation shall be completely removed and shall not be left buried in the fill.

44. RESTRICTION OF PUBLIC ACCESS

44.1 **Restrictive Barrier:** If requested by the GOVERNMENT, the CONTRACTOR shall be required to erect, maintain, and move as necessary, a restrictive barrier around the discharge of his hydraulic pipeline (or other mechanical off loader) or any other active area where Work may present a safety hazard to the public. In the vicinity of the discharge, the barrier shall be constructed so as to prevent the public from approaching the discharge from any direction closer than 100 feet, or to provide an area sufficient in size for the safe progression of the Work. The CONTRACTOR shall post signs in a conspicuous manner stating, **"DANGER - HIGH PRESSURE DISCHARGE FROM DREDGE."**

44.2 **Dedicated Safety and Flag Person:** If requested by the GOVERNMENT, the CONTRACTOR shall have a dedicated safety and flag person on site at all times, whose sole responsibility is preventing the public from entering the Work area.

45. SCHEDULE OF DELIVERABLES

TASK	DELIVERABLE	SUBMISSION
3.1	Order of Work and Project Schedule	7 Days Prior to Pre-Const. Conference
8.5	Payment Volumes	Monthly – Prior to Final Acceptance
8.7	Post-Construction (Pay) Survey Data – Beach and Dune	Monthly – Prior to Final Acceptance
9.5	Payment Volumes	Monthly – Prior to Final Acceptance
9.7	Post-Construction (Pay) Survey Data – Marsh	Monthly – Prior to Final Acceptance
18.1	Island Breach Closure Plan	7 Days Prior to Pre-Const. Conference
22.1	Dredge Position Data	Daily
26.2	Turbidity Control Plan	7 Days Prior to Pre-Const. Conference
28.2	Primary Dike Plan	7 Days Prior to Pre-Const. Conference
30.2	Oil Infrastructure Access Canal Dredging Plan	7 Days Prior to Pre-Const. Conference
31	Canal Closure Plan	7 Days Prior to Pre-Const. Conference
35.6	Pre-Construction Survey Data – Beach and Dune	5 Days Prior to Construction
35.8	Survey Field Notes – Beach and Dune	Monthly – Prior to Final Acceptance
36.1	Optional Pre-Construction Survey Data – Marsh	5 Days Prior to Construction
36.2	As-built Marsh Survey Method Plan	7 Days Prior to Pre-Const. Conference
36.6	Survey Field Notes – Marsh	Monthly – Prior to Final Acceptance
37	As-built Borrow Area Survey	Prior to Final Acceptance

APPENDIX I

VIBRACORE LOGS

Note: A letter designation is used for multiple vibracores within the same location (e.g. vibracore QBVC-02-11A was taken at the same location as QBVC-02-11).

APPENDIX II

SAND SAMPLE ANALYSIS

APPENDIX III

SURVEY DATA FORMATS

SURVEY DATA FORMATS

Format 1:

Louisiana Department of Natural Resources
Strategic Online Natural Resources Information System
SONRIS 2000
Coastal Restoration Division
(See http://www.savelawetlands.org/site/Descriptors.pdf)

This format is an ASCII comma-delimited format. The arrangement of the columns is as follows:

1. Project Number: Alphanumeric value assigned to a project by LDNR used for identification purposes.
2. Station Number: Alphanumeric value assigned to a station by LDNR used for identification purposes. For survey data, the station is actually the center of the area where surveying occurs.
3. Group: A classification given to a group of stations that share a common characteristic. For this project, the Group name is the name of the profile line.
4. Status: Generally describes whether data were collected in the Pre- or Post-construction period.
5. Date (mm/dd/yyyy): Date the data where collected.
6. Time (hh:mm:ss): Time the data where collected.
7. Point Number: Identification number assigned to data point by survey team. In many cases data are collected at points along transects and a station might consist of several transects.
8. Easting utm83 (m): Horizontal coordinate.
9. Northing utm83 (m): Horizontal coordinate.
10. Elevation NAVD88 (m): Elevation relative to North American Vertical Datum of 1988.

Example:

```
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,01,829997.02,3241533.14,-0.91
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,02,829991.87,3241512.72,-1.13
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,03,829991.52,3241511.46,-1.07
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,04,829988.26,3241498.42,-2.23
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,05,829985.45,3241487.40,-2.74
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,06,829985.16,3241486.17,-3.60
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,07,829985.02,3241485.56,-3.63
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,08,829982.27,3241474.66,-3.90
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,09,829982.18,3241474.51,-3.90
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,10,829980.30,3241467.10,-4.24
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,11,829979.81,3241465.17,-4.30
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,12,829978.51,3241459.81,-4.24
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,13,829976.63,3241452.34,-4.63
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,14,829976.34,3241451.27,-4.57
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,15,829974.89,3241445.75,-4.72
```

Format 2:

U.S. Army Corps of Engineers
Beach Morphology Analysis Program - Free Format

This format is an ASCII format listing the profile line name, the number of points on each profile, and the distance and elevation values:

<Profile Name #1	Easting of Origin	Northing of Origin,	Azimuth of Origin	Date>
<Number of Points>				
<Distance Value #1>	<Elevation Value #1>			
<Distance Value #2>	<Elevation Value #2>			
<Distance Value #3>	<Elevation Value #3>			
<Distance Value #4>	<Elevation Value #4>			
(etc.)				
<Profile Name #2	Easting of Origin	Northing of Origin,	Azimuth of Origin	Date>
<Number of Points>				
<Distance Value #1>	<Elevation Value #1>			
<Distance Value #2>	<Elevation Value #2>			
<Distance Value #3>	<Elevation Value #3>			
<Distance Value #4>	<Elevation Value #4>			
(etc.)				

All of the above values are to be reported in State Plane NAD83 / NAVD88 feet. Meters or UTM coordinates are not acceptable. Distance values may be calculated according to the following formula:

Distance Value = [(Easting of Point) – (Easting of Origin)]·sin(Azimuth of Origin) + [(Northing of Point) – (Northing of Origin)]·cos(Azimuth of Origin)

Example:

```
SG01     3831677.3  278768.2   195.0   06-01-2004
6
 -154.2  -1.1
 -133.7   3.0
  197.4   3.0
  332.4   6.0
  542.4   6.0
  938.4  -2.8
SG02_PI1 3832115.0  278650.1   195.0   06-01-2004
5
 -553.1   3.0
  113.9   3.0
  248.9   6.0
  458.9   6.0
  936.5  -4.6
SG03     3832553.5  278531.7   195.0   06-01-2004
6
 -454.4   1.5
 -447.0   3.0
   54.6   3.0
  189.6   6.0
  399.6   6.0
  873.6  -4.5
```

Format 3:

X, Y, Z, Profile Line Comma Delimited format

This format is an ASCII comma-delimited format. The arrangement of the columns is as follows

1. Easting (State Plane NAD83, feet)
2. Northing (State Plane NAD83, feet)
3. Elevation (Elevation relative to North American Vertical Datum of 1988 in feet)
4. Profile Line Name

Example:

```
3832117.8,        280412.5,            -3.0,        SG1
3832100.0,        280345.8,            -3.7,        SG1
3832098.8,        280341.7,            -3.5,        SG1
3832087.5,        280299.1,            -7.3,        SG1
3832077.8,        280263.1,            -9.0,        SG1
3832076.8,        280259.1,           -11.8,        SG1
3832076.3,        280257.1,           -11.9,        SG1
3832066.8,        280221.5,           -12.8,        SG1
3832066.5,        280221.0,           -12.8,        SG1
3832060.0,        280196.8,           -13.9,        SG1
3832058.3,        280190.5,           -14.1,        SG1
3832053.8,        280173.0,           -13.9,        SG1
3832047.3,        280148.6,           -15.2,        SG1
3832046.3,        280145.1,           -15.0,        SG1
3832041.3,        280127.1,           -15.5,        SG1
```

APPENDIX IV

STE GEOTECHNICAL REPORT

APPENDIX V

DECEMBER 2003 CROSS SECTIONS

APPENDIX I

VIBRACORE LOGS

Note: A letter designation is used for multiple vibracores within the same location (e.g. vibracore QBVC-02-11A was taken at the same location as QBVC-02-11).

QUATRE BAYOU
2002 VIBRACORE LOGS

HOLE NO. QBVC-02-02

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3762196 Y=295199	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-02	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 08/27/02 08:11 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -12.2 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 93 %
9. TOTAL DEPTH OF HOLE 15.5 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-12.2	0					
-13.5	1		SAND, very fine grained, quartz, some silt, trace shell hash, dark gray (5Y-4/1), (SM).		1	Sample #1 Depth = 0.6 Mean (mm): 0.07, Phi Sorting: 0.43 Silt 31.76% (ML)
-14.1	2		SHELL HASH, some very fine grained quartz sand, trace silt, light olive gray (5Y-6/2), (SW-SM).		2	Sample #2 Depth = 1.6 Mean (mm): 0.26, Phi Sorting: 2.29 Silt 15.11% (SM)
-15.3	3		SAND, very fine grained quartz, some silt, trace shell hash, dark gray (5Y-4/1), (SM).		1	
-17.6	4, 5		SANDY CLAY, trace organics, very dark gray (5Y-3/1), (CL).		3	Sample #3 Depth = 4.6 *Mean (mm): 0.027, Phi Sorting: 2.20 *Sand 54.4%, Silt 33.3%, Clay 12.3%
-19.9	6, 7		SAND, very fine grained, quartz, some silt, layer of partially lithified sand from 7.4'-7.7', olive gray (5Y-4/2), (SM).		4	Sample #4 Depth = 6.6 Mean (mm): 0.08, Phi Sorting: 0.59 Silt 25.58% (ML)
-24.3	8, 9, 10, 11, 12		SAND, fine to very fine grained, quartz, trace silt, trace clay burrows, gray (5Y-5/1), (SP).		5	Sample #5 Depth = 9.5 Mean (mm): 0.11, Phi Sorting: 0.51 Silt 5.20% (SW-SM)
-26.6	13, 14		SAND, very fine grained, quartz, trace silt, little clay laminae, 1" clay pocket @ 13.7', 2" clay pocket @ 14.0', 1" whole shell @ 12.6', dark gray (5Y-4/1), (SC).		6	Sample #6 Depth = 12.9 Mean (mm): 0.10, Phi Sorting: 0.49 Silt 11.65% (SM)
-27.7	15		No Recovery			
	16, 17, 18, 19, 20, 21, 22, 23, 24		End of Boring Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3762195 Y=295199	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-02A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 08/27/02 08:50 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -12.2 FT
	18. TOTAL CORE RECOVERY FOR BORING 77%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 18.4 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-12.2	0					
	1					
	2					
	3					
	4					
	5					
	6					
	7		JET			
	8					
	9					
	10					
	11					
	12					
	13					
-25.8	14					
	15		SAND, very fine grained, quartz, trace silt, little clay laminae, 1" clay layers @ 15.2', 15.4' 15.5' and 16.4', gray (5Y-5/1), (SC).		2S#6	
	16					
-29.5	17					
-30.6	18		No Recovery			
	19		End of Boring			
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	22					
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763730 Y=292645	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-03	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 08/27/02 09:38 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -17.0 FT
	18. TOTAL CORE RECOVERY FOR BORING 98%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 14.0 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-17	0					
-23.2	1–6		CLAY, dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 2.5 *Mean (mm): 0.03, Phi Sorting: 2.40 *Sand 13.2%, Silt 60.3%, Clay 26.5%
-27.8	7–10		SAND, very fine to fine grained, quartz, trace silt, olive gray (5Y-5/2), (SP).		2	Sample #2 Depth = 8.5 Mean (mm): 0.11, Phi Sorting: 0.52 Silt 5.85% (SW-SM)
-30.7	11–13		SAND, very fine grained, quartz, some silt, dark gray (5Y-4/1), (SM).		3	Sample #3 Depth = 11.4 Mean (mm): 0.08, Phi Sorting: 0.48 Silt 22.66% (SM)
-31	14		No Recovery End of Boring			
	15–24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763711 Y=292669	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-03A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 08/27/02 11:55 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -17.0 FT
	18. TOTAL CORE RECOVERY FOR BORING 47%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 18.6 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-17	0					
	1					
	2					
	3					
	4					
	5					
	6		JET			
	7					
	8					
	9					
	10					
	11					
-29.5	12					
	13		SAND, fine to very fine grained, quartz, trace silt, clay lamina @ 13.5', dark clay laminae from 14.5' to 15.1', olive gray (5Y-5/2), (SW-SM).		1	Sample #1 Depth = 14.4 Mean (mm): 0.10, Phi Sorting: 0.48 Silt 10.67% (SM)
	14					
-32.4	15					
	16					
	17		No Recovery			
-35.6	18					
	19		End of Boring			
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO
	22					
	23					
	24					

HOLE NO. QBVC-02-03B

DRILLING LOG

DIVISION:	INSTALLATION: SHEET 1 of 1
1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763704 Y=292682	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-03B	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES
	15. ELEVATION GROUND WATER
6. DIRECTION OF HOLE VERTICAL	16. DATE HOLE Started Completed 08/27/02 12:24
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -17.0 FT
	18. TOTAL CORE RECOVERY FOR BORING 100%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 18.6 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-17	0					
	1					
	2					
	3					
	4					
	5					
	6					
	7		JET			
	8					
	9					
	10					
	11					
	12					
	13					
-31.1	14					
	15		SAND, fine to very fine grained, quartz, trace silt, 1.5" clayey sand pocket @ 15.3', >0.25" clay lenses @ 15.6' and 16.9', light olive gray (5Y-6/2), (SW-SM).		3AS#1	
-33.3	16					
	17		CLAY, some very fine to fine grained quartz sand laminae, trace shell hash, dark gray (5Y-4/1), (CL).			
-35.6	18					
	19		End of Boring			
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	22					
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3760791 Y=290588	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-08	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started Completed 08/27/02 07:17
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -17.3 FT
	18. TOTAL CORE RECOVERY FOR BORING 83%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 19.6 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-17.3	0					
-24	0–6		CLAY, trace sandy laminae, pocket of very fine grained sand with little silt from 2.2'-2.5', gray (5Y-5/1), (CL).		1	Sample #1 Depth = 3.0 *Mean (mm): 0.009, Phi Sorting: 2.2 *Sand 7.6%, Silt 64.9%, Clay 27.5%
-26.5	7–9		SANDY SILT, 2" clay pocket @ 7.6', olive gray (5Y-5/2), (ML).		2	Sample #2 Depth = 7.3 Mean (mm): 0.07, Phi Sorting: 0.35 Silt 60.22% (ML)
-27.2			CLAY, dark gray (5Y-4/1), (CL).		1	
-31.8	10–14		SAND, fine grained, quartz, trace silt, trace shell hash, 1" clay layer @ 12.5', gray (5Y-5/1), (SP).		3	Sample #3 Depth = 14.0 Mean (mm): 0.15, Phi Sorting: 0.51 Silt 3.13% (SP)
-33	15		SAND, fine grained, quartz, trace silt, little clay laminae, gray (5Y-5/1), (SC).		4	Sample #4 Depth = 14.9 Mean (mm): 0.13, Phi Sorting: 0.67 Silt 12.37% (SM)
-33.6	16		SAND, fine grained, quartz, trace silt, gray (5Y-5/1), (SP).		3	
-36.9	17–19		No Recovery			
	20		End of Boring			
	21–24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3761144 Y=292447	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-11	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 8/27/02 15:39 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -14.9 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 75%
9. TOTAL DEPTH OF HOLE 15.1 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-14.9	0					
-15.7			CLAY, soft, olive gray (5Y-4/2), (CL).		1	Sample #1 Depth = 0.4 *Mean (mm): 0.016, Phi Sorting: 2.40 *Sand 29.4%, Silt: 52.2%, Clay 18.4%
	1		SANDY SILT, trace shell hash, dark gray (5Y-4/1), (ML).			
	2		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		2	Sample #2 Depth = 2.0 *Mean (mm): 0.012, Phi Sorting: 2.20 *Sand 11.8%, Silt 66.0%, Clay 22.2%
-18.1	3					
-19.1	4		SANDY SILT, olive gray (5Y-5/2), (ML).		3	Sample #3 Depth = 3.5 Mean (mm): 0.06, Phi Sorting: 0.33 Silt 80.77% (ML)
-20.5	5		SAND, fine to very fine grained, quartz, some silt, light olive gray (5Y-6/2), (SM).		4	Sample #4 Depth = 5.0 Mean (mm): 0.09, Phi Sorting: 0.72 Silt: 43.67% (SM)
	6 7 8		SAND, fine to very fine grained, quartz, some silt, trace shell hash, 1.5" shelly layer with whole shell @ 8.3', gray (5Y-5/1), (SM).		5	Sample #5 Depth = 7.5 Mean (mm): 0.08, Phi Sorting: 0.49 Silt: 40.21% (ML)
-24.4	9					
-26.3	10 11		SAND, fine to very fine grained, quartz, little silt, trace clay laminae and burrows, gray (5Y-5/1), (SW-SM).		6	Sample #6 Depth = 10.0 *Mean (mm): 0.102, Phi Sorting: 0.60 *Sand 86.8%, Silt 9.9%, Clay 3.3% Mean (mm): 0.09, Phi Sorting: 0.53 Silt: 14.32% (SM)
	12 13 14		No Recovery			
-30	15		End of Boring			
	16 17 18 19 20 21 22 23 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3761195 Y=292464	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-11A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started Completed 8/27/02 17:38
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -14.9 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 92%
9. TOTAL DEPTH OF HOLE 18.6 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-14.9	0					
	1					
	2					
	3					
	4					
	5		JET			
	6					
	7					
	8					
	9					
-24.6	10		CLAY, 2" rock @ surface, dark gray (5Y-4/1), (CL).		11S#2	
	11		SAND, very fine grained, quartz, some silt, olive gray (5Y-4/2), (SM).		11S#5	
-27.2	12					
	13		SAND, fine to very fine grained, quartz, trace silt, little clay laminae, olive gray (5Y-4/2), (SC).		1	Sample #1 Depth = 13.0 Mean (mm): 0.08, Phi Sorting: 0.54 Silt: 29.35% (SM)
-29.5	14					
	15		fine to very fine grained, quartz, trace silt, some clay laminae, 1" organic layer @ 16.0', dark gray (5Y-4/1), (SC).		2	Sample #2 Depth = 14.9 Mean (mm): 0.09, Phi Sorting: 0.54 Silt: 49.39% (SM)
	16					
-31.7						
-32.4	17		CLAY, little silty laminae, dark gray (5Y-4/1), (CL).		11S#2	
-32.8					1	
	18		SAND, fine to very fine grained, quartz, little clay laminae, olive gray (5Y-5/2), (SC).			
-33.5			No Recovery			
	19		End of Boring			
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data analyzed by UNO
	22					
	23					
	24					

PROJECT: BARATARIA | HOLE NUMBER: QBVC-02-11A

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3"
2. LOCATION (Coordinates or Station) X=3758706 Y=289715	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-13	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 8/28/02 08:53 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -15.6 FT
9. TOTAL DEPTH OF HOLE 18.9 FT	18. TOTAL CORE RECOVERY FOR BORING 95%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15.6	0					
-16.5			SAND, very fine grained, quartz, some silt, little shell hash, dark gray (5Y-4/1), (SM).		1	Sample #1 Depth = 0.5 Mean (mm): 0.09, Phi Sorting: 1.34 Silt: 39.98% (ML)
-18.2	1, 2		CLAY, trace sandy laminae, 0.5" shell hash layer @ 2.5', dark gray (5Y-4/1), (CL).		2	Sample #2 Depth = 1.5 *Mean (mm): 0.014, Phi Sorting: 2.30 *Sand 19.7%, Silt 59.6%, Clay 20.7
-18.7	3		CLAYEY SAND, very fine grained, quartz, dark gray (5Y-4/1), (SC).		3	
-19.5			CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		2	
-20.5	4		CLAYEY SAND, very fine grained, quartz, dark gray (5Y-4/1), (SC).		3	Sample #3 Depth = 4.5 Mean (mm): 0.06, Phi Sorting: 0.31 Silt 74.17% (ML)
-22.2	5, 6		Alternating CLAY and fine grained quartz SAND laminae, trace shell hash, dark gray (5Y-4/1), (SC).		4	Sample #4 Depth = 5.3 *Mean (mm): 0.029, Phi Sorting: 2.70 *Sand 59.0%, Silt 25.9%, Clay 15.0 Mean (mm): 0.10, Phi Sorting: 0.79 Silt: 32.01% (ML)
-29.3	7, 8, 9, 10, 11, 12, 13		SAND, fine grained, quartz, trace silt, clay lamina @ 11.8', 1" clay layer @ 12.5', 3" clay layer @ 13.1', olive gray (5Y-5/2), (SP).		5	Sample #5 Depth = 9.5 Mean (mm): 0.11, Phi Sorting: 0.53 Silt: 7.55% (SW-SM)
-33.6	14, 15, 16, 17		Alternating CLAY and SILT laminae, trace organics, trace shell hash, dark gray (5Y-4/1), (ML-CL).		6	Sample #6 Depth = 14.3 *Mean (mm): 0.017, Phi Sorting: 2.30 *Sand 22.3%, Silt 60.1%, Clay 17.6%
-34.5	18		No Recovery			
	19		End of Boring			
	20, 21, 22, 23, 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data analyzed by UNO

DRILLING LOG

DIVISION:	INSTALLATION: SHEET 1 of 1
1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3761675 Y=293320	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-17	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
	15. ELEVATION GROUND WATER
6. DIRECTION OF HOLE VERTICAL	16. DATE HOLE Started Completed 8/28/02 13:40
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -14.4 FT
	18. TOTAL CORE RECOVERY FOR BORING 97%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 18.8 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-14.4	0					
-16.1	1		Alternating CLAY and very fine grained quartz SAND layers, 2" shell layer @ 0.4', 0.5" shell layer @ 1.1' and 1.4', dark gray (5Y-4/1), (SC).		1	Sample #1 Depth = 0.9 *Mean (mm): 0.032, Phi Sorting: 2.7 *Sand 49.5%, Silt 37.2%, Clay 13.3% Mean (mm): 0.06, Phi Sorting: 0.26 Silt: 87.11% (ML)
-18.9	2, 3, 4		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		2	Sample #2 Depth = 3.0 *Mean (mm): 0.01, Phi Sorting: 2.5 *Sand 14.9%, Silt 54.6%, Clay 30.5%
-22.4	5, 6, 7		SANDY SILT, trace shell hash, dark gray (5Y-4/1), (ML).		3	Sample #3 Depth = 5.8 Mean (mm): 0.08, Phi Sorting: 0.72 Silt 51.02% (ML)
-23.3	8, 9		Alternating CLAY and fine grained quartz SAND layers, trace silt, dark gray (5Y-4/1), (SC).		4	Sample #4 Depth = 8.4 *Mean (mm): 0.016, Phi Sorting: 3.0 *Sand 29.3%, Silt 42.5%, Clay 28.2%
-26.2	10, 11		SANDY SILT, trace shell hash, dark gray (5Y-4/1), (ML).		3	
-27.7	12, 13		SAND, fine to very fine grained, quartz, some silt, trace clay laminae, 0.5" organic/micaceous layer @13.1', gray (5Y-5/1), (SM).		5	Sample #5 Depth = 12.5 Mean (mm): 0.09, Phi Sorting: 0.58 Silt: 21.05% (SM)
-29.1	14		SAND, very fine grained, some dark gray (5Y-4/1) clay laminae, trace shell hash, gray (5Y-5/1), (SC).		6	Sample #6 Depth = 13.8 Mean (mm): 0.08, Phi Sorting: 0.55 Silt: 26.19% (SM)
-30.1	15		SAND, very fine grained, some silt, trace organics, trace mica, dark gray (5Y-4/1), (SM).		7	Sample #7 Depth = 15.3 Mean (mm): 0.09, Phi Sorting: 0.83 Silt: 41.12% (SM)
-32.7	16, 17, 18		Alternating CLAY and fine grained quartz SAND layers, trace silt, dark gray (5Y-4/1), (SC).		4	
-33.2			No Recovery			
	19		End of Boring			
	20, 21, 22, 23, 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3759626 Y=291481	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-18	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started Completed 8/28/02 14:19
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -14.7 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 98%
9. TOTAL DEPTH OF HOLE 15.2 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-14.7	0					
-15.8	1		SAND, very fine grained, quartz, trace silt, trace shell hash, little clay laminae, 1/2" whole gastropod @ 0.8', dark gray (5Y-4/1), (SC).		1	Sample #1 Depth = 0.8 Mean (mm): 0.07, Phi Sorting: 0.45 Silt: 44.87% (ML)
-16.3					2	Sample #2 Depth = 1.4 *Mean (mm): 0.019, Phi Sorting: 2.9 *Sand 28.0%, Silt 48.2%, Clay 23.8%
	2		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		3	
	3		SANDY SILT, trace shell hash, dark gray (5Y-4/1), (ML).			Sample #3 Depth = 1.7 Mean (mm): 0.06 , Phi Sorting: 0.24 Silt: 78.33% (ML)
	4		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		4	Sample #4 Depth = 4.0 *Mean (mm): 0.013, Phi Sorting: 2.3 *Sand 15.8%, Silt 62.8%, Clay 21.5%
	5					
-20.5	6					
	7		SANDY SILT, olive gray (5Y-5/2), (ML).		5	Sample #5 Depth = 7.0 Mean (mm): 0.06 , Phi Sorting: 0.35 Silt: 73.81% (ML)
-23.1	8					
-24.2	9		SAND, fine grained, quartz, little silt, trace clay laminae, 1" clay layer @ 8.5', 1" organic layer @ 9.2', olive gray (5Y-5/2), (SM).		6	
-25.5	10		CLAY, trace sandy laminae, 1" fine grained sand layer with little organics @ 10.2', 1.5" pocket of fine grained sand @ 10.5', dark gray (5Y-4/1), (CL).		4	
	11					
	12		SAND, fine grained, quartz, little silt, 1/2" clay lamina @ 13.9', olive gray (5Y-5/2), (SM).		6	Sample #6 Depth = 12.5 Mean (mm): 0.09 , Phi Sorting: 0.54 Silt: 17.29% (SM)
	13					
	14					
-29.6						
-29.9	15		No Recovery			
			End of Boring			
	16					
	17					
	18					
	19					
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO
	22					
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3759626 Y=291476	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-18A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
	15. ELEVATION GROUND WATER
6. DIRECTION OF HOLE VERTICAL	16. DATE HOLE Started Completed 8/28/02 15:07
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -14.7 FT
	18. TOTAL CORE RECOVERY FOR BORING 100%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 18.6 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-14.7	0					
	1					
	2					
	3					
	4					
	5					
	6					
	7		JET			
	8					
	9					
	10					
	11					
	12					
	13					
-29	14					
	15		SAND, fine grained, quartz, little silt, clay lamina @ 17.2', olive gray (5Y-5/2), (SM).		18S#6	
	16					
-31.6	17					
	18		SAND, fine grained, quartz, some clay laminae, gray (5Y-5/1), (SC).		1	Sample #1 Depth = 18.3 Mean (mm): 0.12 , Phi Sorting: 0.66 Silt: 13.37 % (SM)
-33.3	19		End of Boring			
	20					
	21		Expansion from 18.6'.			* Data Analyzed by UNO
	22		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	23					
	24					

HOLE NO. QBVC-02-20

DRILLING LOG

DIVISION:	INSTALLATION: SHEET 1 of 1
1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3760580 Y=291513	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-20	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 8/29/02 14:33 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -15.9 FT
	18. TOTAL CORE RECOVERY FOR BORING 99%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 17.7 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15.9	0					
-16.4			CLAY, olive gray (5Y-4/2), (CL).		2	
	1		SANDY SILT, trace shell hash, dark gray (5Y-4/1), (ML).			
	2, 3		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 2.0 *Mean (mm): 0.005, Phi Sorting: 1.8 *Sand 3.7%, Silt 53.3%, Clay 43.0%
-20.1	4					
	5, 6		SANDY SILT, trace shell hash, dark gray (5Y-4/1), (ML).		2	Sample #2 Depth = 6.0 Mean (mm): 0.06, Phi Sorting: 0.12 Silt: 93.52% (ML)
-22.5						
	7, 8, 9				3	Sample #3 Depth = 9.0 Mean (mm): 0.10, Phi Sorting: 0.5 Silt 7.65% (SM)
	10, 11		SAND, fine to very fine grained, quartz, little silt, trace clay laminae, 1" clay layer @ 7.9' and 8.2', 2" clay layer @ 14.0', olive gray (5Y-5/2), (SW-SM).			
	12, 13, 14				4	Sample #4 Depth = 12.0 Mean (mm): 0.09, Phi Sorting: 0.54 Silt: 15.94% (SM)
-30.9	15					
	16, 17		Alternating CLAY and fine grained quartz SAND layers, trace silt, 1" organic layer @ 16.5', dark gray (5Y-4/1) and olive gray (5Y-5/2), (SC).		5	Sample #5 Depth = 15.9 Mean (mm): 0.11, Phi Sorting: 0.72 Silt: 22.04% (SM)
-33.4 -33.6						
	18		No Recovery End of Boring			
	19, 20, 21, 22, 23, 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

PROJECT: BARATARIA	HOLE NUMBER: QBVC-02-20

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3762661 Y=293301	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-22	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 8/29/02 16:55 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -15.6 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 90%
9. TOTAL DEPTH OF HOLE 19.4 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15.6	0					
-16.1			SANDY CLAY, 1" shell hash layer @ 0.3', very dark gray (5Y-3/1), (SC).		1	Sample #1 Depth = 1.0 *Mean (mm): 0.017, Phi Sorting: 2.1 *Sand 19.5%, Silt 65.0%, Clay 15.6%
-17	1		CLAY, dark gray (5Y-4/1), (CL).			Sample #2 Depth = 1.6
-17.5			SAND, very fine grained, quartz, some silt, trace shell hash, dark gray (5Y-4/1), (SM).		2	Mean (mm): 0.07, Phi Sorting: 0.39 Silt: 36.16% (ML)
	2 3 4		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		1	
-20.9	5					
	6		SANDY SILT, quartz, dark gray (5Y-4/1), (ML).		3	Sample #3 Depth = 6.5 Mean (mm): 0.08, Phi Sorting: 0.64 Silt: 61.05% (ML)
-22.8	7					
	8		SAND, fine to very fine grained, quartz, little silt, gray (5Y-5/1), (SW-SM).		4	Sample #4 Depth = 8.0 Mean (mm): 0.09, Phi Sorting: 0.7 Silt: 27.05% (SM)
-24.8	9					
-25.9	10		Alternating fine to very fine grained quartz SAND and CLAY layers, trace shell hash, olive gray (5Y-4/2), (SC).		5	Sample #5 Depth = 10.0 *Mean (mm): 0.118, Phi Sorting: 0.6 *Sand 86.5%, Silt 8.1%, Clay 5.4%
-26.6	11		CLAY, little sand laminae, trace shell hash, olive gray (5Y-4/2), (CL).		1	Mean (mm): 0.09, Phi Sorting: 0.60 Silt: 44.57% (SM)
	12 13		SAND, fine to very fine grained, quartz, little silt, trace clay laminae/burrows, trace shell hash, trace organics, olive gray (5Y-5/2), (SM).		6	Sample #6 Depth = 12.2 Mean (mm): 0.08, Phi Sorting: 0.48 Silt: 18.79% (SM)
-29.6	14					
	15 16		SAND, fine to very fine grained, quartz, some silt, trace clay laminae/burrows, trace shell hash, trace organics, olive gray (5Y-5/2), (SM).		7	Sample #7 Depth = 16.0 Mean (mm): 0.12, Phi Sorting: 2.15 Silt: 36.97% (ML)
-33.1	17					
	18		No Recovery			
-35	19					
	20		End of Boring			
	21 22 23		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3761686 Y=294349	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-23	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 9/01/02 08:50 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -13.5 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 96%
9. TOTAL DEPTH OF HOLE 19.2 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-13.5	0					
-17.1	1, 2, 3		CLAY, little sand laminae, trace shell hash, 1" shell hash layer @ 0.3', dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 1.3 *Mean (mm): 0.026, Phi Sorting: 2.3 *Sand 38.9%, Silt 47.9%, 13.1%
-19.3	4, 5		SANDY SILT, trace shell hash, 1" sandy shell hash layer @ 4.5', dark gray (5Y-4/1), (ML).		2	Sample #2 Depth = 5.0 Mean (mm): 0.07, Phi Sorting: 0.32 Silt: 48.27% (ML)
-22.8	6, 7, 8, 9		SILTY SAND, quartz, dark gray (5Y-4/1) layer from 8.9'-9.3', olive gray (5Y-4/1), (ML).		3	Sample #3 Depth = 8.0 Mean (mm): 0.08, Phi Sorting: 0.55 Silt 37.37% (ML)
-24.5	10		SAND, fine to very fine grained, quartz, little silt, olive gray (5Y-5/2), (SW-SM).		4	Sample #4 Depth = 10.0 Mean (mm): 0.11, Phi Sorting: 0.43 Silt: 3.29% (SW-SM)
-25.6	11		SILTY SAND, quartz, trace clay laminae, olive gray (5Y-4/2), (ML).		3	
-32	12, 13, 14, 15, 16, 17, 18		Alternating very fine grained quartz SAND and CLAY layers, trace shell hash, dark gray (5Y-4/1), (SC).		5	Sample #5 Depth = 16.1 *Mean (mm): 0.056, Phi Sorting: 1.4 *Sand 68.2%, Silt 24.0%, Clay 7.8% Mean: 0.08, Phi Sorting: 0.57 Silt: 41.42% (ML)
-32.7	19		No Recovery			
	20, 21, 22, 23, 24		End of Boring Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3762141 Y=292403	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-24	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 9/01/02 10:09 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -16.3 FT
	18. TOTAL CORE RECOVERY FOR BORING 99%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 19.0 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-16.3	0		CLAY, SILT, and fine grained quartz SAND mixture, trace shell hash, dark olive gray (5Y-3/2), (SM-SC).			
-20.9	1–4		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 2.0 *Mean (mm): 0.005, Phi Sorting: 2.0 *Sand 7.5%, Silt 49.6%, Clay 42.9%
	5		SILTY SAND, very fine grained, quartz, dark gray (5Y-4/1), (SM).		2 1	
-22.9	6		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		2	Sample #2 Depth = 6.0 Mean (mm): 0.08, Phi Sorting: 0.55 Silt: 36.79% (ML)
-24.1	7		SILTY SAND, very fine grained, quartz, dark gray (5Y-4/1), (SM). SILTY SAND, quartz, trace shell hash, olive gray (5Y-5/2), (SM).		3	Sample #3 Depth = 7.3 Mean (mm): 0.09, Phi Sorting: 0.70 Silt 43.1% (SM)
-25.2	8		Alternating CLAY and fine to very fine grained quartz SAND layers, shelly clay from 7.8'-8.0', dark gray (5Y-4/1), (SC).		5	
-30.2	9–13		SAND, fine to very fine grained, quartz, little silt, trace clay laminae, 2" sandy clay pocket @ 9.5', dark gray (5Y-4/1), (SM).		4	Sample #4 Depth = 10.5 Mean (mm): 0.08, Phi Sorting: 0.46 Silt: 21.28% (SM)
-35.1	14–18		Alternating fine to very fine grained quartz SAND and CLAY layers, dark gray (5Y-4/1), (SC).		5	Sample #5 Depth = 14.9 *Mean (mm): 0.079, Phi Sorting: 1.1 *Sand 74.4%, Silt 19.6%, Clay 6.0% Mean (mm): 0.09, Phi Sorting: 0.69 Silt: 31.97% (SM)
	19		No Recovery End of Boring			
	20–24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

PROJECT: BARATARIA | HOLE NUMBER: QBVC-02-24

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763181 Y=293736	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-25	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 9/01/02 10:50 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -15.3 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 94%
9. TOTAL DEPTH OF HOLE 19.0 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15.3	0					
-17.1	1		Alternating CLAY and SILT layers, dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 1.4 *Mean (mm): 0.005, Phi Sorting: 1.8 *Sand 6.1%, Silt 49.3%, Clay 44.5%
-18.3	2		SANDY SILT, quartz, dark gray (5Y-4/1), (SM).		2	Sample #2 Depth = 2.5 Mean (mm): 0.06, Phi Sorting: 0.26 Silt: 62.65% (ML)
-20.1	3		CLAY, trace silty laminae, dark gray (5Y-4/1), (CL).		3	Sample #3 Depth = 3.9 *Mean (mm): 0.009, Phi Sorting: 2.1 *Sand 7.3%, Silt 65.6%, Clay 27.2%
-20.9	4		dark gray (5Y-4/1), (CL).			Sample #4 Depth = 5.8 *Mean (mm): 0.066, Phi Sorting: 0.9 *Sand 64.5% Silt 28.6% Clay 7.0%
	5		SILT, dark gray (5Y-4/1), (ML).		4	
-22	6		CLAY, dark gray (5Y-4/1), (CL).		3	Mean(mm): 0.07, Phi Sorting: 0.46 Silt: 55.67% (ML)
-24.3	7 8 9		SILT, some clay, dark gray (5Y-4/1), (ML).		5	Sample #5 Depth = 8.0 Mean (mm): 0.08, Phi Sorting: 0.59 Silt: 63.79% (ML)
-26.7	10 11		SAND, fine grained, quartz, little silt, trace shell hash, olive gray (5Y-5/2), (SW-SM).		6	Sample #6 Depth = 10.0 Mean (mm): 0.01, Phi Sorting: 0.61 Silt: 17.92% (SM)
	12		CLAY, little sand laminae, dark gray (5Y-4/1), (CL).		3	
-33	13 14 15 16 17		SAND, fine grained, quartz, little silt, trace clayey laminae, olive gray (5Y-4/2), (SW-SM).		7	Sample #7 Depth = 14.1 Mean (mm): 0.08, Phi Sorting: 0.46 Silt: 23.19% (SM)
-34.3	18		CLAY, dark gray (5Y-4/1), (CL).		3	
	19		No Recovery			
	20		End of Boring			
	21 22 23 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763191 Y=295168	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-26	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/01/02 12:07 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -13.2 FT
9. TOTAL DEPTH OF HOLE 19.0 FT	18. TOTAL CORE RECOVERY FOR BORING 92%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-13.2	0					
-15.6	1, 2		SAND, very fine grained, quartz, little silt, trace shell hash, 1" clay layer @ 0.3', olive gray (5Y-4/2), (SW-SM).		1	Sample #1 Depth = 1.5 Mean (mm): 0.09, Phi Sorting: 0.55 Silt: 18.15% (SM)
-17	3		Alternating very fine grained quartz SILTY SAND and CLAY layers, dark gray (5Y-4/1), (SM-SC).		2	Sample #2 Depth = 3.0 Mean (mm): 0.07, Phi Sorting: 0.59 Silt: 63.07% (ML)
-18.1	4		SILTY SAND, very fine grained, dark gray (5Y-4/1), (SM).		3	
-19.9	5, 6		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		4	Sample #4 Depth = 6.0 Mean (mm): 0.06, Phi Sorting: 0.1 Silt: 94.73% (ML)
-22	7, 8		SILTY SAND, very fine grained, dark gray (5Y-4/1), (SM).		3	Sample #3 Depth = 4.5 *Mean (mm): 0.073, Phi Sorting: 0.6 *Sand 71.2%, Silt 24.1%, Clay 4.6% Mean (mm): 0.07, Phi Sorting: 0.34 Silt: 45.01% (ML)
-24	9, 10		SAND, very fine grained, quartz, little silt, olive gray (5Y-4/2), (SM).		5	Sample #5 Depth = 10.0 Mean (mm): 0.09, Phi Sorting: 0.59 Silt: 20.17% (SM)
-29.4	11, 12, 13, 14, 15, 16		trace clay laminae, trace organics, two 1" rocks @ 16.0', olive gray (5Y-4/2), (SM).		6	Sample #6 Depth = 14.5 Mean (mm): 0.1, Phi Sorting: 0.61 Silt: 18.26% (SM)
-30.7	17		dark gray (5Y-4/1), (SM).		5	
-32.2	18		No Recovery			
	19		End of Boring			
	20, 21, 22, 23, 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3764229 Y=295015	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-27	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/01/02 13:11 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -13.7 FT
9. TOTAL DEPTH OF HOLE 12.3 FT	18. TOTAL CORE RECOVERY FOR BORING 97%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-13.7	0					
-15.7	1, 2		SAND, very fine grained, quartz, little silt, some shell hash, 1.5" whole shell @ 1.9', 1" whole shell @ 2.0', olive gray (5Y-4/2), (SW-SM).		1	Sample #1 Depth = 1.7 Mean (mm): 0.15, Phi Sorting: 2.01 Silt: 14.75% (SM)
-18.5	3, 4		SILTY SAND, olive gray (5Y-4/2), (SM).		2	Sample #2 Depth = 3.5 Mean (mm): 0.07, Phi Sorting: 0.38 Silt: 45.04% (ML)
-23.3	5, 6, 7, 8, 9		CLAY, little sandy laminae, grayish brown (10YR-5/2), (CL).		3	Sample #3 Depth = 6.5 *Mean (mm): 0.008, Phi Sorting: 2.20 *Sand 8.1%, Silt 59.5%, Clay 32.5%
-25.6	10, 11		SILTY SAND, quartz, 3" silt pocket from 10.8'-11.1', grayish brown (10YR-5/2), (SM).		4	Sample #4 Depth = 10.5 Mean (mm): 0.07, Phi Sorting: 0.49 Silt: 68.86% (ML)
-26	12		No Recovery			
	13		End of Boring			
	14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3764231 Y=295018	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-27A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 09/01/02 14:04 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -13.7 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 97%
9. TOTAL DEPTH OF HOLE 18.4 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-13.7	0					
	1					
	2					
	3					
	4					
	5					
	6		JET			
	7					
	8					
	9					
	10					
	11					
-26.1	12					
-26.9	13		SILTY SAND, quartz, 1"x1" clay pocket @ 13.0', olive gray (5Y-5/2), (SM).		27S#4	
	14					
	15		SAND, fine to very fine grained, quartz, little silt, trace clay laminae/pockets, trace organics, 1.5" clay pocket @ 17.4', 2" articulated oyster shell @ 13.7', olive gray (5Y-4/2), (SM).		1	Sample #1 Depth = 16.2 Mean (mm): 0.09, Phi Sorting: 0.53 Silt: 18.18% (SM)
	16					
	17					
-31.9	18					
			No Recovery			
	19		End of Boring			
	20					
	21					* Data Analyzed by UNO
	22		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3765194 Y=293239	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-28	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/01/02 15:30 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -16.9 FT
9. TOTAL DEPTH OF HOLE 13.5 FT	18. TOTAL CORE RECOVERY FOR BORING 100%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-16.9	0					
-17.5			CLAY, some sandy laminae, trace shell hash, dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 0.4 *Mean (mm): 0.017, Phi Sorting: 2.2 *Sand 22.0%, Silt 61.1%, Clay 16.8%
	1					
	2					
	3					
	4		trace sandy laminae, gray (5Y-5/1), (CL).		2	Sample #2 Depth = 4.5 *Mean (mm): 0.007, Phi Sorting: 2.1 *Sand 6.8%, Silt 56.5%, Clay 36.7%
	5					
	6					
	7					
-25.4	8					
	9		SAND, fine to very fine grained, quartz, trace silt, olive gray (5Y-4/2), (SW-SM).		3	Sample #3 Depth = 9.0 Mean (mm): 0.11, Phi Sorting: 0.53 Silt: 8.47% (SW-SM)
-26.6						
-27.1	10		CLAY, 1" shelly sand burrow @ 9.9', dark gray (5Y-4/1), (CL).		1	
	11		SAND, fine to very fine grained, quartz, trace silt, olive gray (5Y-4/2), (SW-SM).		3	
-28.7						
	12		SAND, fine to very fine grained, quartz, little silt, 2" clayey layer with little shell hash @ 12.0', very dark gray (5Y-3/1), (SM).		4	Sample #4 Depth = 12.5 Mean (mm): 0.08, Phi Sorting: 0.47 Silt: 21.33% (SM)
-30.4	13					
	14		End of Boring			
	15					
	16					
	17					
	18					
	19					
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO
	22					
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3765195 Y=293236	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-28A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started Completed 9/01/02 16:40
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -16.9 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 98%
9. TOTAL DEPTH OF HOLE 18.4 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-16.9	0					
	1					
	2					
	3					
	4					
	5					
	6		JET			
	7					
	8					
	9					
	10					
	11					
-29	12					
	13		SAND, fine grained, quartz, little silt, 0.5" clayey pocket @ 12.6', 1" clay layer @ 14.3', very dark gray (5Y-3/1), (SM).		28S#4	
-31.5	14					
-32.5	15		A mixture of fine to very fine grained quartz SAND and CLAY, very dark gray (5Y-3/1), (SC).		1	Sample #1 Depth = 15.0 *Mean (mm): 0.024, Phi Sorting: 2.6 *Sand 52.0%, Silt 32.3%, Clay 15.7% Mean (mm): 0.09, Phi Sorting: 0.60 Silt: 35.98% (SM)
	16		SAND, fine grained, quartz, little silt, 1" clay layer @ 16.2', 0.5" clayey layer @ 17.0' and 17.2', very dark gray (5Y-3/1), (SM).		2	Sample #2 Depth = 16.0 Mean (mm): 0.09, Phi Sorting: 0.63 Silt: 23.88% (SM)
-34.1	17					
-35.3	18		CLAY, trace fine grained sand, very dark gray (5Y-3/1), (CL).		28S#1	
			No Recovery			
	19		End of Boring			
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO
	22					
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3762682 Y=294313	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-29	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started Completed 9/03/02 08:11
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -14.2 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 94%
9. TOTAL DEPTH OF HOLE 18.6 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-14.2						
-14.7	0		CLAYEY SILT, little shell hash, very dark gray (5Y-3/1), (ML).		1	Sample #1 Depth = 0.2 Mean (mm): 0.11, Phi Sorting: 1.57 Silt: 40.78% (ML)
	1		CLAY, soft, very dark gray (5Y-3/1), (CL).		2	
-16.5	2		SAND, very fine grained, quartz, some silt, trace shell hash, olive gray (5Y-4/2), (SM).		3	Sample #3 Depth = 1.5 Mean (mm): 0.08, Phi Sorting: 0.5 Silt: 23.65% (SM)
-17.1	3		SILTY SAND, clay lamina @ 2.4', dark gray (5Y-4/1), (ML).		4	Sample #4 Depth = 2.6 Mean (mm): 0.07, Phi Sorting: 0.27 Silt: 30.31% (ML)
-20.9	4, 5, 6		CLAY, trace silty laminae, dark gray (5Y-4/1), (CL).		2	Sample #2 Depth = 4.1 *Mean (mm): 0.006, Phi Sorting: 1.9 *Sand 5.5%, Silt 58.0%, Clay 36.4%
-23.8	7, 8, 9		SAND, very fine grained, quartz, some silt, olive gray (5Y-4/2), (SM).		3	
-25.9	10, 11		fine to very fine grained, quartz, trace silt, trace clay laminae, dark gray (5Y-4/1), (SW-SM).		5	Sample #5 Depth = 10.7 Mean (mm): 0.10, Phi Sorting: 0.51 Silt: 9.27% (SM)
-28.3	12, 13, 14		Alternating CLAY and fine grained SAND laminae, dark gray (5Y-4/1), (SC).		6	Sample #6 Depth = 13.2 *Mean (mm): 0.014, Phi Sorting: 2.9 *Sand 20.5%, Silt 49.0%, Clay 30.4%
-31.7	15, 16, 17		SAND, very fine grained, quartz, some silt, trace organics, gray (5Y-5/1), (SM).		3	
-32.8	18		No Recovery			
	19		End of Boring			
	20, 21, 22, 23, 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763725 Y=294297	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-30	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/03/02 09:58 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -15.0 FT
9. TOTAL DEPTH OF HOLE 14.9 FT	18. TOTAL CORE RECOVERY FOR BORING 94%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15	0					
-16.7	1		SILTY SAND, trace shell hash, 2" clay layer @ 0'-0.2', dark gray (5Y-4/1), (ML).		1	Sample #1 Depth = 0.8 *Mean (mm): 0.075, Phi Sorting: 0.7 *Sand 72.2% Silt 24.3%, Clay 3.5% Mean: 0.07, Phi Sorting: 0.45 Silt: 41.95% (ML)
-17.5	2		SILTY SAND, some shell hash/shell fragments, olive gray (5Y-4/2), (ML).		2	Sample #2 Depth = 2.4 Mean (mm): 0.09, Phi Sorting: 0.48 Silt: 16.59% (SM)
-18	3		SILTY SAND, olive gray (5Y-4/2), (ML).		3	Sample #3 Depth = 2.7 Mean (mm): 0.07, Phi Sorting: 0.3 Silt: 46.78% (ML)
-22.5	4, 5, 6, 7		CLAY, trace silty sand laminae, dark gray (5Y-4/1), (CL).		4	Sample #4 Depth = 5.2 *Mean (mm): 0.008, Phi Sorting: 2.3 *Sand 7.5% Silt 58.6%, Clay 33.9%
-23.7	8		CLAY and SILT, mottled, dark gray (5Y-4/1), (CL).		5	Sample #5 Depth = 7.9 *Mean (mm): 0.018, Phi Sorting: 2.3 *Sand 28.5%, Silt 54.6%, Clay 16.9%
-25.6	9, 10		SANDY SILT, olive gray (5Y-5/2), (ML).		6	Sample #6 Depth = 9.7 Mean (mm): 0.08, Phi Sorting: 0.71 Silt: 54.82% (ML)
-28.9	11, 12, 13		SAND, very fine grained, quartz, trace silt, trace organics, gray (5Y-5/1), (SW-SM).		7	Sample #7 Depth = 11.5 Mean (mm): 0.09, Phi Sorting: 0.45 Silt: 8.05% (SM)
-29.9	14		No Recovery			
	15		End of Boring			
	16, 17, 18, 19, 20, 21, 22, 23, 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3"
2. LOCATION (Coordinates or Station) X=3763768 Y=294316	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-30A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/06/02 07:47 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -15.0 FT
9. TOTAL DEPTH OF HOLE 18.4 FT	18. TOTAL CORE RECOVERY FOR BORING 93 %
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15	0					
	1					
	2					
	3					
	4					
	5					
	6		JET			
	7					
	8					
	9					
	10					
	11					
-27.3	12					
-28.5	13		SAND, fine to very fine grained, quartz, little silt, gray (5Y-5/1), (SM).		30S#7	
	14					
	15		SILTY SAND, dark gray (5Y-4/1), (SM).		1	Sample #1 Depth = 15.0 Mean (mm): 0.08, Phi Sorting: 0.50 Silt: 32.38% (SM)
-31.7	16					
-33	17		SAND, fine grained, quartz, little silt, little clay laminae, gray (5Y-5/1), (SM).		2	Sample #2 Depth = 17.2 Mean (mm): 0.08, Phi Sorting: 0.59 Silt: 38.46% (ML)
-33.4	18		No Recovery			
	19		End of Boring			
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO
	22					
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3764682 Y=294190	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-31	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/06/02 08:34 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -15.3 FT
9. TOTAL DEPTH OF HOLE 19.0 FT	18. TOTAL CORE RECOVERY FOR BORING 99%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15.3	0					
-16.8	1		CLAY, soft, dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 1.0 *Mean (mm): 0.006, Phi Sorting: 1.9 *Sand 7.7% Silt 52.2%, Clay 40.0%
-18.1	2		SILTY SAND, very fine grained, quartz, dark gray (5Y-4/1), (ML).		2	Sample #2 Depth = 2.0 Mean (mm): 0.07, Phi Sorting: 0.27 Silt: 47.65% (ML)
-23.3	3, 4, 5, 6, 7		CLAY, trace silty laminae, dark gray (5Y-4/1), (CL).		3	Sample #3 Depth = 5.0 *Mean (mm): 0.007, Phi Sorting: 2.0 *Sand 4.8%, Silt 61.8%, Clay 33.4%
-24.2	8		SILTY SAND, very fine grained, quartz, dark gray (5Y-4/1), (ML).		2	
-24.8	9		CLAY, soft, dark gray (5Y-4/1), (CL).		1	
-26.4	10		SILTY SAND, very fine grained, quartz, dark gray (5Y-4/1), (ML).		2	
-26.9	11		CLAYEY SILT, little organics, 2" clay layer @ 11.2', very dark gray (5Y-3/1), (ML).		4	Sample #4 Depth = 11.2 *Mean (mm): 0.009, Phi Sorting: 2.4 *Sand 13.7%, Silt 50.7%, Clay 35.7%
-32	12, 13, 14, 15, 16		SILTY SAND, very fine grained, quartz, trace organics, trace clay laminae, dark gray (5Y-4/1), (ML).		5	Sample #5 Depth = 15.0 Mean (mm): 0.08, Phi Sorting: 0.55 Silt: 25.81% (SM)
-34.3	17, 18		SAND, fine grained, quartz, some silt, some clay laminae, dark gray (5Y-4/1), (SC).		6	Sample #6 Depth = 17.7 Mean (mm): 0.11, Phi Sorting: 0.58 Silt: 11.04% (SM)
	19		No Recovery End of Boring			
	20, 21, 22, 23, 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763663 Y=293233	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-32	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/06/02 09:31 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -16.2 FT
9. TOTAL DEPTH OF HOLE 15.0 FT	18. TOTAL CORE RECOVERY FOR BORING 95%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-16.2	0					
-22.2	1, 2, 3, 4, 5, 6		CLAY, trace silty sand laminae, dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 3.0 Mean (mm): 0.06, Phi Sorting: 0.09 Silt: 95.09% (ML)
-23.8	7		SILTY CLAY, with some very fine grained sand, dark gray (5Y-4/1), (CL).		2	Sample #2 Depth = 6.5 Mean (mm): 0.08, Phi Sorting: 0.59 Silt: 55.88% (ML)
-25.5	8, 9		CLAY, trace silty sand laminae, dark gray (5Y-4/1), (CL).		1	
-30.5	10, 11, 12, 13, 14		SAND, very fine grained, quartz, little silt, 2" sandy shell hash layer @ 10.1', dark gray (5Y-4/1), (SM).		3	Sample #3 Depth = 11.0 Mean (mm): 0.08, Phi Sorting: 0.48 Silt: 18.93% (SM)
					4	Sample #4 Depth = 13.0 Mean (mm): 0.09, Phi Sorting: 0.53 Silt: 12.32% (SM)
-31.2	15		No Recovery			
	16, 17, 18, 19, 20, 21, 22, 23, 24		End of Boring Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763663 Y=293235	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-32A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/06/02 10:32 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -16.2 FT
9. TOTAL DEPTH OF HOLE 18.4 FT	18. TOTAL CORE RECOVERY FOR BORING 97%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-16.2	0					
	1					
	2					
	3					
	4					
	5					
	6		JET			
	7					
	8					
	9					
	10					
	11					
	12					
-29	13					
	14		SAND, very fine grained, quartz, little silt, dark gray (5Y-4/1), (SM).		32S#4	
-31.5	15					
	16		fine grained, quartz, trace silt, trace clay laminae, gray (5Y-5/1), (SW-SM).		1	Sample #1 Depth = 16.0 Mean (mm): 0.11, Phi Sorting: 0.58 Silt: 11.63% (SM)
-33.1	17		SAND, fine grained, quartz, some silt, some clay layers/laminae, dark gray (5Y-4/1), (SC).		2	Sample #2 Depth = 17.5 *Mean (mm): 0.019, Phi Sorting: 2.9 *Sand 40.6%, Silt 38.1%, Clay 21.3%
-34.4	18					
			No Recovery			
	19		End of Boring			
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO
	22					
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763163 Y=292428	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-33	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 9/06/02 11:16 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -16.9 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 100%
9. TOTAL DEPTH OF HOLE 15.1 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-16.9						
-17.4	0		SHELL HASH, some silt/clay, dark gray (5Y-4/1), (GM).		1	Sample #1 Depth = 0.3 Mean (mm): 0.27, Phi Sorting: 2.74 Silt: 38.87% (SM)
	1 2 3 4 5		CLAY, trace silty sand laminae, dark gray (5Y-4/1), (CL).		2	Sample #2 Depth = 2.5 Mean (mm): 0.06, Phi Sorting: 0.09 Silt: 99.07% (ML)
-22.9	6					
	7 8 9				3	Sample #3 Depth = 8.0 Mean (mm): 0.10, Phi Sorting: 0.57 Silt: 14.21% (SM)
	10 11 12 13 14		SAND, very fine grained, quartz, little silt, trace shell hash, little organics from 14.1'-14.4', gray (5Y-5/1), (SM).		4	Sample #4 Depth = 12.5 Mean (mm): 0.10, Phi Sorting: 0.52 Silt: 8.66% (SM)
-32	15		End of Boring			
	16 17 18 19 20 21 22 23 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3763192 Y=292455	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-33A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/06/02 12:03 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -16.9 FT
9. TOTAL DEPTH OF HOLE 17.9 FT	18. TOTAL CORE RECOVERY FOR BORING 78%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-16.9	0					
	1					
	2					
	3					
	4					
	5					
	6					
	7		JET			
	8					
	9					
	10					
	11					
	12					
	13					
-30.7	14		SAND, very fine grained, quartz, some silt, dark gray (5Y-4/1), (SM).		1	Sample #1 Depth = 15.0 Mean (mm): 0.10, Phi Sorting: 0.74 Silt: 24.96% (SM)
-32.4	15					
	16		very fine grained, quartz, little silt, little clay laminae, dark gray (5Y-4/1), (SM).		2	Sample #2 Depth = 15.9 Mean (mm): 0.10, Phi Sorting: 0.74 Silt: 26.98% (SM)
-33.9	17					
-34.8			No Recovery			
	18		End of Boring			
	19					
	20					
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO
	22					
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3760148 Y=290657	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-34	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started Completed 9/06/02 13:16
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -16.6 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 99%
9. TOTAL DEPTH OF HOLE 15.2 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-16.6	0					
-19.3	1, 2		CLAY, some silt layers, 1" shell layer @ 2.6', dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 1.0 *Mean (mm): 0.008, Phi Sorting: 2.0 *Sand 7.0%, Silt 64.1%, Clay 28.9%
-21.5	3, 4		trace silty laminae, dark gray (5Y-4/1), (CL).		2	Sample #2 Depth = 3.5 *Mean (mm): 0.007, Phi Sorting: 2.2 *Sand 8.4%, Silt 54.5%, Clay 37.1%
-23.2	5, 6		SANDY SILT, fine grained, quartz, some clay, dark gray (5Y-4/1), (ML).		3	Sample #3 Depth = 5.2 *Mean (mm): 0.024, Phi Sorting: 2.1 *Sand 38.1%, Silt 49.1%, Clay 12.7%
-23.6	7		CLAY, dark gray (5Y-4/1), (CL).		2	
-29.3	8, 9, 10, 11, 12		SAND, fine to very fine grained, quartz, little silt, 1" clay layer @ 8.3', 8.4', and 8.8', dark gray (5Y-4/1), (SW-SM).		4	Sample #4 Depth = 9.5 Mean (mm): 0.10, Phi Sorting: 0.54 Silt: 8.93% (SM)
-31.6	13, 14		SAND, fine grained, quartz, trace silt, 1" clay layer @ 14.7', gray (5Y-5/1), (SP).		5	Sample #5 Depth = 13.0 Mean (mm): 0.14, Phi Sorting: 0.43 Silt: 2.85% (SP)
	15		No Recovery End of Boring			
	16, 17, 18, 19, 20, 21, 22, 23, 24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3760150 Y=290653	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-34A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 9/06/02 14:41 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -16.6 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 93%
9. TOTAL DEPTH OF HOLE 18.4 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-16.6	0					
	1					
	2					
	3					
	4					
	5					
	6					
	7		JET			
	8					
	9					
	10					
	11					
	12					
	13					
-30.6	14					
	15		SAND, fine grained, quartz, trace silt, 1" clay layer @ 14.3', gray (5Y-5/1), (SP).		34S#5	
-32.2	16		Alternating CLAY and very fine grained quartz SILTY SAND layers, dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 16.7 Mean (mm): 0.08, Phi Sorting: 0.66 Silt: 65.76% (ML)
-33.7	17		SAND, fine grained, quartz, trace silt, gray (5Y-5/1), (SP).		34S#5	
-34.7	18		Alternating CLAY and fine grained quartz SILTY SAND layers, dark gray (5Y-4/1), (CL).		1	
-35	19		No Recovery			
	20		End of Boring			
	21		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO
	22					
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3764120 Y=292379	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-35	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/13/02 07:42 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -17.6 FT
9. TOTAL DEPTH OF HOLE 18.6	18. TOTAL CORE RECOVERY FOR BORING 100%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-17.6	0					
-24.5	0–6		CLAY, soft from 0'-0.4' and 6.2'-6.9', little sandy laminae, dark gray (5Y-4/1), (CL).		1	Sample #1 Depth = 3.0 *Mean (mm): 0.007, Phi Sorting: 2.1 *Sand 3.6%, Silt 61.2%, Clay 35.2%
-29.2	7–11		SAND, fine to very fine grained, quartz, trace silt, trace shell hash, clay laminae @ 9.5', 1" shelly layer @ 11.4', dark gray (5Y-4/1), (SW-SM).		2	Sample #2 Depth = 9.0 Mean (mm): 0.11, Phi Sorting: 0.50 Silt: 5.15% (SW-SM)
-31.5	12–13		trace silt, trace organics, dark gray (5Y-4/1), (SW-SM).		3	Sample #3 Depth = 12.6 Mean (mm): 0.11, Phi Sorting: 0.52 Silt: 7.59% (SW-SM)
-33.7	14–16		SILTY SAND, little clay laminae, trace organics, dark gray (5Y-4/1), (SC).		4	Sample #4 Depth = 15.2 *Mean (mm): 0.039, Phi Sorting: 2.2 *Sand 59.3%, Silt 29.9%, Clay 10.8% Mean (mm): 0.09, Phi Sorting: 0.70 Silt: 41.63% (SM)
-36.5	17–18		CLAY, some very fine grained sand, dark gray (5Y-4/1), (CL).			
	19		End of Boring			
	20–24		Expansion from 18.6' Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3759147 Y=290598	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-38	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started Completed 9/15/02 11:59
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -15.1 FT
8. DEPTH DRILLED INTO ROCK N/A	18. TOTAL CORE RECOVERY FOR BORING 93%
9. TOTAL DEPTH OF HOLE 16.2 FT	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15.1	0		SANDY SILT, very dark gray (5Y-3/1), (ML).		1	Sample #1 Depth = 0.2 *Mean (mm): 0.068, Phi Sorting: 1.0 *Sand 73.1%, Silt 22.1%, Clay 4.9%
-16.1	1		CLAY, trace sandy laminae, dark gray (5Y-4/1), (CL).		2	Mean (mm): 0.08, Phi Sorting: 0.7 Silt: 30.81% (ML)
-16.8	2		SAND, very fine grained, quartz, trace silt, trace shell hash, dark gray (5Y-4/1), (SW-SM).		3	Sample #3 Depth = 1.4 Mean (mm): 0.09, Phi Sorting: 0.56 Silt: 10.69% (SM)
-18.7	3		CLAY, trace sandy laminae, soft from 3.4'-3.6', dark gray (5Y-4/1), (CL).		2	Sample #2 Depth = 2.5 *Mean (mm): 0.005, Phi Sorting: 2.0 *Sand 6.0%, Silt 50.3% Clay 43.6%
-19.9	4		CLAYEY SILT, dark gray (5Y-4/1), (ML).		4	Sample #4 Depth = 4.2 *Mean (mm): 0.024, Phi Sorting: 1.8 *Sand 34.1%, Silt 53.9%, Clay 12.0%
-23.8	5, 6, 7, 8		SAND, fine grained, quartz, trace silt, trace clay laminae, dark gray (5Y-4/1), (SW-SM).		5	Sample #5 Depth = 6.5 Mean (mm): 0.10, Phi Sorting: 0.59 Silt: 14.98% (SM)
-24.5	9		CLAY, little sandy laminae, dark gray (5Y-4/1), (CL).		6	
-25.2	10		SAND, very fine grained, quartz, trace silt, one clay laminae @ 9.6', dark gray (5Y-4/1), (SW-SM).		5	
-26.7	11		CLAY, little sandy laminae, dark gray (5Y-4/1), (CL).		6	Sample #6 Depth = 10.7 *Mean (mm): 0.005, Phi Sorting: 2.0 *Sand 8.4%, Silt 42.9%, Clay 48.6%
-30.1	12, 13, 14		SAND, fine grained, quartz, trace silt, trace mottled clay laminae, trace organics, olive gray (5Y-5/2), (SW-SM).		7	Sample #7 Depth = 13.5 Mean (mm): 0.13, Phi Sorting: 0.46 Silt: 4.37% (SW-SM)
-31.3	15, 16		No Recovery			
	17, 18, 19, 20, 21, 22, 23, 24		End of Boring			

Note:

1) Soils are field visually classified in accordance with the Unified Soil Classification System.

* Data Analyzed by UNO

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3759149 Y=290600	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-38A	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN 0.0 FT	16. DATE HOLE Started 9/15/02 12:49 Completed
8. DEPTH DRILLED INTO ROCK N/A	17. ELEVATION TOP OF HOLE -15.1 FT
9. TOTAL DEPTH OF HOLE 18.3 FT	18. TOTAL CORE RECOVERY FOR BORING 100%
	19. SIGNATURE OF GEOLOGIST ML and JB

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15.1	0					
	1					
	2					
	3					
	4					
	5					
	6					
	7		JET			
	8					
	9					
	10					
	11					
	12					
	13					
-29.2	14					
	15		SAND, fine grained, quartz, trace silt, trace mottled clay laminae, trace organics, olive gray (5Y-5/2), (SW-SM).		1	Sample #1 Depth = 16.2 Mean (mm): 0.13, Phi Sorting: 0.65 Silt: 7.24% (SW-SM)
	16					
	17					
-32.8						
-33.4	18		CLAY, trace sand laminae, dark gray (5Y-4/1), (CL).		38S#6	
			End of Boring			
	19					
	20					
	21					* Data Analyzed by UNO
	22		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
	23					
	24					

DRILLING LOG

DIVISION:

INSTALLATION:

SHEET 1 of 1

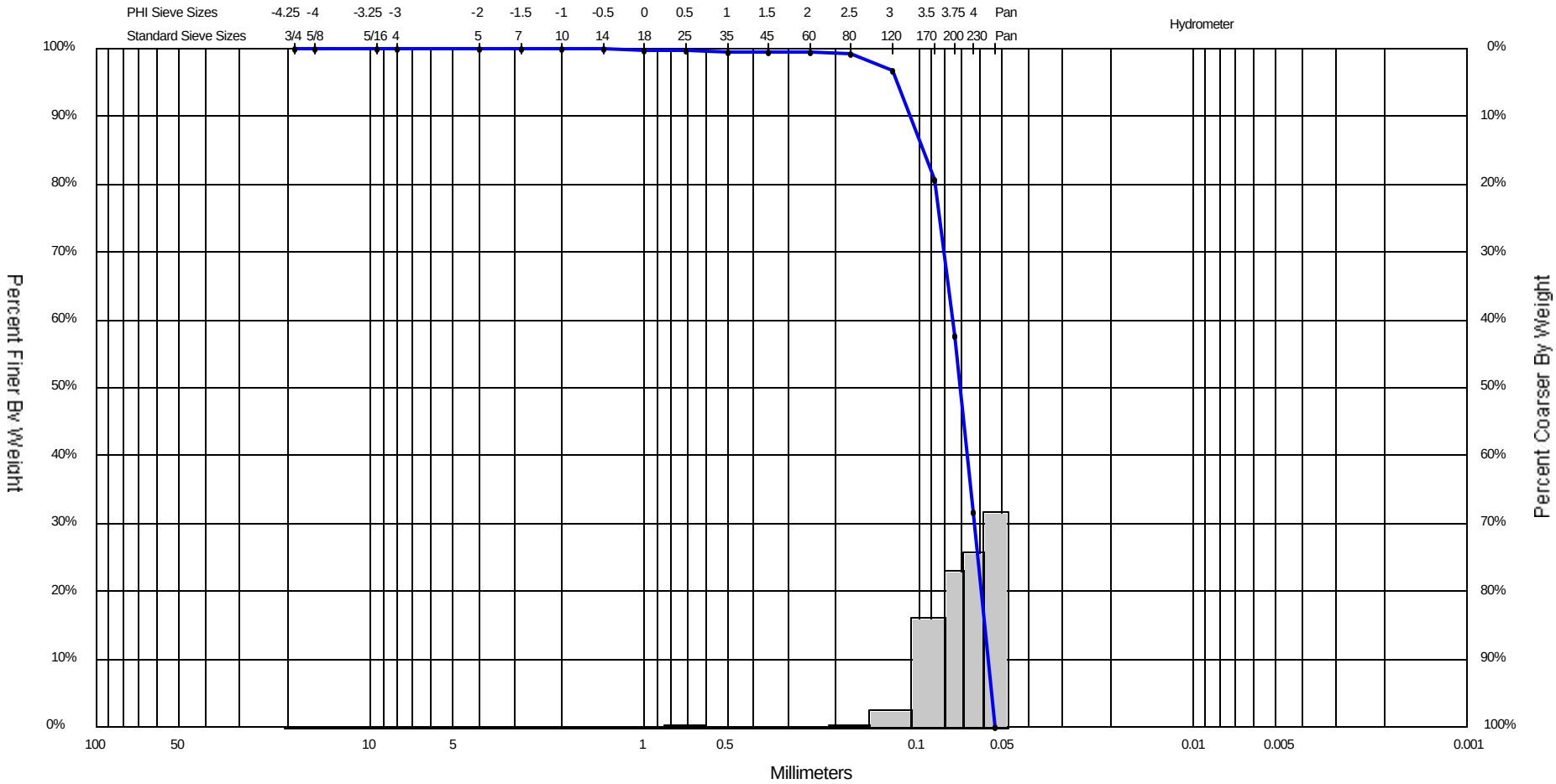
1. PROJECT BARATARIA	10. SIZE AND TYPE OF BIT 3.0"
2. LOCATION (Coordinates or Station) X=3760706 Y=293316	11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NAVD 88
3. DRILLING AGENCY: Eckerd College	12. MANUFACTURER'S DESIGNATION OF DRILL Rossfelder P-3 Electric Vibracorer
4. HOLE NO. (As shown on drawing title and file number) QBVC-02-40	13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0
5. NAME OF DRILLER Gregg Brooks, PhD	14. TOTAL NO. OF CORE BOXES 1
6. DIRECTION OF HOLE VERTICAL	15. ELEVATION GROUND WATER
	16. DATE HOLE Started 9/15/02 15:30 Completed
7. THICKNESS OF BURDEN 0.0 FT	17. ELEVATION TOP OF HOLE -13.7 FT
	18. TOTAL CORE RECOVERY FOR BORING 82%
8. DEPTH DRILLED INTO ROCK N/A	19. SIGNATURE OF GEOLOGIST ML and JB
9. TOTAL DEPTH OF HOLE 18.8 FT	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-13.7	0					
-17.1	0–3		SAND, very fine grained, some silt, trace shell hash, trace clay layers, dark gray (5Y-4/1), (SM).		1	Sample #1 Depth = 2.0 *Mean (mm): 0.077, Phi Sorting: 0.5 *Sand 74.6%, Silt 22.8%, Clay 2.5% Mean (mm): 0.07, Phi Sorting: 0.37 Silt: 40.96% (ML)
-18.7	3–5		SAND, very fine grained, quartz, little silt, 2" silty shell hash layer @ 3.6', dark gray (5Y-4/1), (SM).		2	Sample #2 Depth = 4.0 Mean (mm): 0.11, Phi Sorting: 0.55 Silt: 9.77% (SW-SM)
-20.7	5–7		SAND, very fine grained, quartz, little silt, trace clay laminae/burrows, dark gray (5Y-4/1), (SM).		3	Sample #3 Depth = 6.0 Mean (mm): 0.11, Phi Sorting: 0.56 Silt: 12.76% (SM)
-23	7–9		Alternating layers of CLAY and very fine grained SAND with trace silt, trace shell hash, dark gray (5Y-4/1), (SC).		4	Sample #4 Depth = 8.0 *Mean (mm): 0.025, Phi Sorting: 2.9 *Sand 64.5%, Silt 18.0%, Clay 17.6% Mean (mm): 0.09, Phi Sorting: 0.62 Silt: 28.29% (SM)
-29.2	9–15		SAND, very fine grained, quartz, little silt, little clay laminae/layers, trace silt laminae, dark gray (5Y-4/1), (SM-SC).		5	Sample #5 Depth = 14.0 Mean (mm): 0.09, Phi Sorting: 0.63 Silt: 27.23% (SM)
-32.5	15–18		No Recovery			
	18–19		End of Boring			
	19–24		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			* Data Analyzed by UNO

APPENDIX II

SAND SAMPLE ANALYSIS

QUATRE BAYOU
2002 VIBRACORE GRAIN SIZE DISTRIBUTION CURVES/HISTOGRAMS



Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-02 S#1		-12.8		ML	31.76	0.07	0.07	-0.42	1.61	0.43
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	09/03/02
Analyzed By:	ID
Easting (X):	3762196
Northing (Y):	295199
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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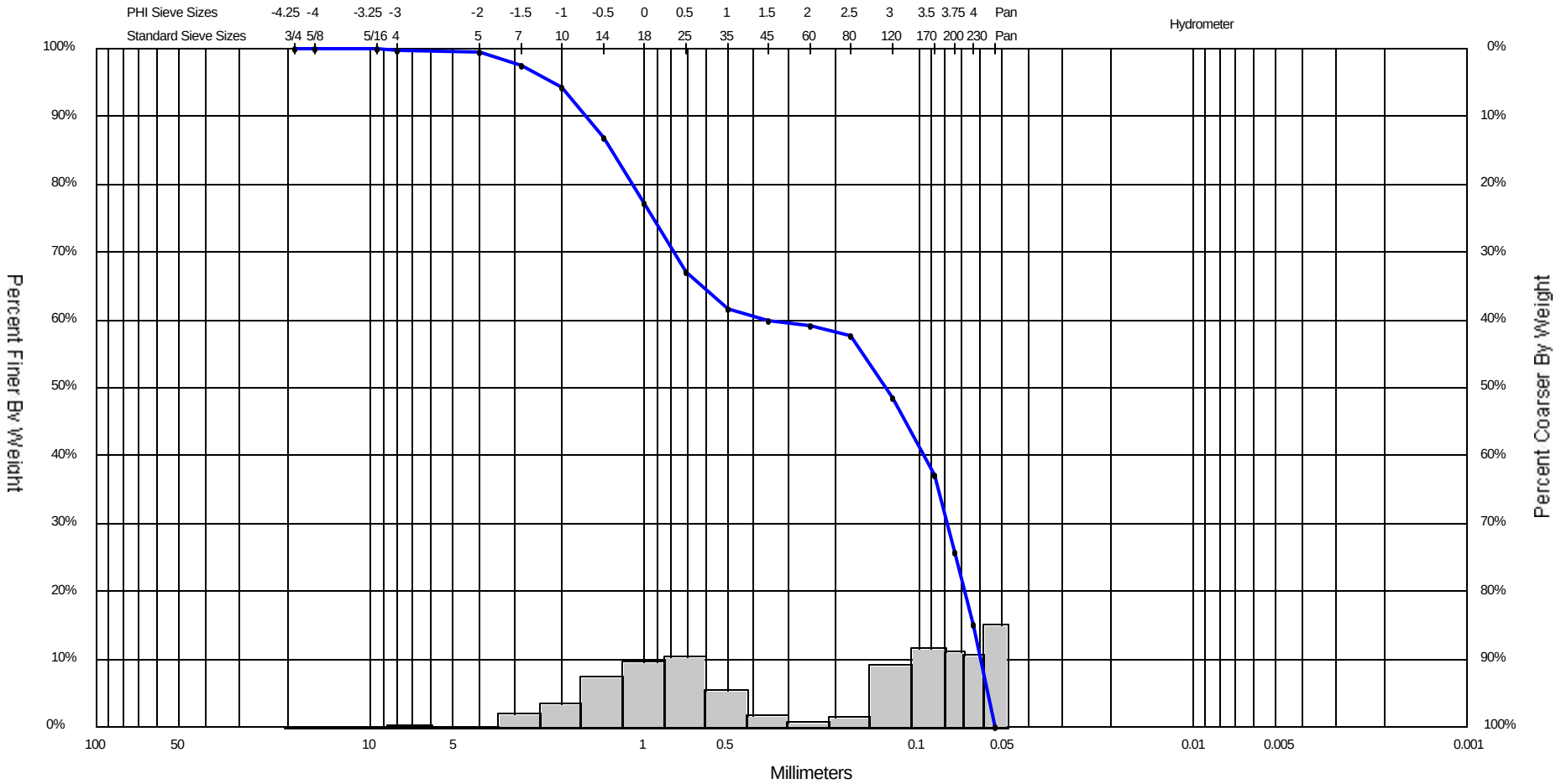

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-02 S#2		-13.8		SM	15.11	0.13	0.26	-0.26	1.09	2.29
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	09/03/02
Analyzed By:	ID
Easting (X):	3762196
Northing (Y):	295199
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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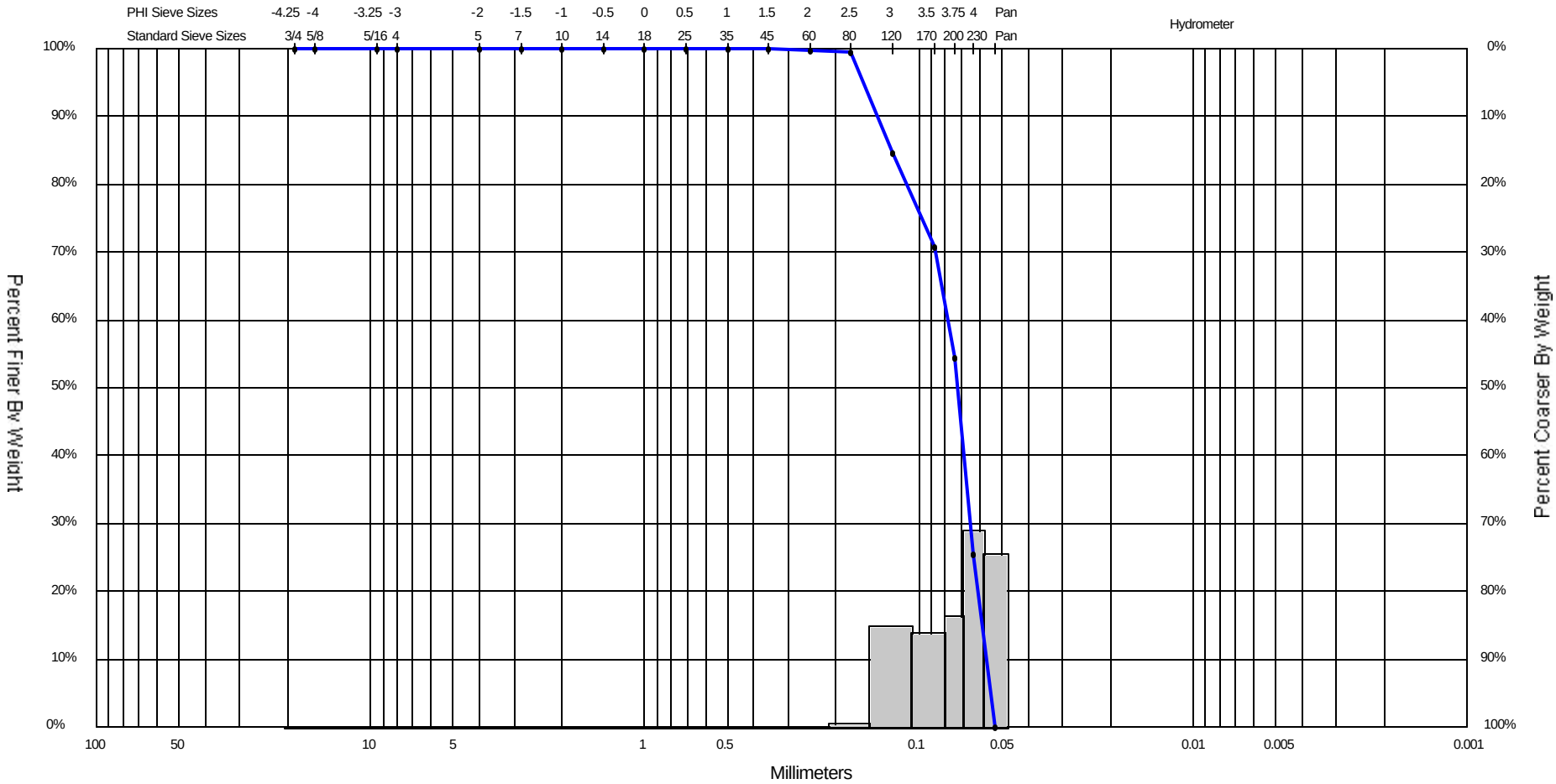

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-02 S#4		-18.8		ML	25.58	0.07	0.08	-0.46	1.52	0.59
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	09/03/02
Analyzed By:	ID
Easting (X):	3762196
Northing (Y):	295199
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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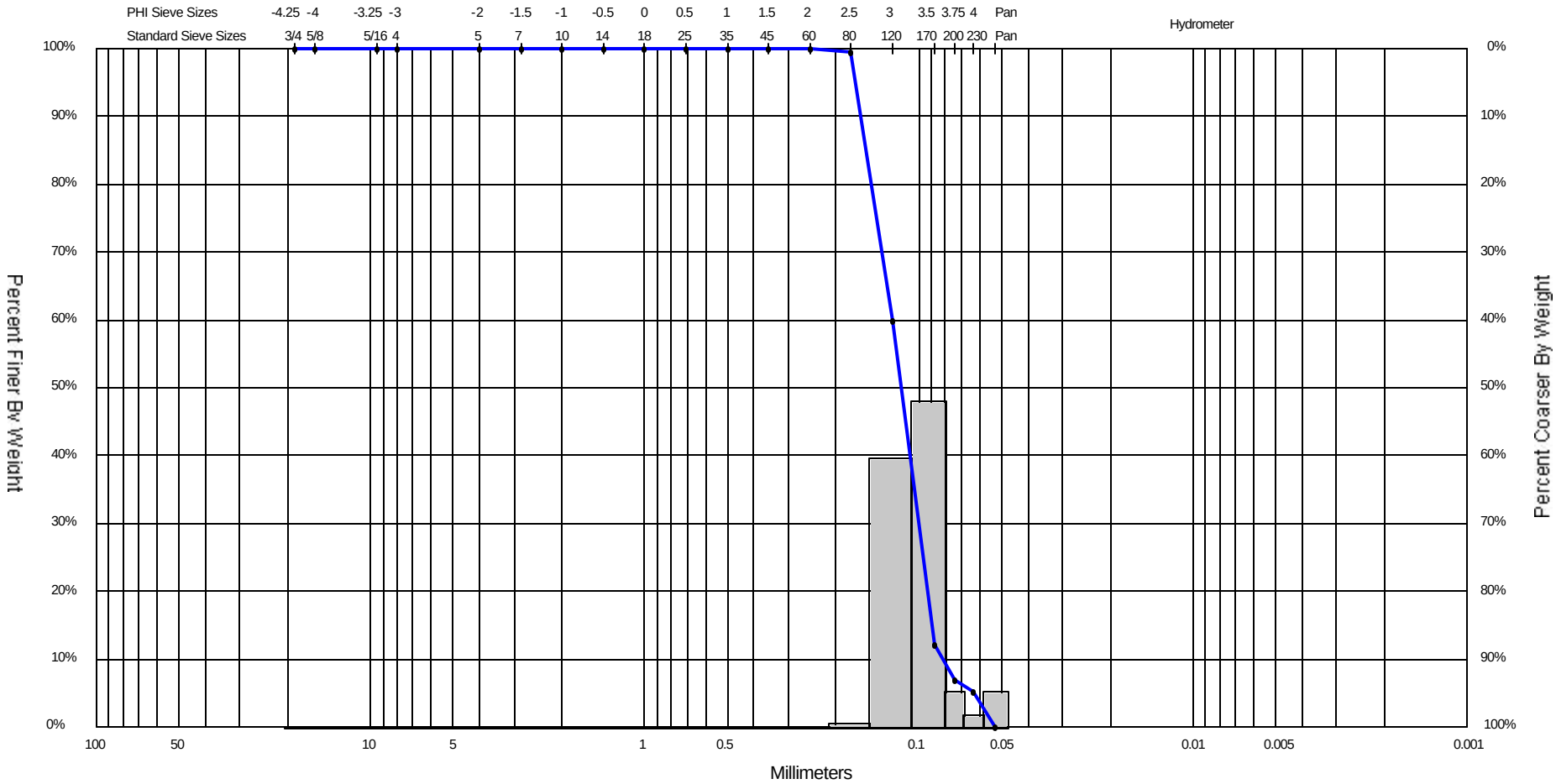

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-02 S#5		-21.7		SW-SM	5.20	0.12	0.11	0.46	1.85	0.51
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/6/02
Analyzed By:	ID
Easting (X):	3762196
Northing (Y):	295199
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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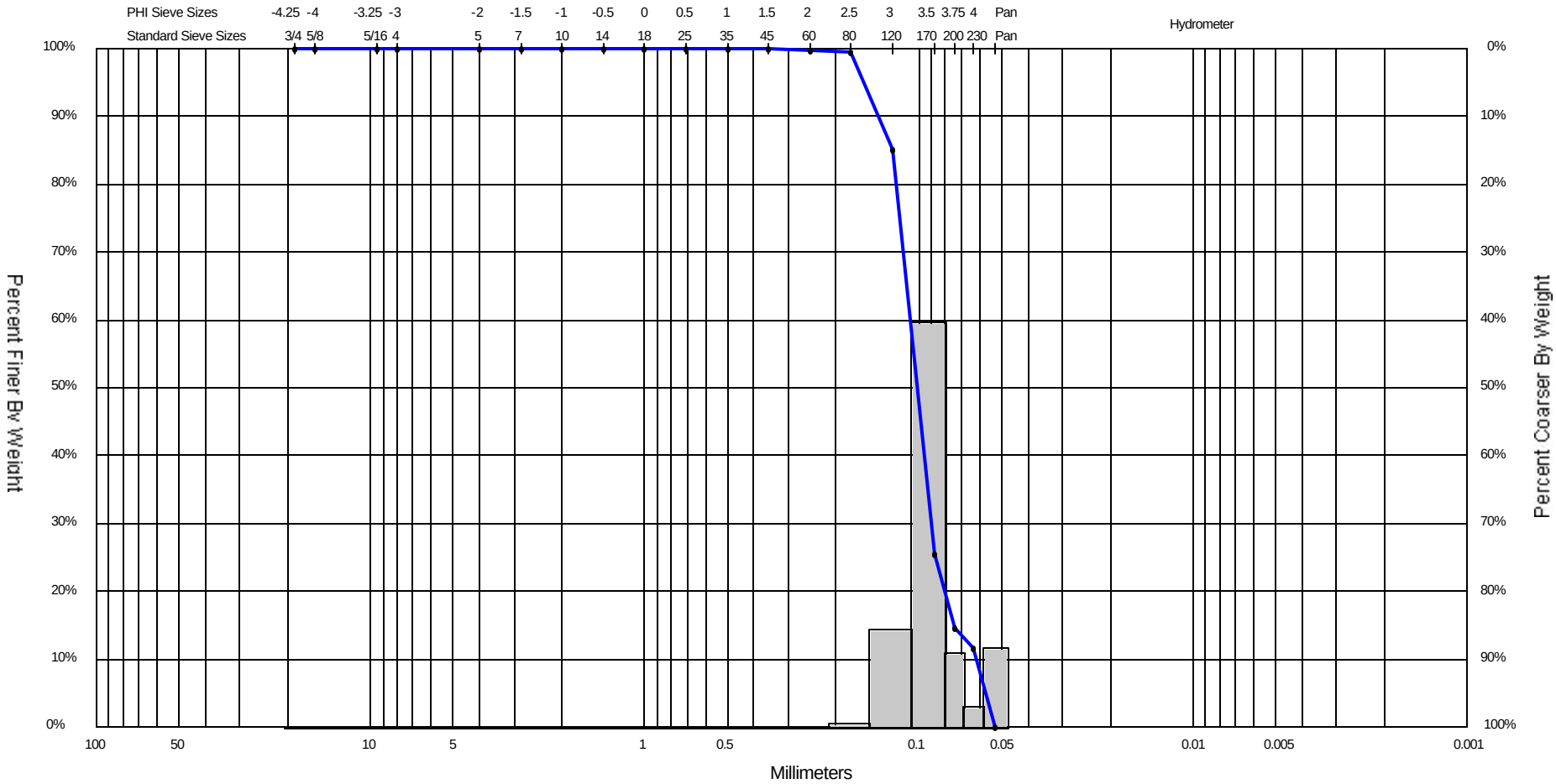

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-02 S#6		-25.1		SM	11.65	0.10	0.10	0.25	1.88	0.49
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/6/02
Analyzed By:	ID
Easting (X):	3762196
Northing (Y):	295199
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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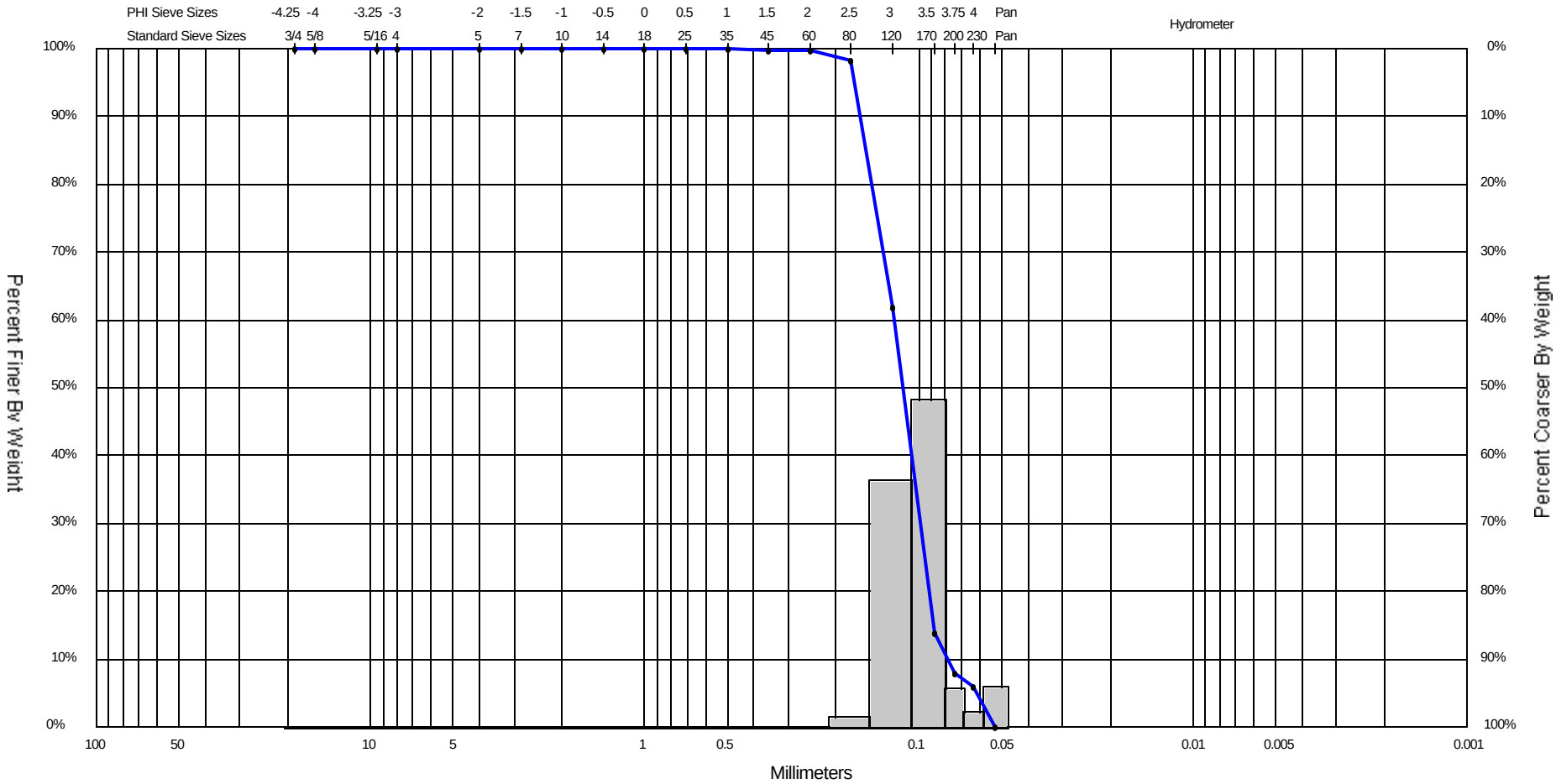

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-03 S#2		-25.5		SW-SM	5.85	0.12	0.11	0.44	1.84	0.52
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/6/02
Analyzed By:	ID
Easting (X):	3763730
Northing (Y):	292645
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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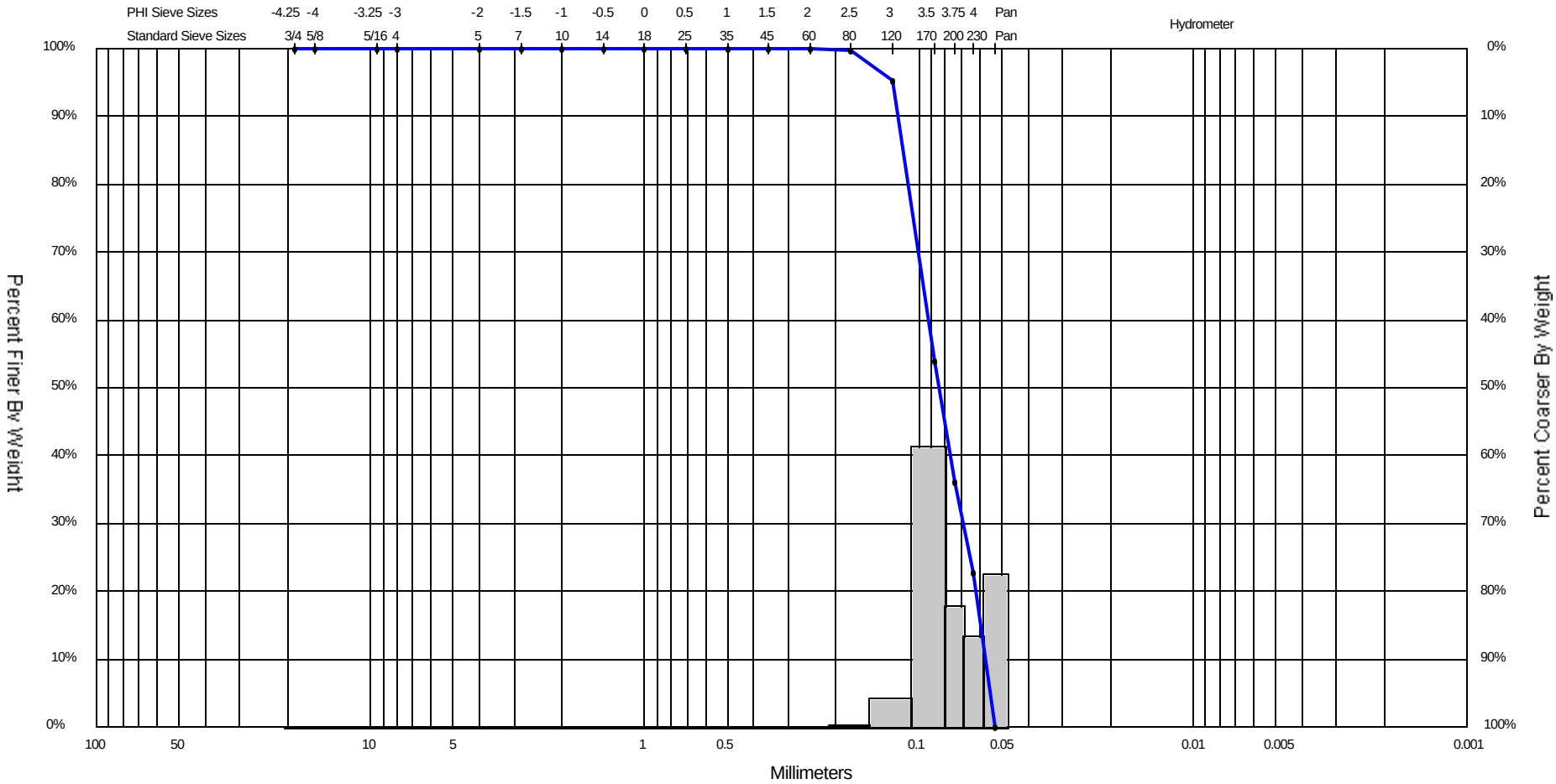

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-03 S#3		-28.4		SM	22.66	0.08	0.08	0.04	1.16	0.48
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	09/06/02
Analyzed By:	ID
Easting (X):	3763730
Northing (Y):	292645
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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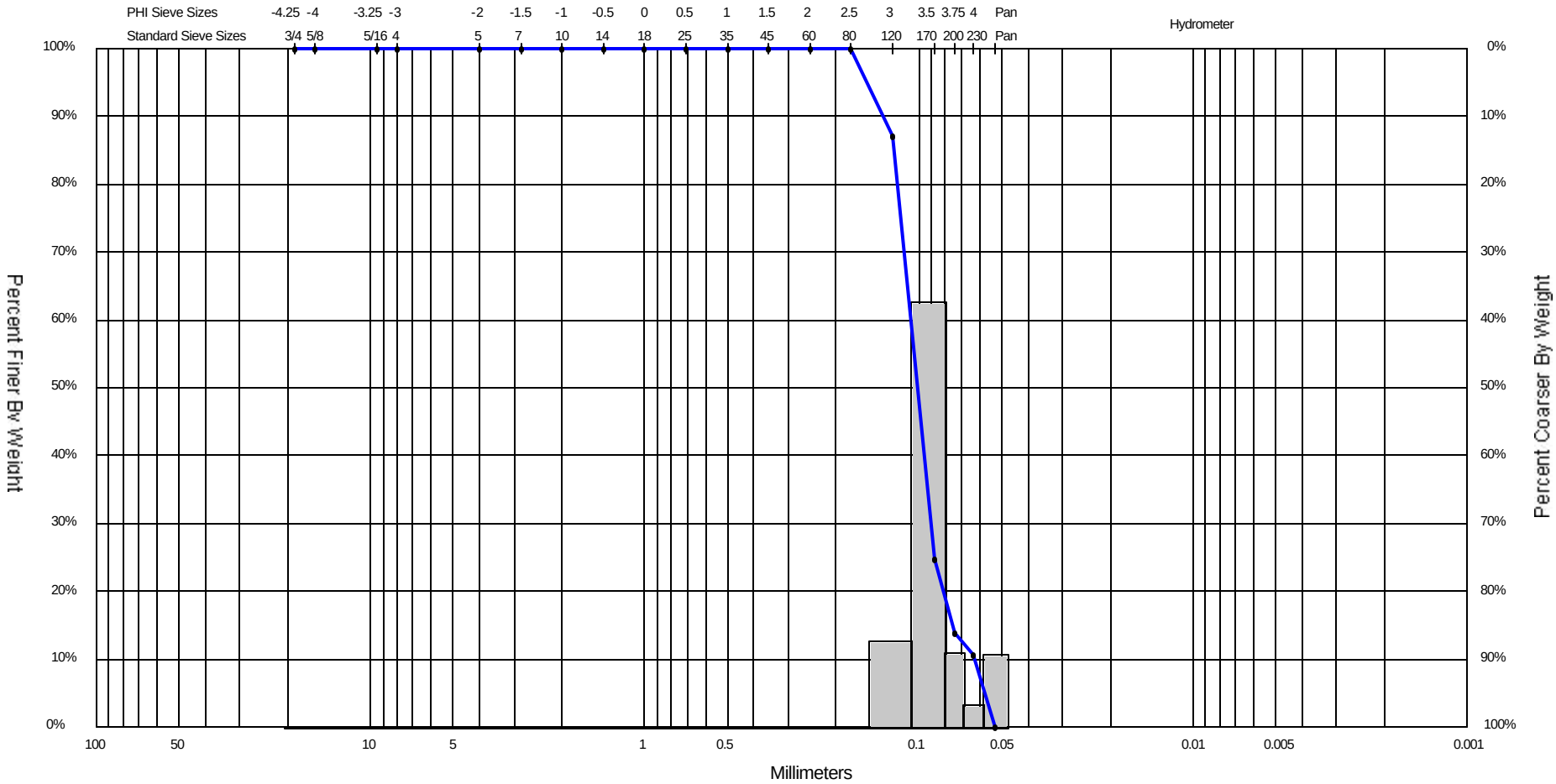

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-03A S#1		-31.4		SM	10.67	0.10	0.10	0.30	1.92	0.48
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	09/06/02
Analyzed By:	ID
Easting (X):	3763710
Northing (Y):	292669
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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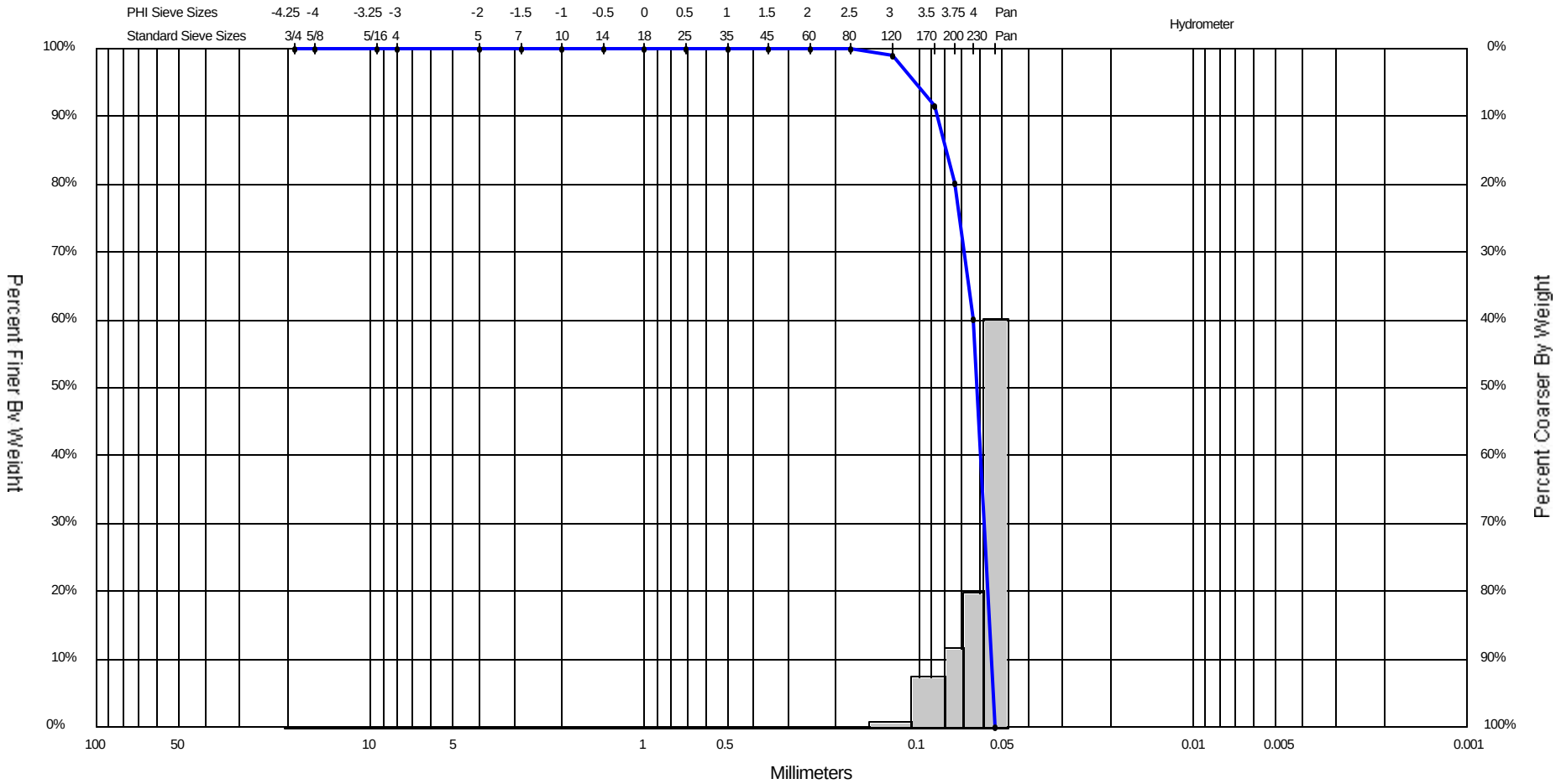

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-08 S#2		-24.6		ML	60.22	0.06	0.07	-0.79	2.11	0.35
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	09/06/02
Analyzed By:	ID
Easting (X):	3760791
Northing (Y):	290588
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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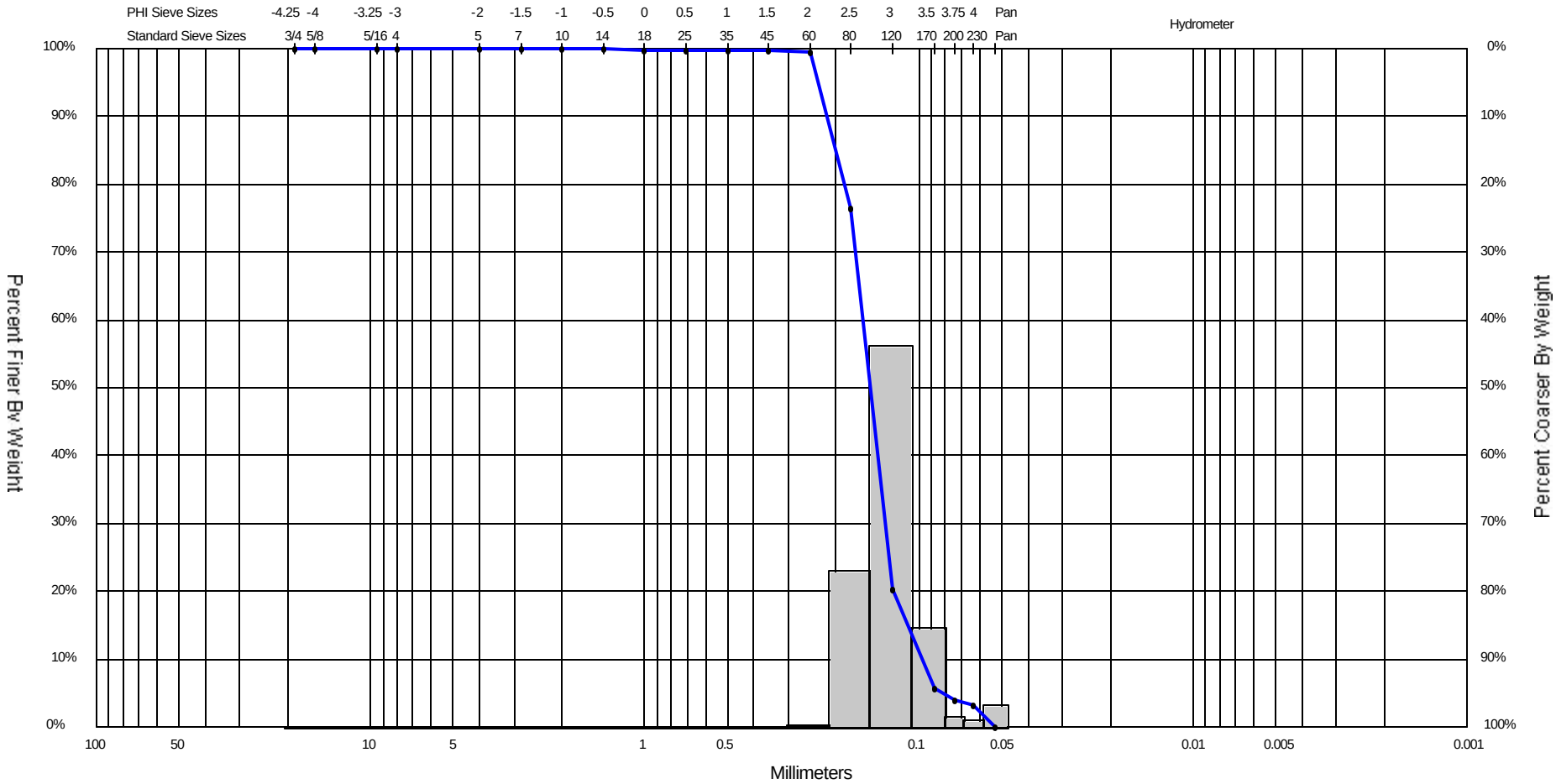

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-08 S#3		-31.3		SP	3.13	0.15	0.15	0.29	1.80	0.51
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	09/06/02
Analyzed By:	ID
Easting (X):	3760791
Northing (Y):	290588
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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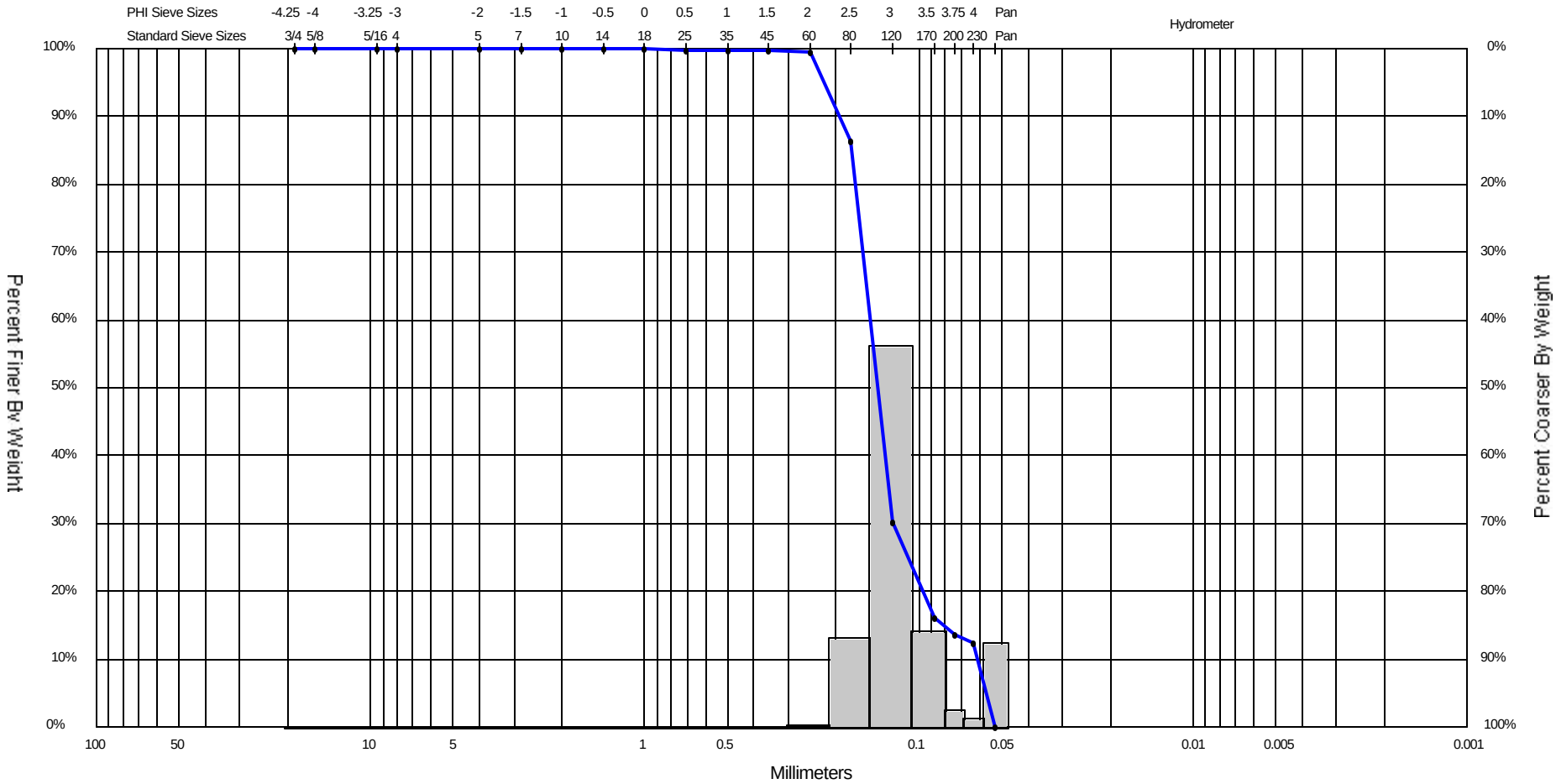

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-08 S#4		-32.2		SM	12.37	0.14	0.13	0.52	1.93	0.67
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	09/06/02
Analyzed By:	ID
Easting (X):	3760791
Northing (Y):	290588
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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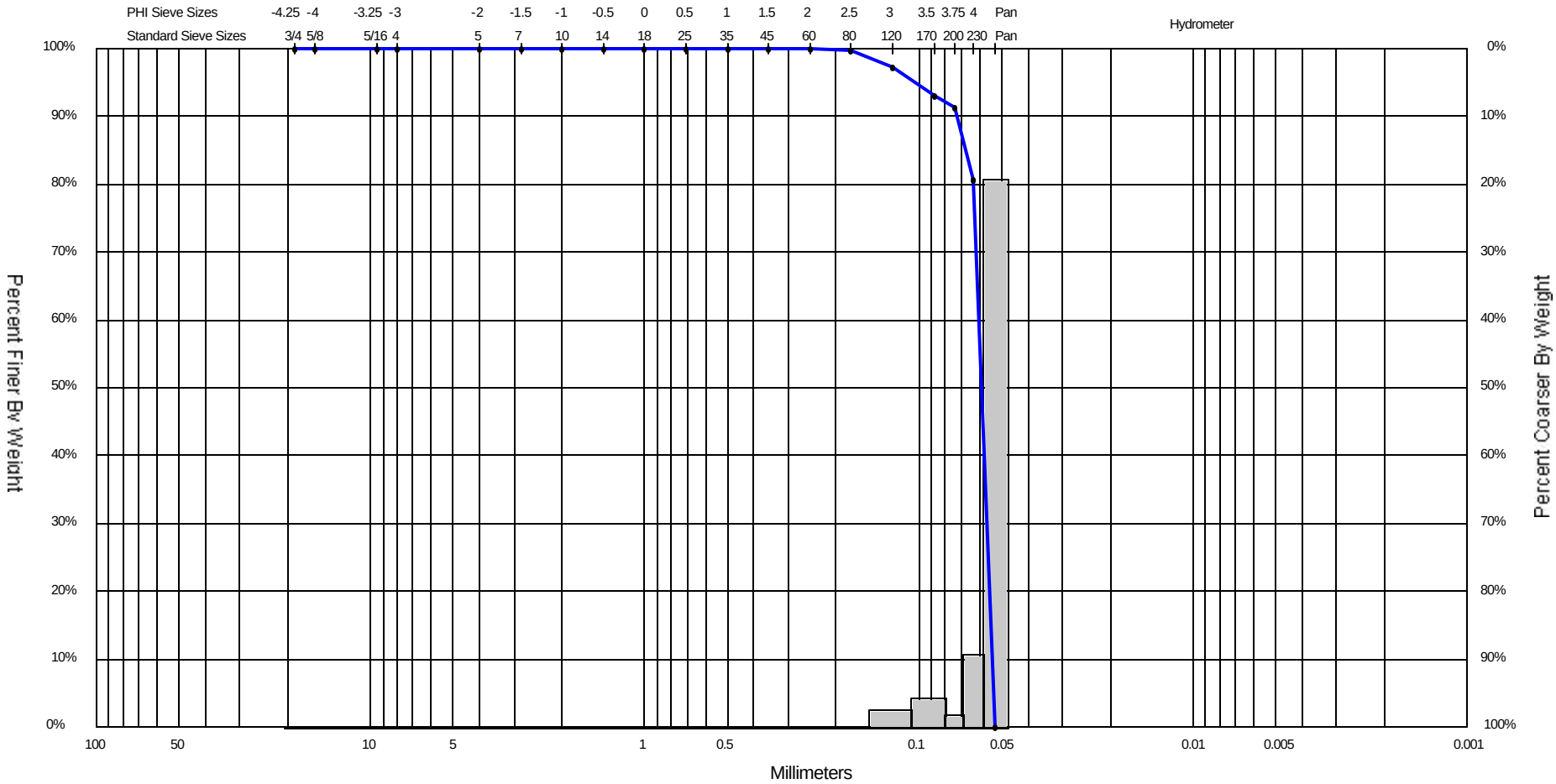

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-11 S#3		-18.4		ML	80.77	0.06	0.06	-1.50	3.61	0.33
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/18/02
Analyzed By:	ID
Easting (X):	3761144
Northing (Y):	292447
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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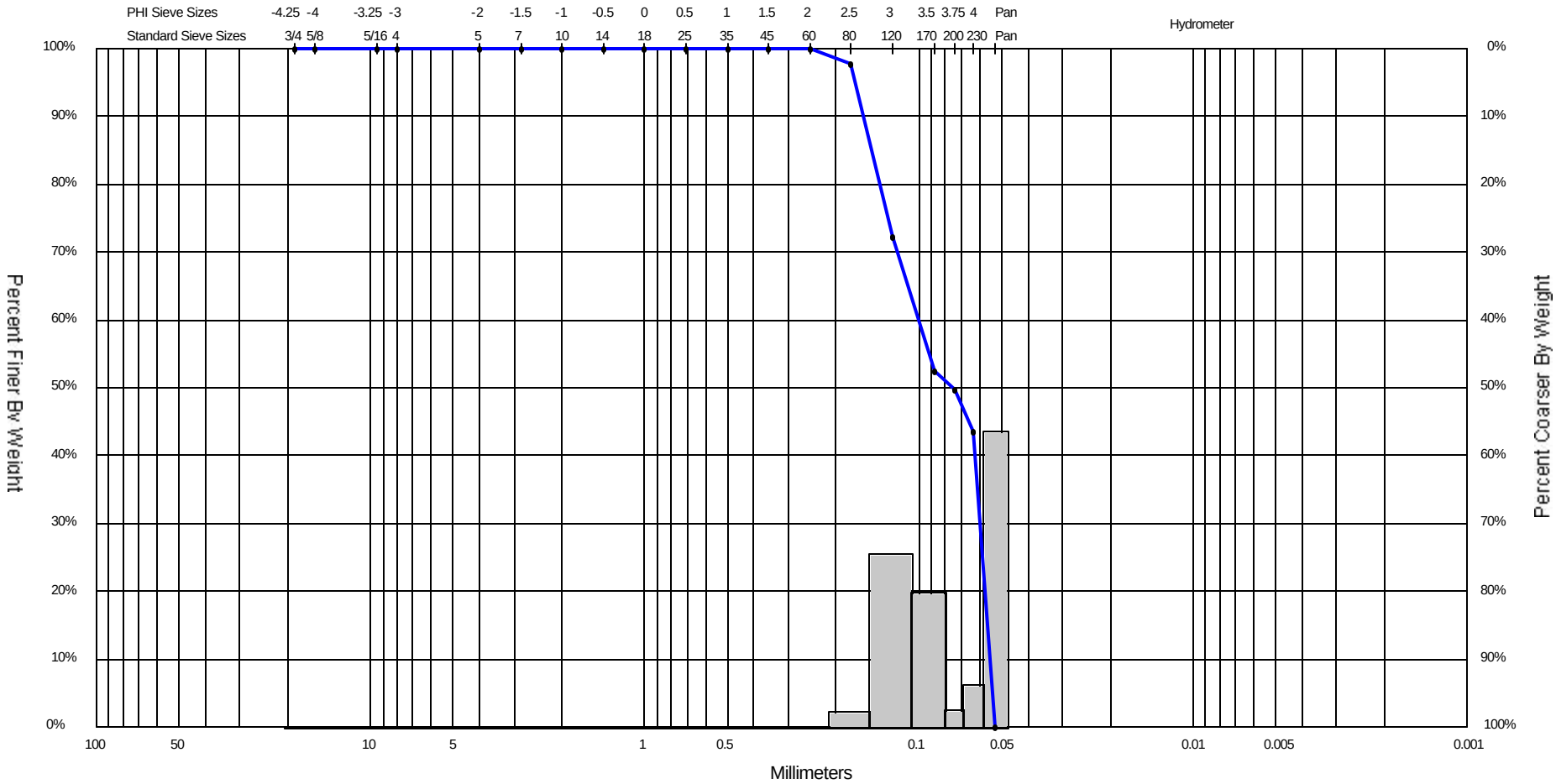

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-11 S#4		-19.9		SM	43.67	0.07	0.09	-0.22	1.10	0.72
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/18/02
Analyzed By:	ID
Easting (X):	3761144
Northing (Y):	292447
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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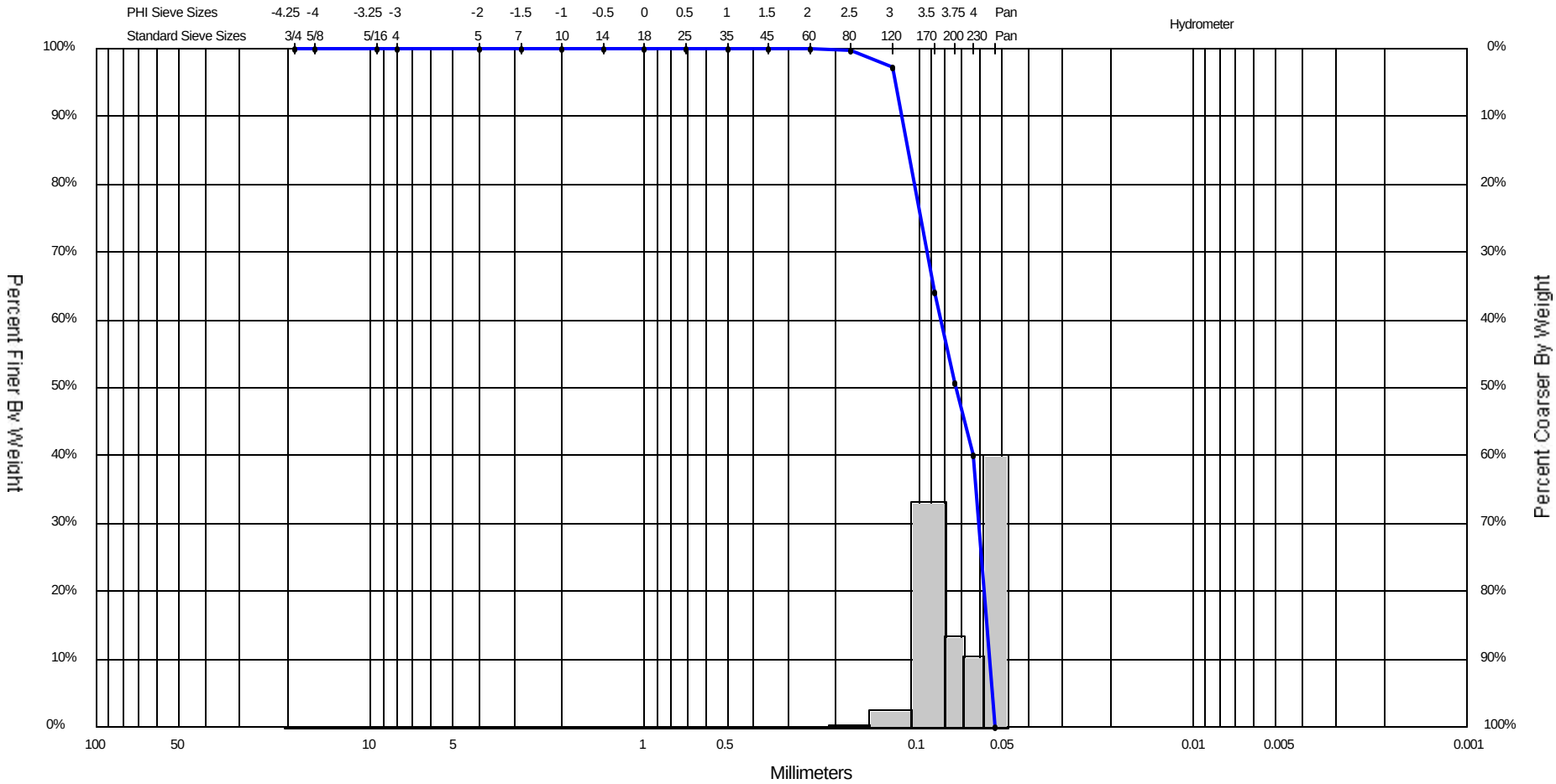

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-11 S#5		-22.4		ML	40.21	0.07	0.08	-0.16	1.15	0.49
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/18/02
Analyzed By:	ID
Easting (X):	3761144
Northing (Y):	292447
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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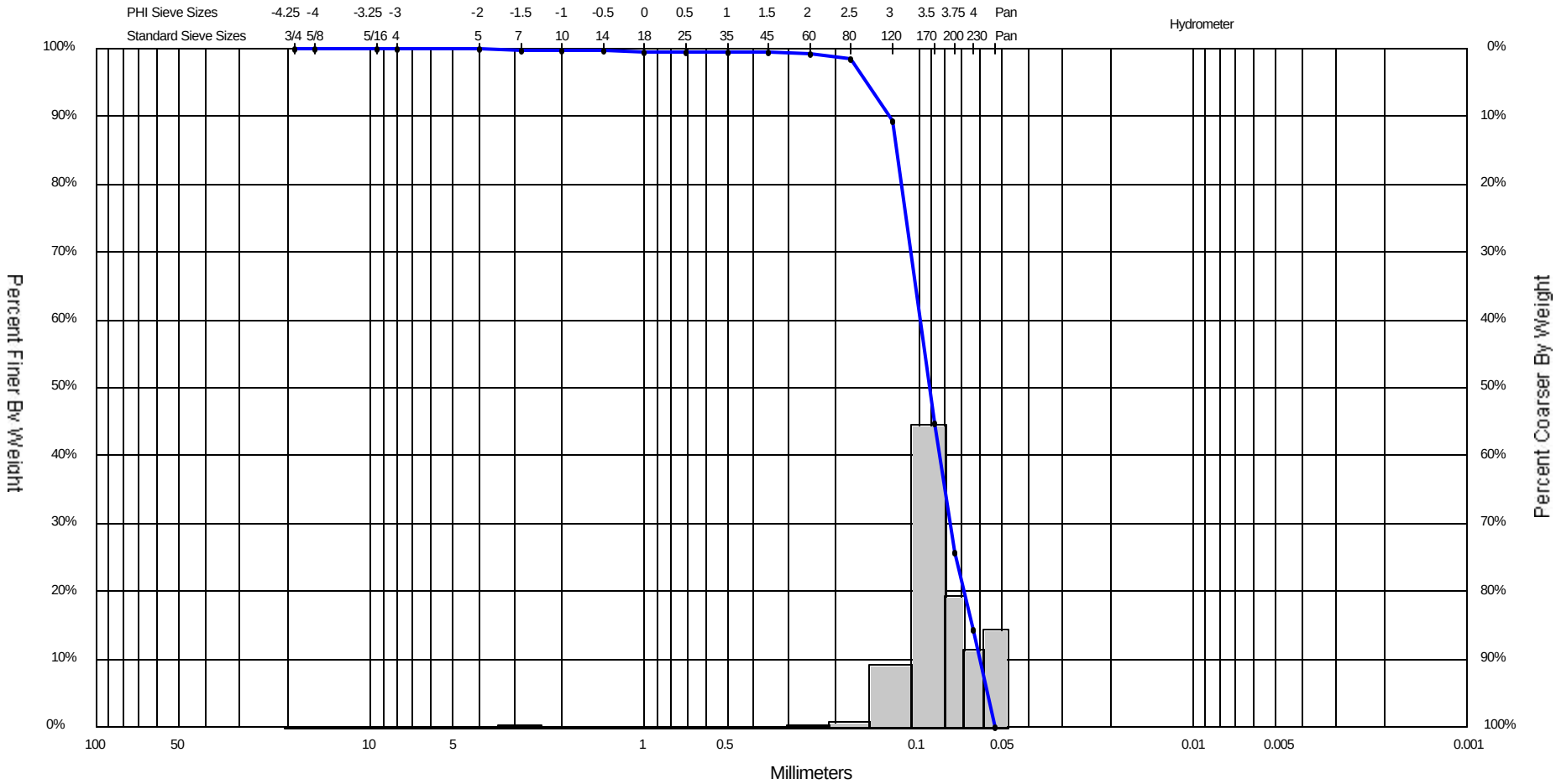

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-11 S#6		-24.9		SM	14.32	0.09	0.09	-0.06	1.48	0.53
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/09/02
Analyzed By:	ID
Easting (X):	3761144
Northing (Y):	292447
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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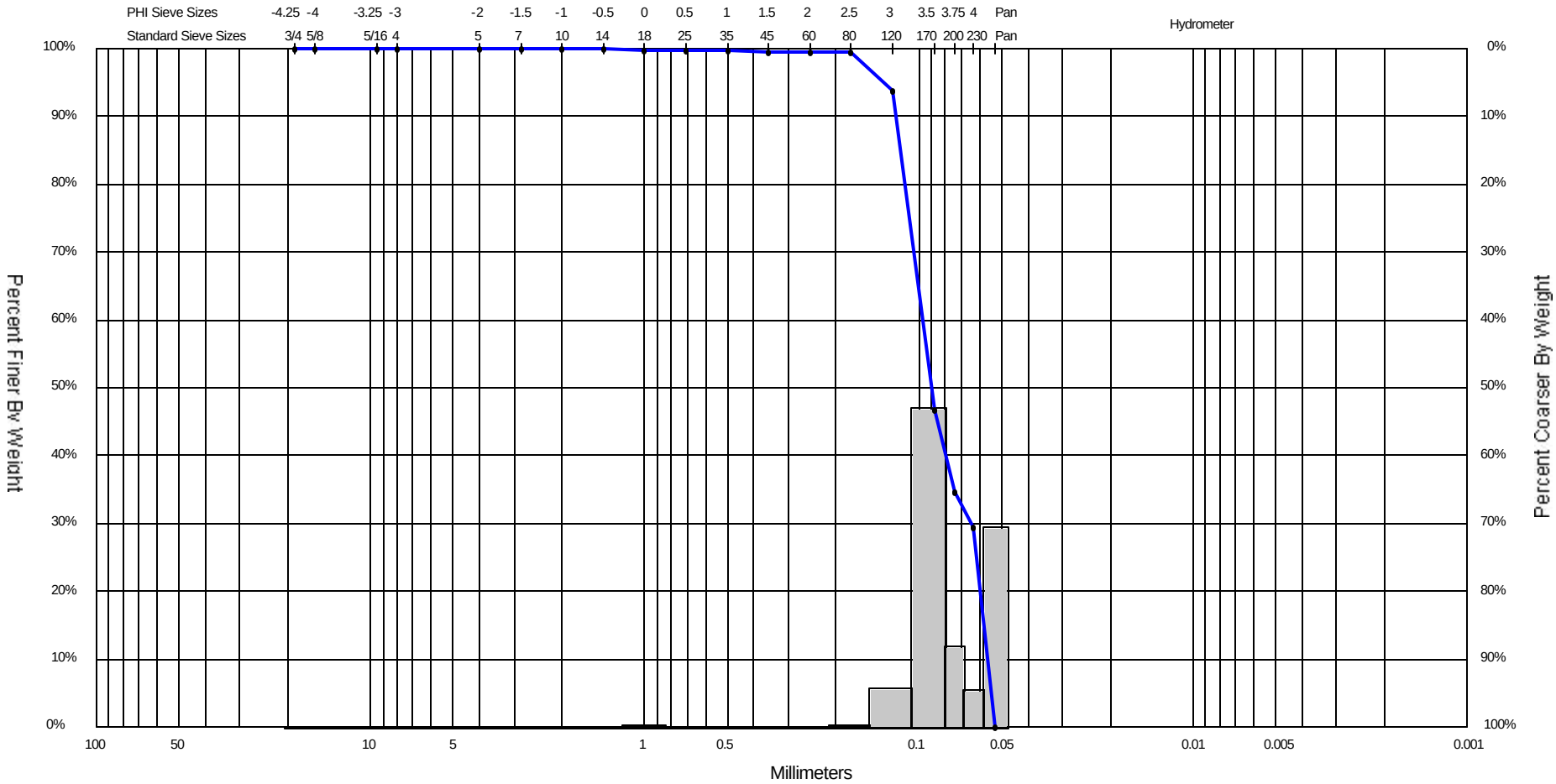

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-11A S#1		-27.9		SM	29.35	0.09	0.08	0.03	1.14	0.54
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/13/02
Analyzed By:	ID
Easting (X):	3761195
Northing (Y):	292464
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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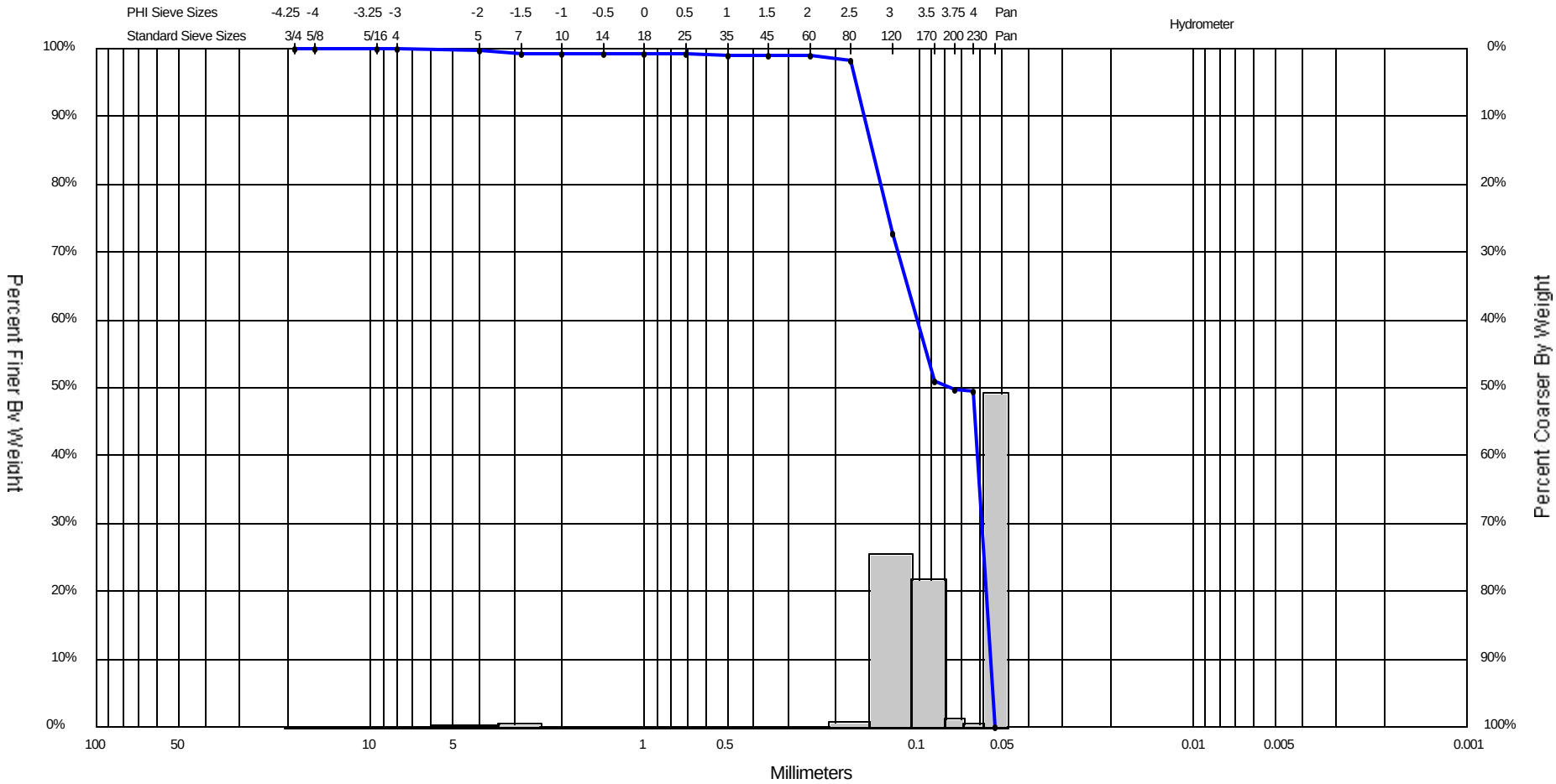

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-11A S#2		-29.8		SM	49.39	0.08	0.09	-0.21	1.10	0.72
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/13/02
Analyzed By:	ID
Easting (X):	3761195
Northing (Y):	292464
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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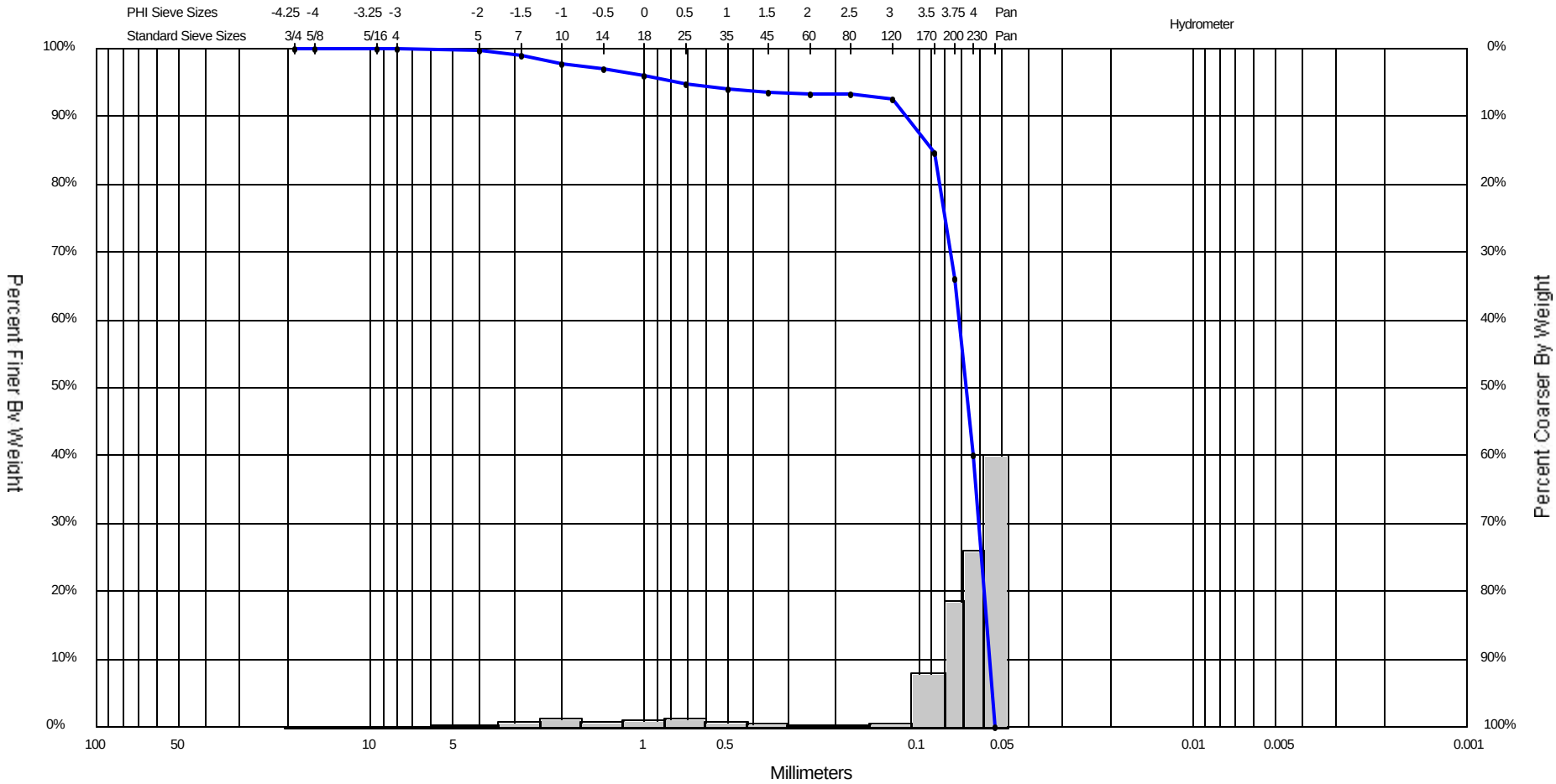

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-13 S#1		-16.1		ML	39.98	0.07	0.09	-1.74	4.12	1.34
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/13/02
Analyzed By:	ID
Easting (X):	3758706
Northing (Y):	289715
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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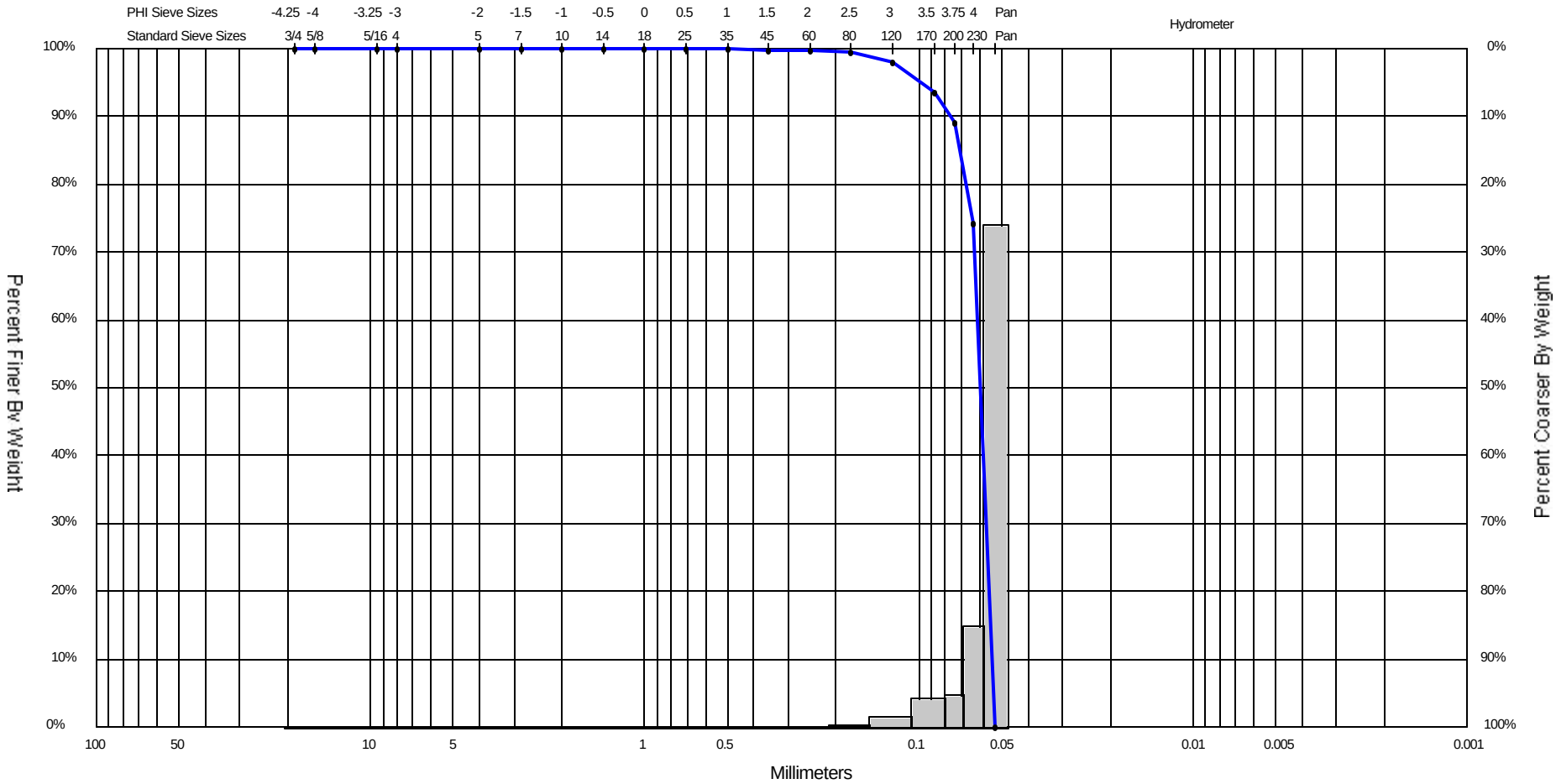

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-13 S#3		-20.1		ML	74.17	0.06	0.06	-1.22	3.00	0.31
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/13/02
Analyzed By:	ID
Easting (X):	3758706
Northing (Y):	289715
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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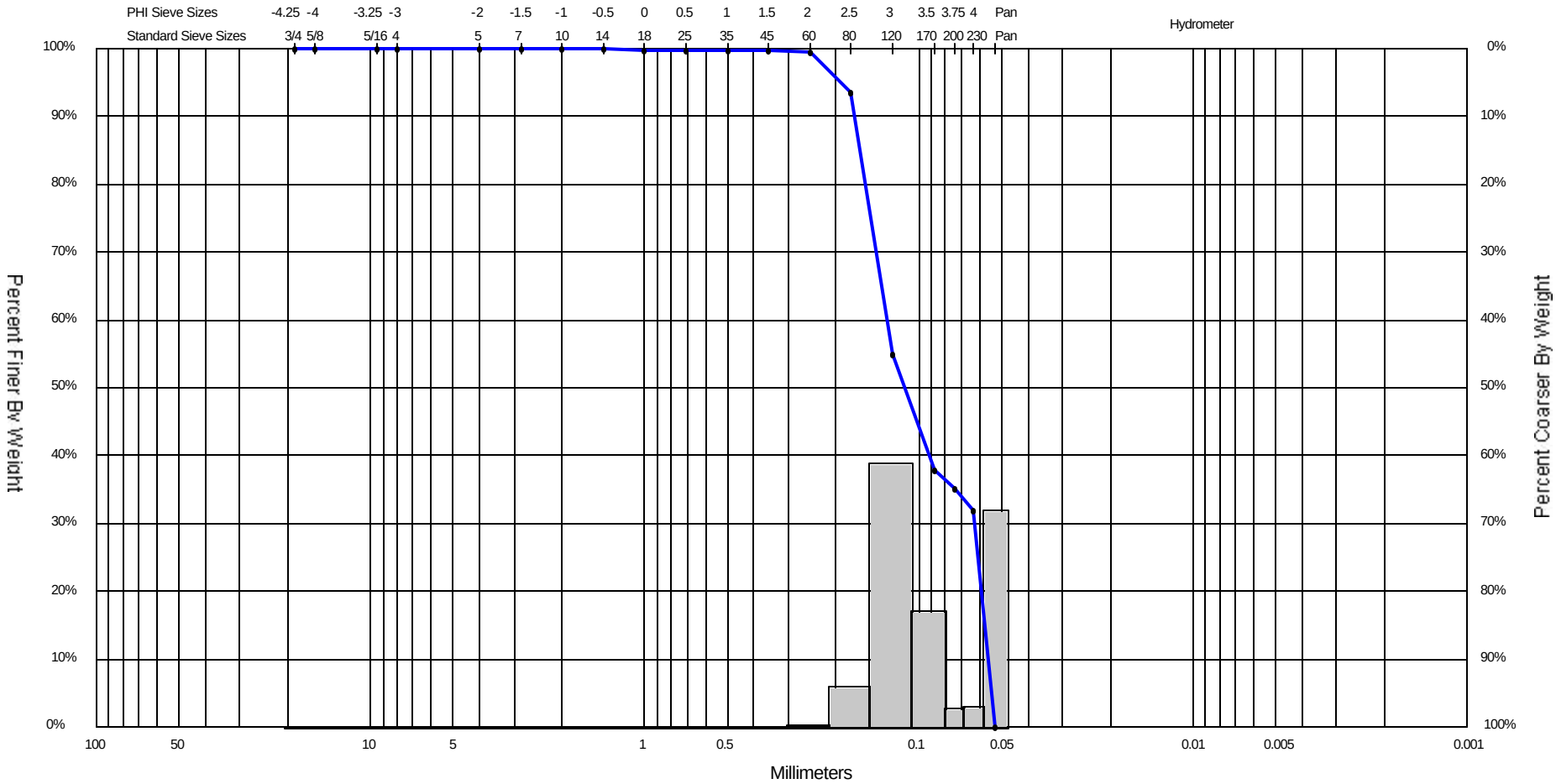

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-13 S#4		-20.9		SM	32.01	0.11	0.10	0.07	1.07	0.79
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/09/02
Analyzed By:	ID
Easting (X):	3758706
Northing (Y):	289715
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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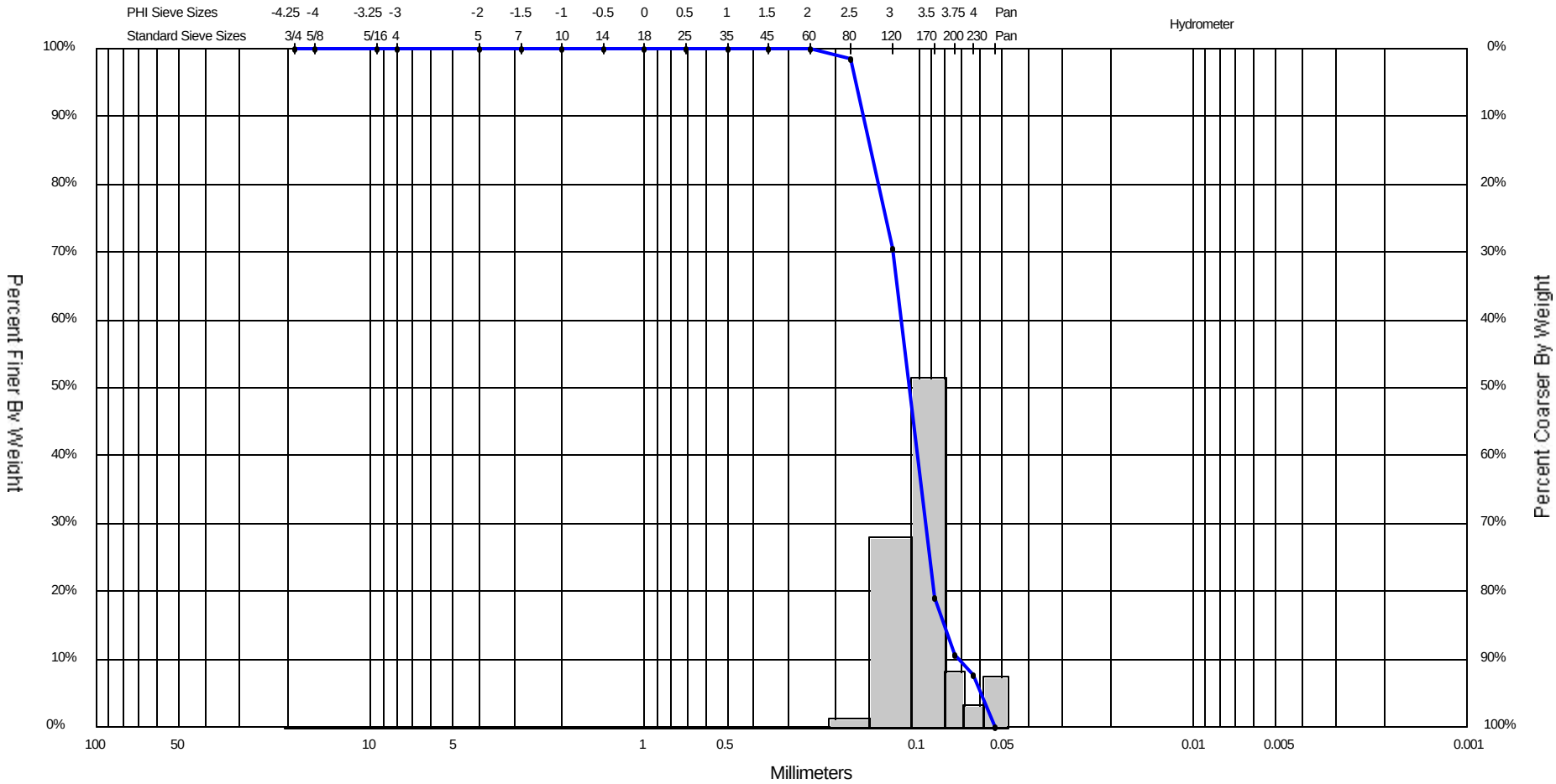

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-13 S#5		-25.1		SW-SM	7.55	0.11	0.11	0.33	1.76	0.53
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/13/02
Analyzed By:	ID
Easting (X):	3758706
Northing (Y):	289715
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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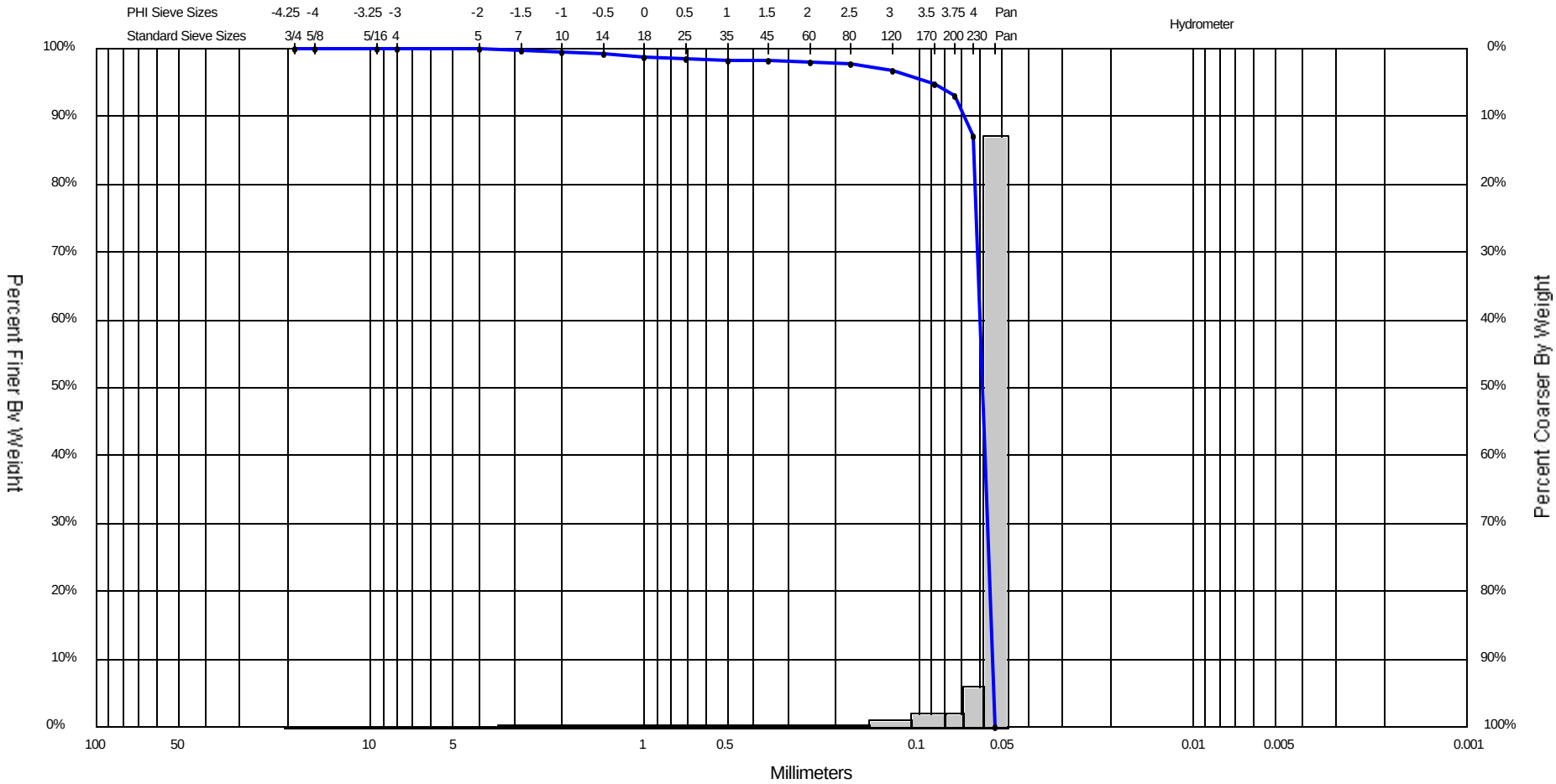

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-17 S#1		-15.3		ML	87.11	0.06	0.06	-1.50	3.64	0.26
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/10/02
Analyzed By:	ID
Easting (X):	3761675
Northing (Y):	293370
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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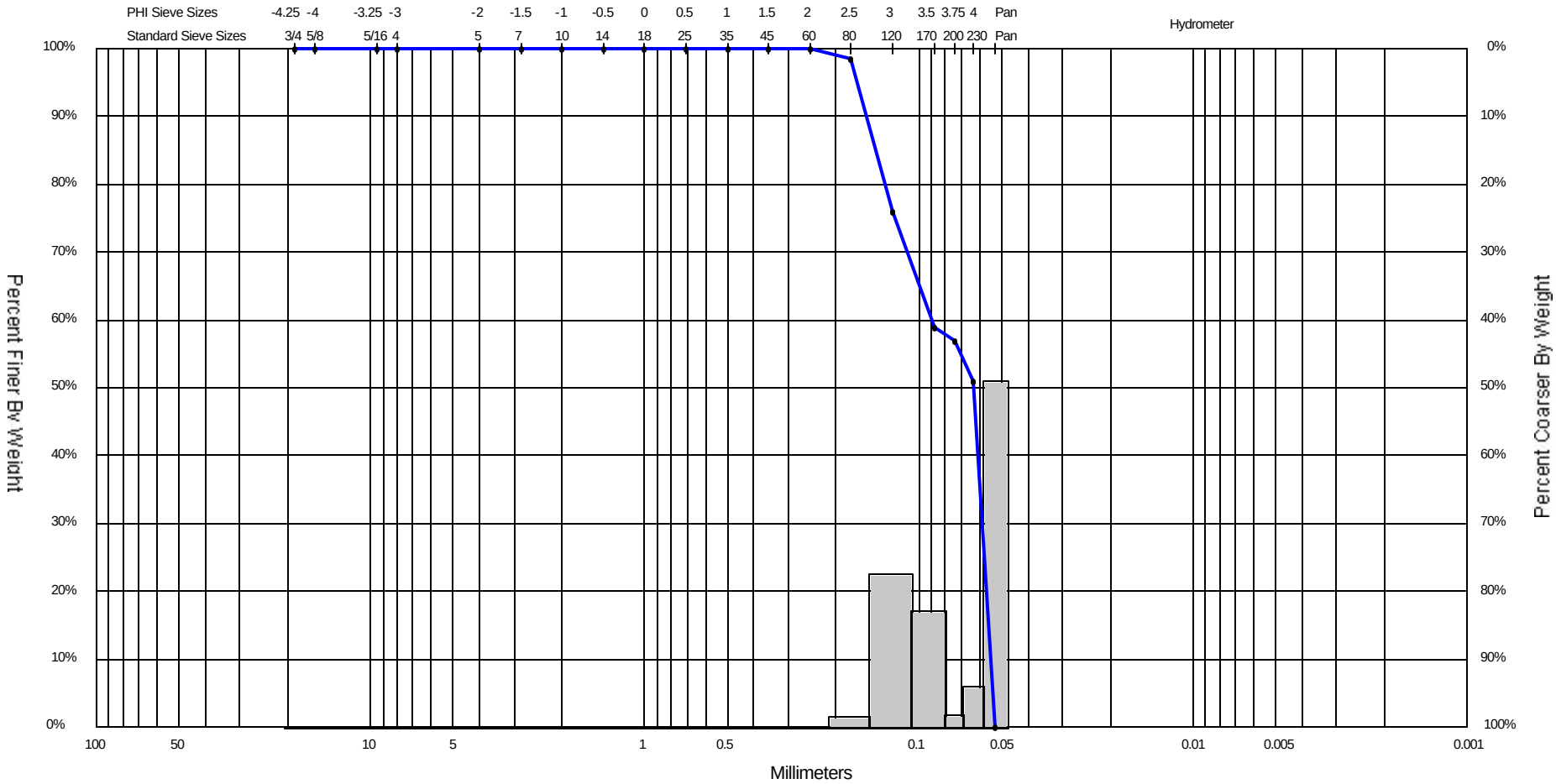

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-17 S#3		-20.2		ML	51.02	0.06	0.08	-0.33	1.10	0.72
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/18/02
Analyzed By:	ID
Easting (X):	3761675
Northing (Y):	293370
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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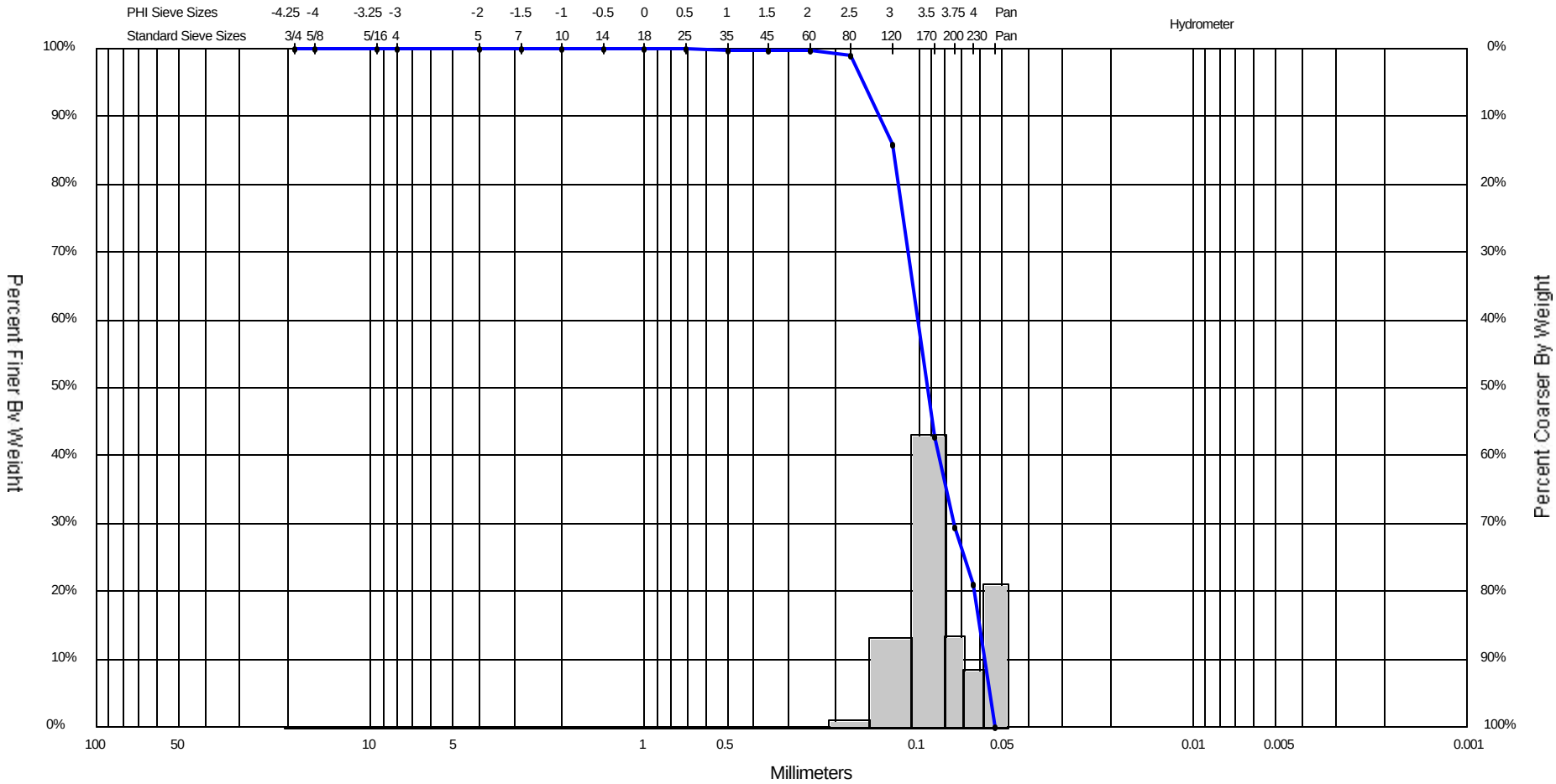

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-17 S#5		-26.9		SM	21.05	0.09	0.09	-0.07	1.35	0.58
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/18/02
Analyzed By:	ID
Easting (X):	3761675
Northing (Y):	293370
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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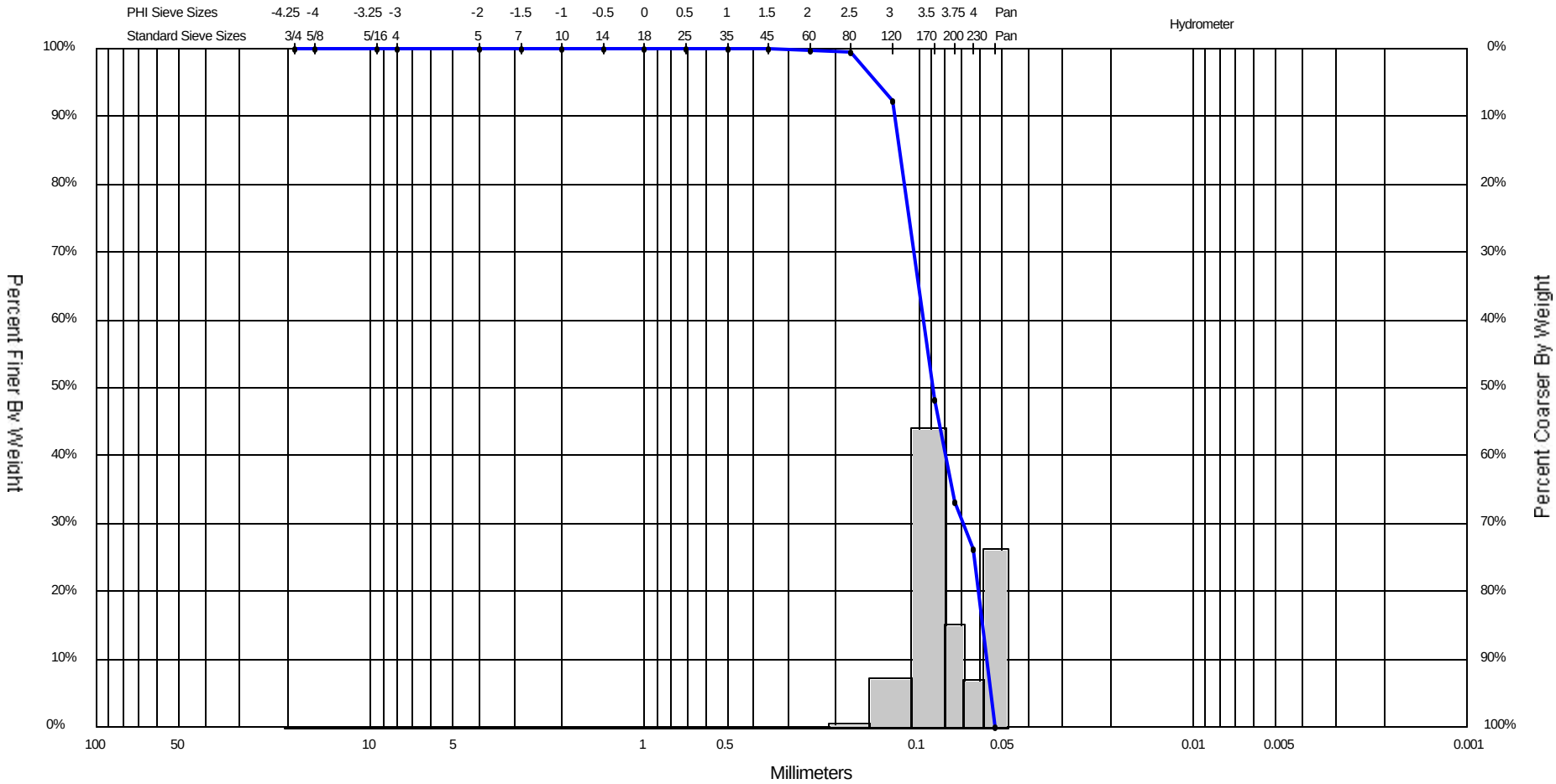

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-17 S#6		-28.2	multiple colors	SM	26.19	0.09	0.08	-0.03	1.22	0.55
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/18/02
Analyzed By:	ID
Easting (X):	3761675
Northing (Y):	293370
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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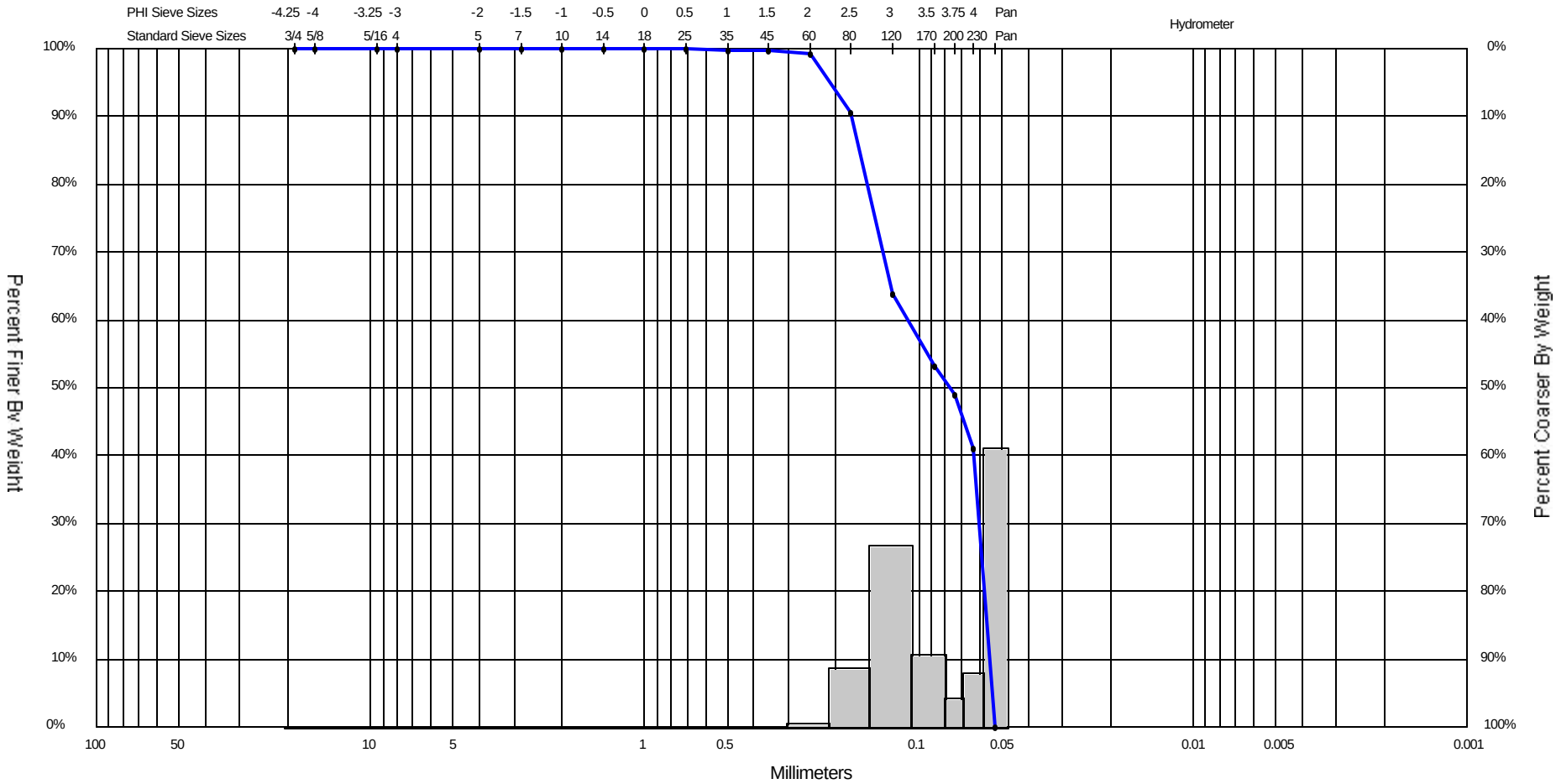

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-17 S#7		-29.7		SM	41.12	0.08	0.09	-0.27	1.17	0.83
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/18/02
Analyzed By:	ID
Easting (X):	3761675
Northing (Y):	293370
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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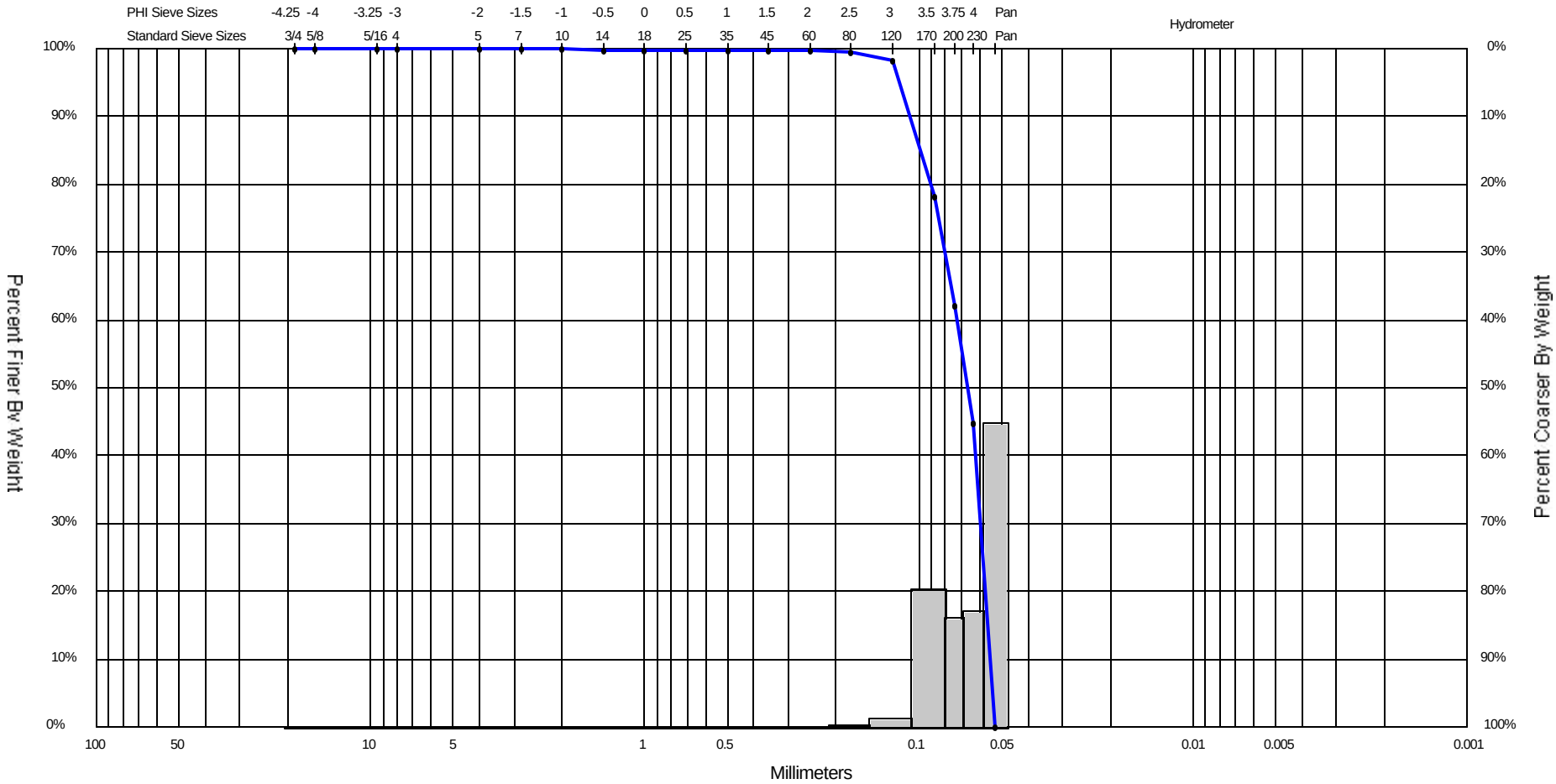

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-18 S#1		-15.5		ML	44.87	0.07	0.07	-0.41	1.42	0.45
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/30/02
Analyzed By:	ID
Easting (X):	3759626
Northing (Y):	291481
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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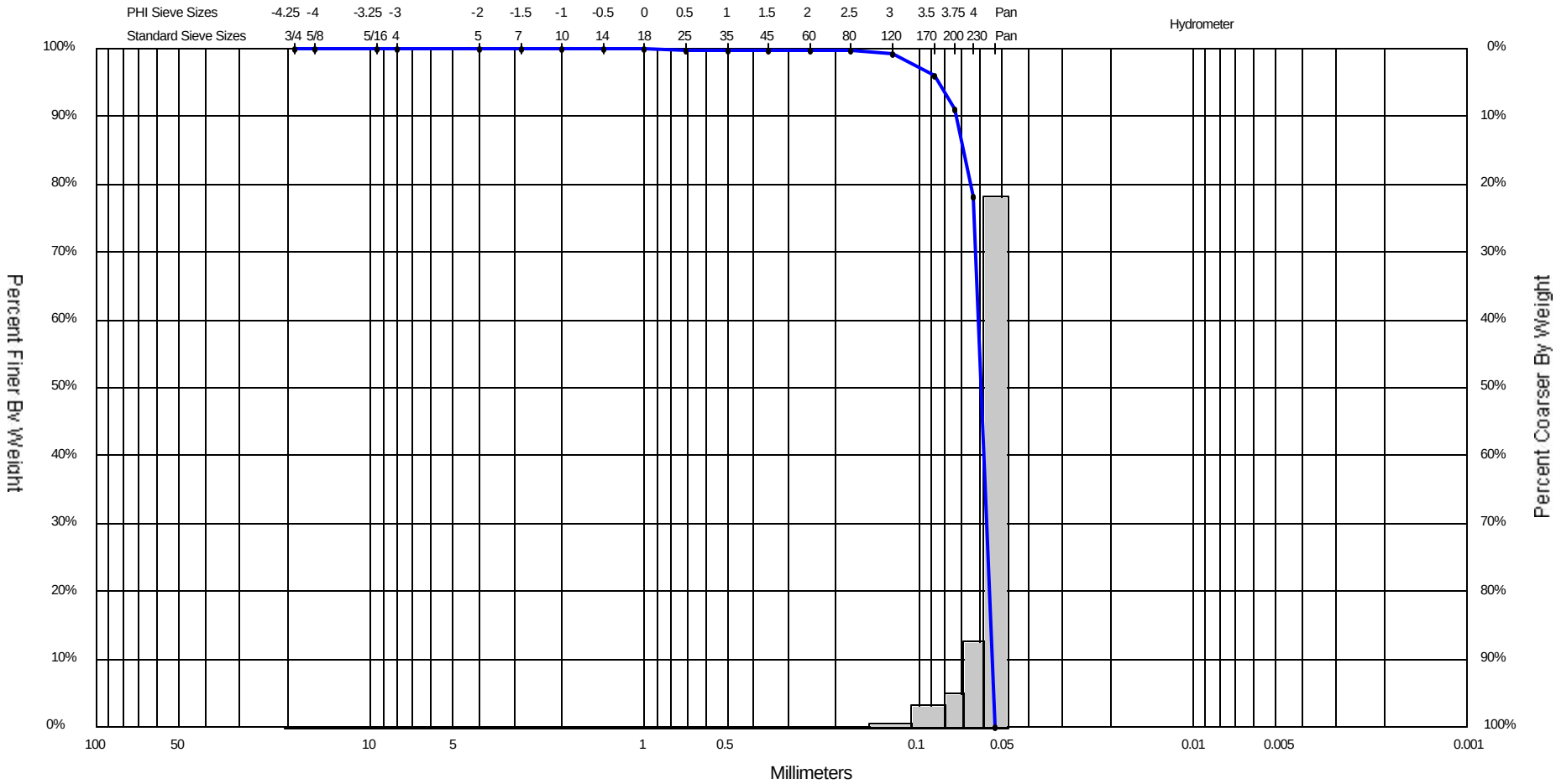

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-18 S#3		-16.4		ML	78.33	0.06	0.06	-1.06	2.68	0.24
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/30/02
Analyzed By:	ID
Easting (X):	3759626
Northing (Y):	291481
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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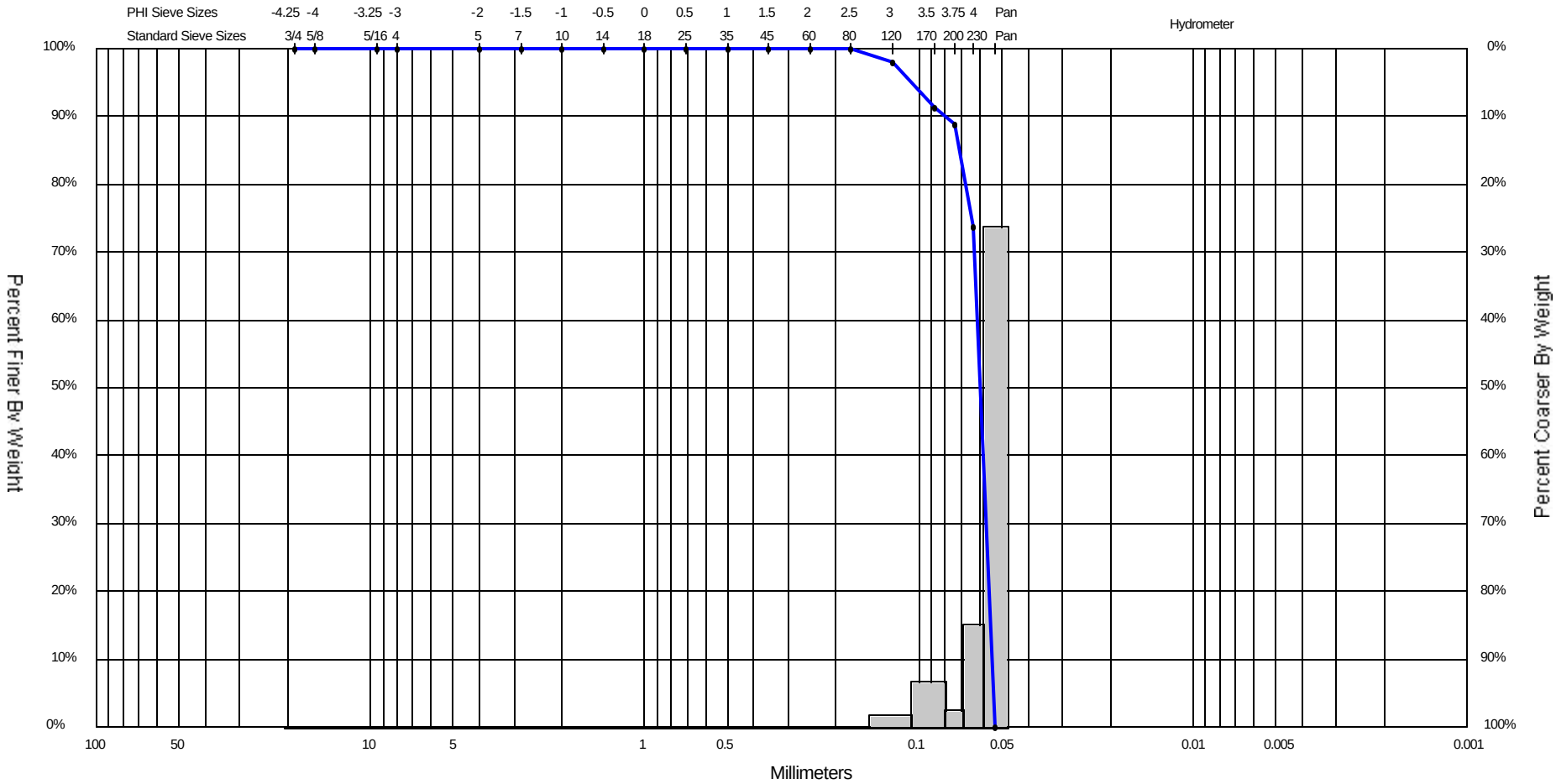

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-18 S#5		-21.7		ML	73.81	0.06	0.06	-1.34	3.25	0.35
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/30/02
Analyzed By:	ID
Easting (X):	3759626
Northing (Y):	291481
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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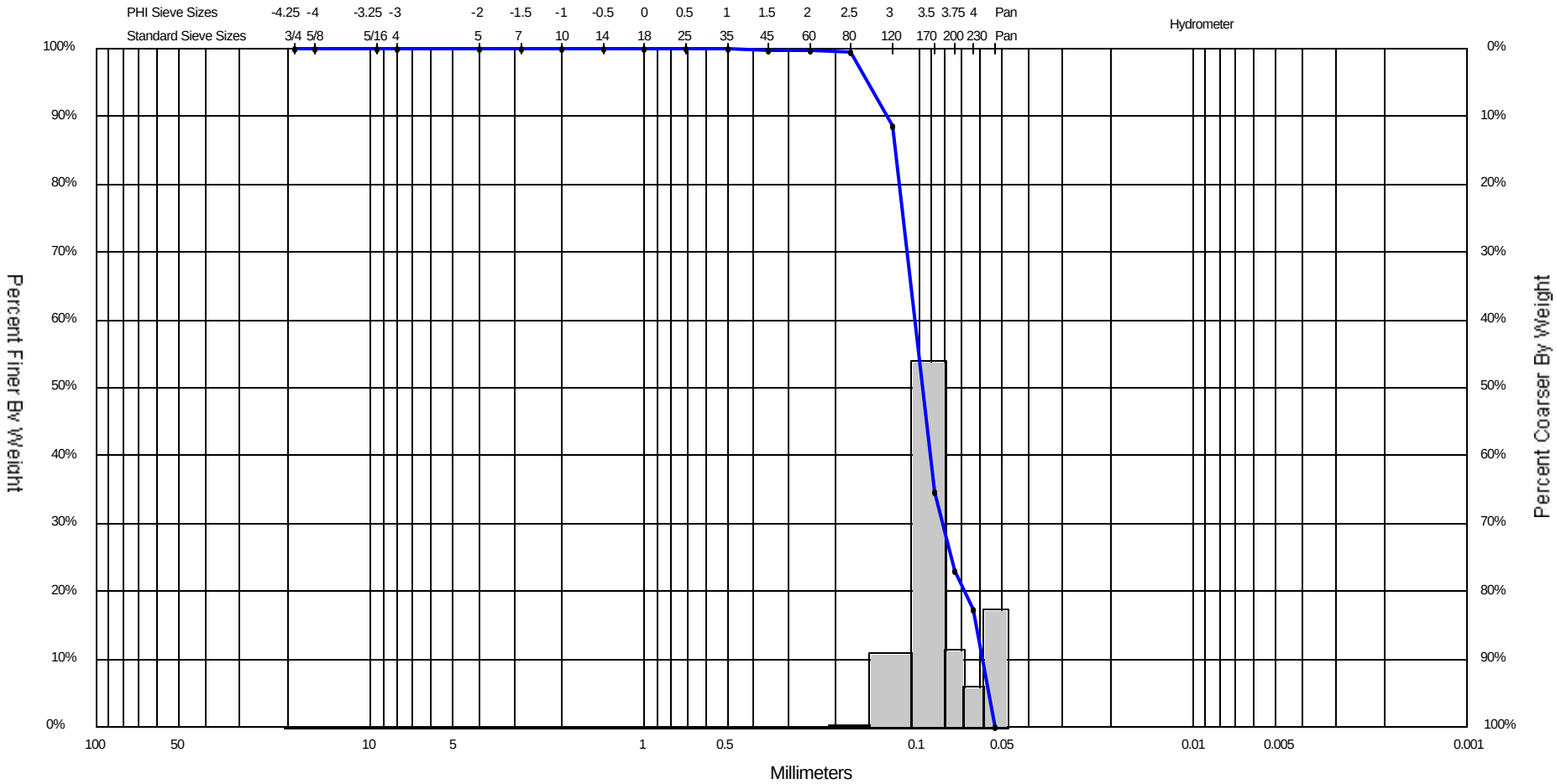

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-18 S#6		-27.2		SM	17.29	0.10	0.09	0.09	1.43	0.54
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/30/02
Analyzed By:	ID
Easting (X):	3759626
Northing (Y):	291481
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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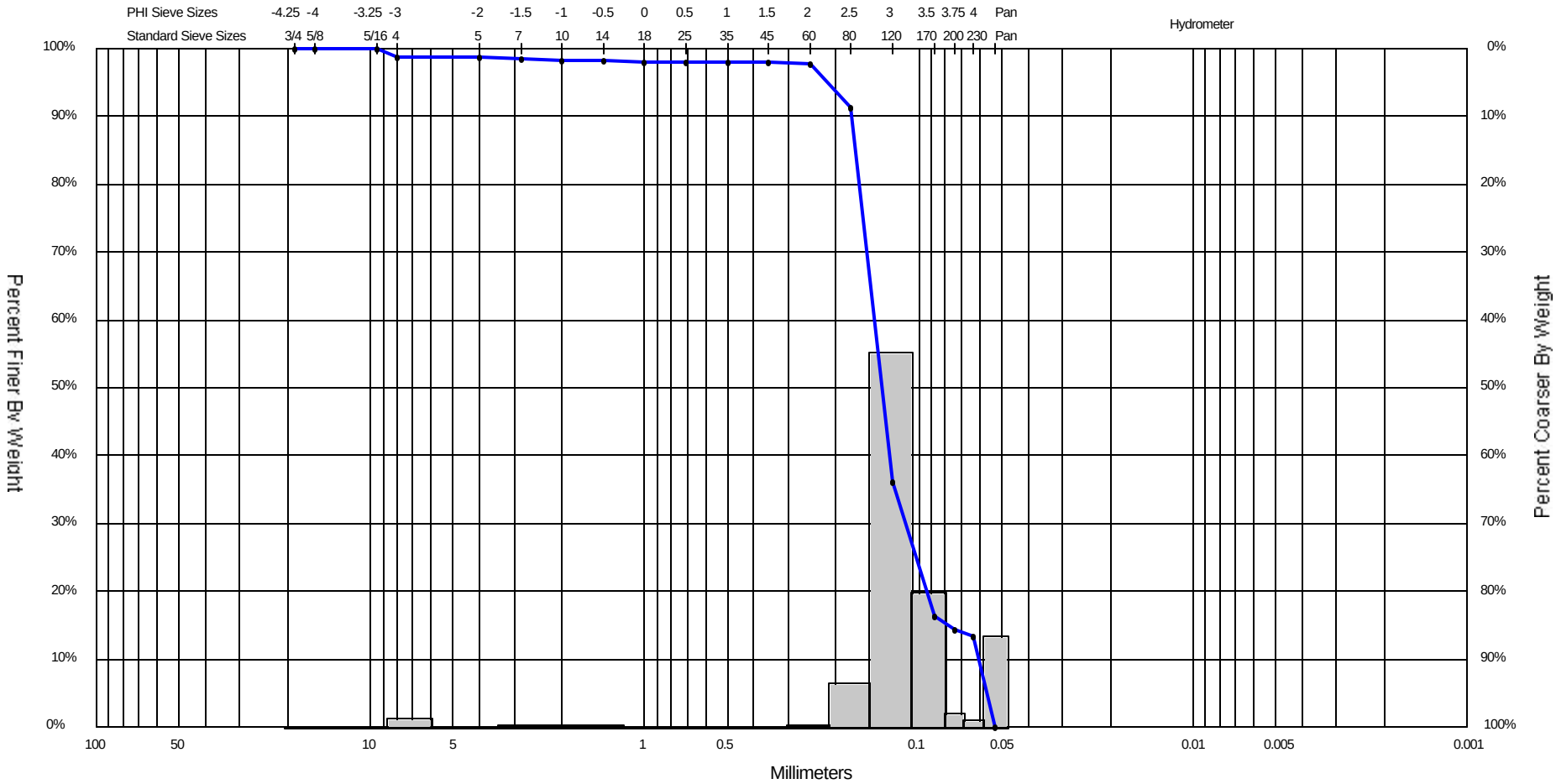

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-18A S#1		-33		SM	13.37	0.14	0.12	0.46	1.86	0.66
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	9/30/02
Analyzed By:	ID
Easting (X):	3759626
Northing (Y):	291476
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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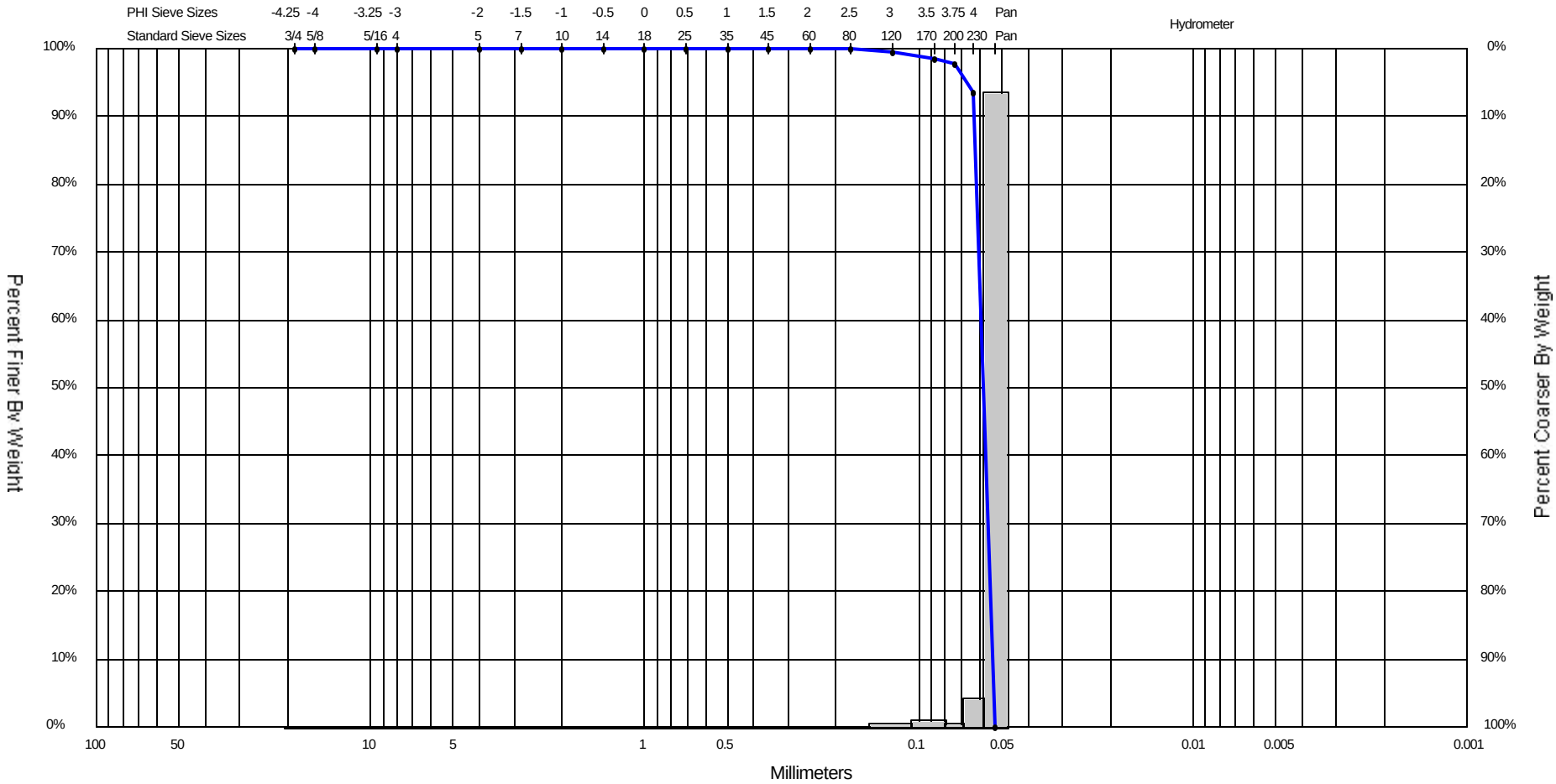

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-20 S#2		-21.9		ML	93.52	0.06	0.06	-0.40	1.71	0.12
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/21/02
Analyzed By:	ID
Easting (X):	3760580
Northing (Y):	291513
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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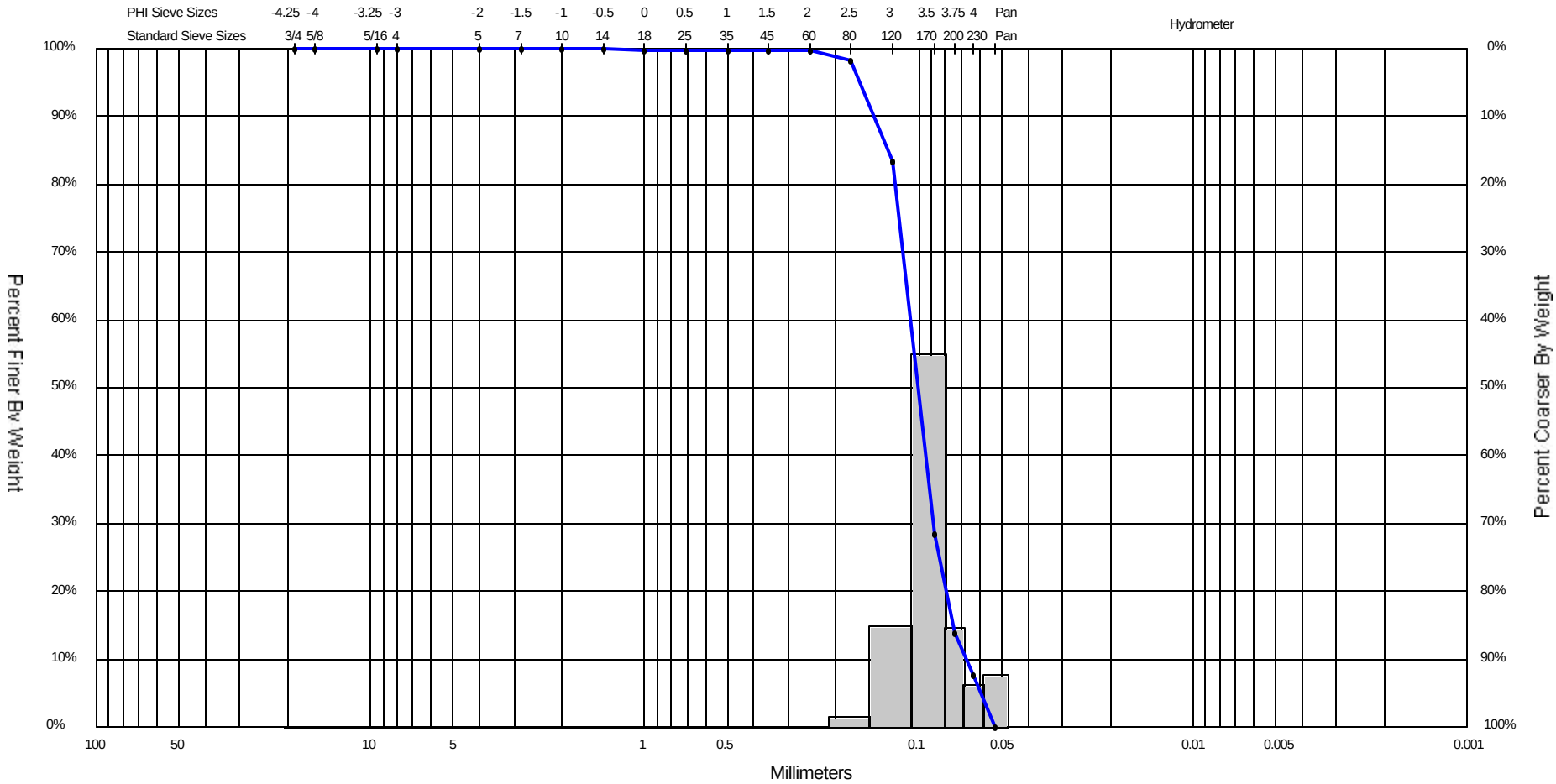

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-20 S#3		-24.9		SM	7.65	0.10	0.10	0.08	1.76	0.50
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/21/02
Analyzed By:	ID
Easting (X):	3760580
Northing (Y):	291513
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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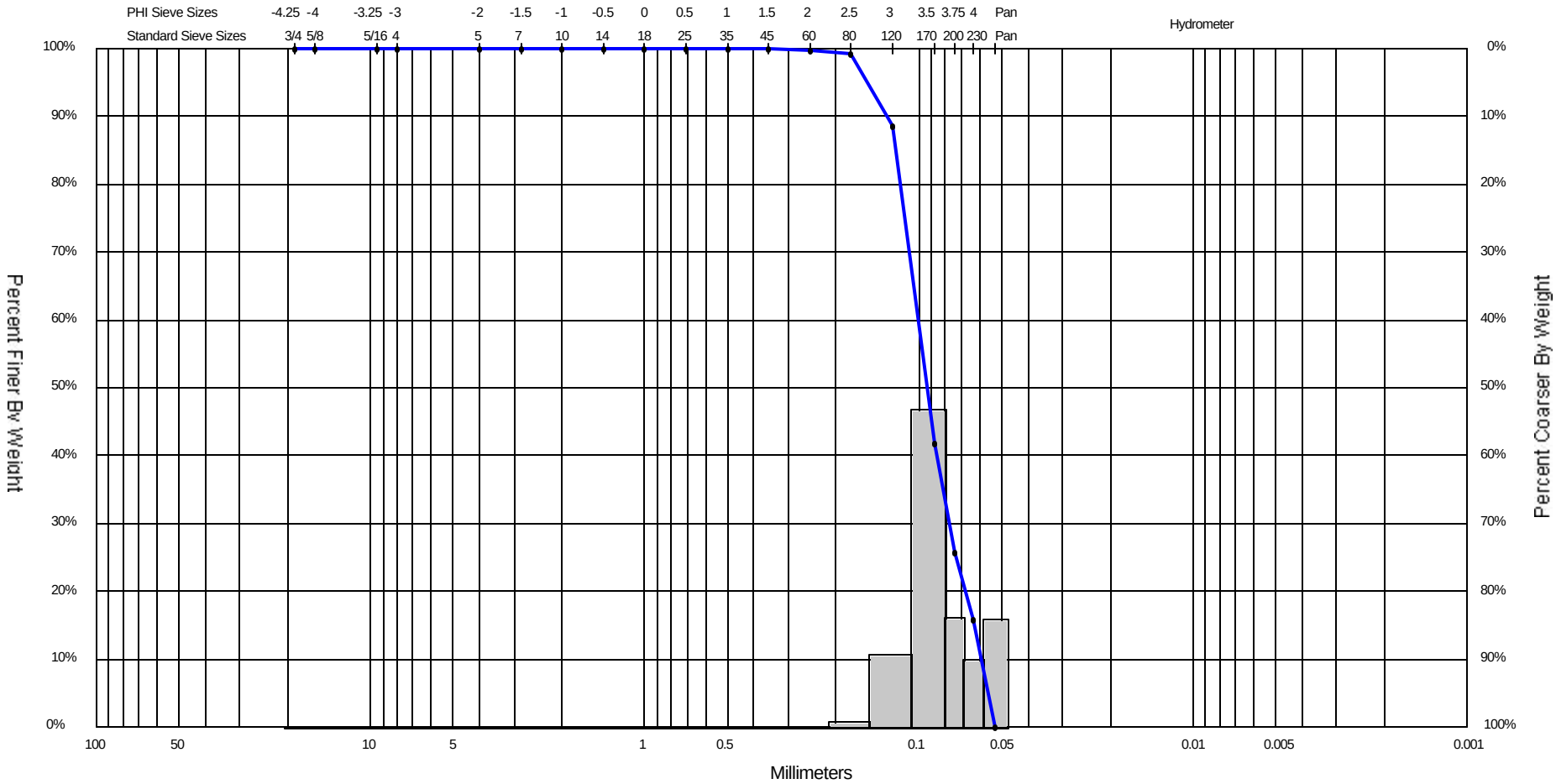

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-20 S#4		-27.9		SM	15.94	0.09	0.09	-0.02	1.43	0.54
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3760580
Northing (Y):	291513
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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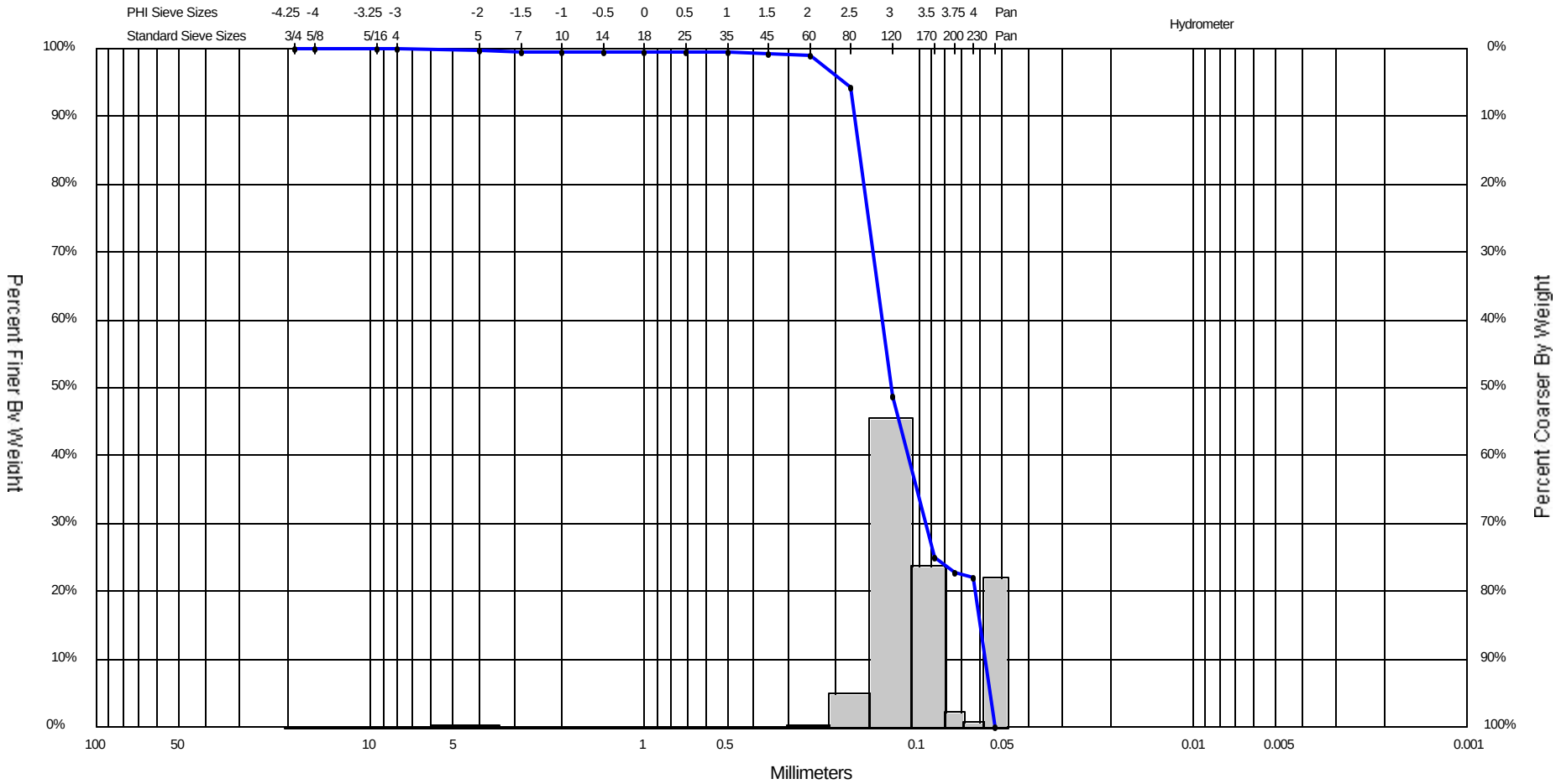

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-20 S#5		-31.8		SM	22.04	0.13	0.11	0.34	1.31	0.72
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3760580
Northing (Y):	291513
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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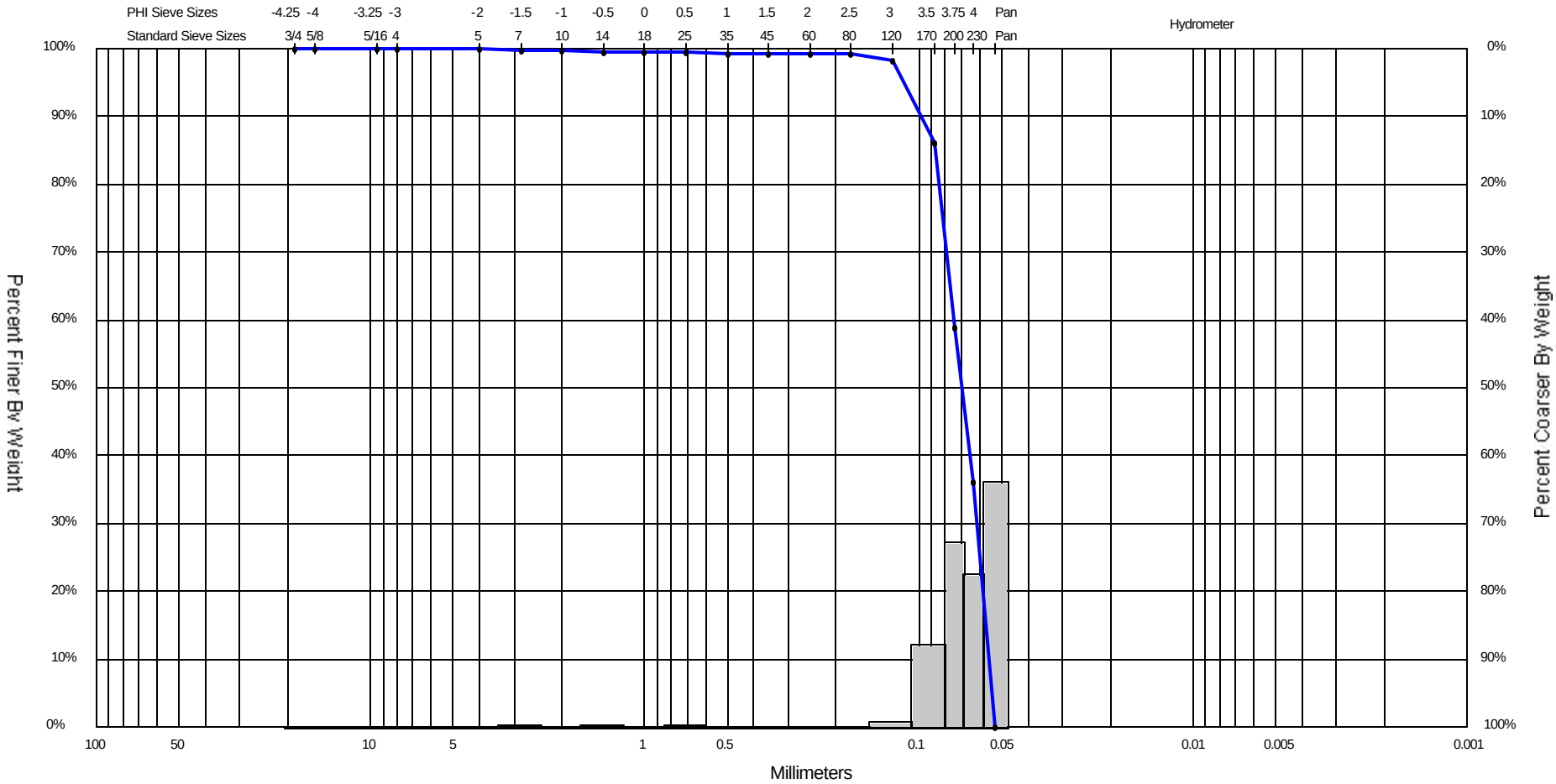

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-22 S#2		-17.2		ML	36.16	0.07	0.07	-0.45	1.71	0.39
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/07/02
Analyzed By:	ID
Easting (X):	3762661
Northing (Y):	293301
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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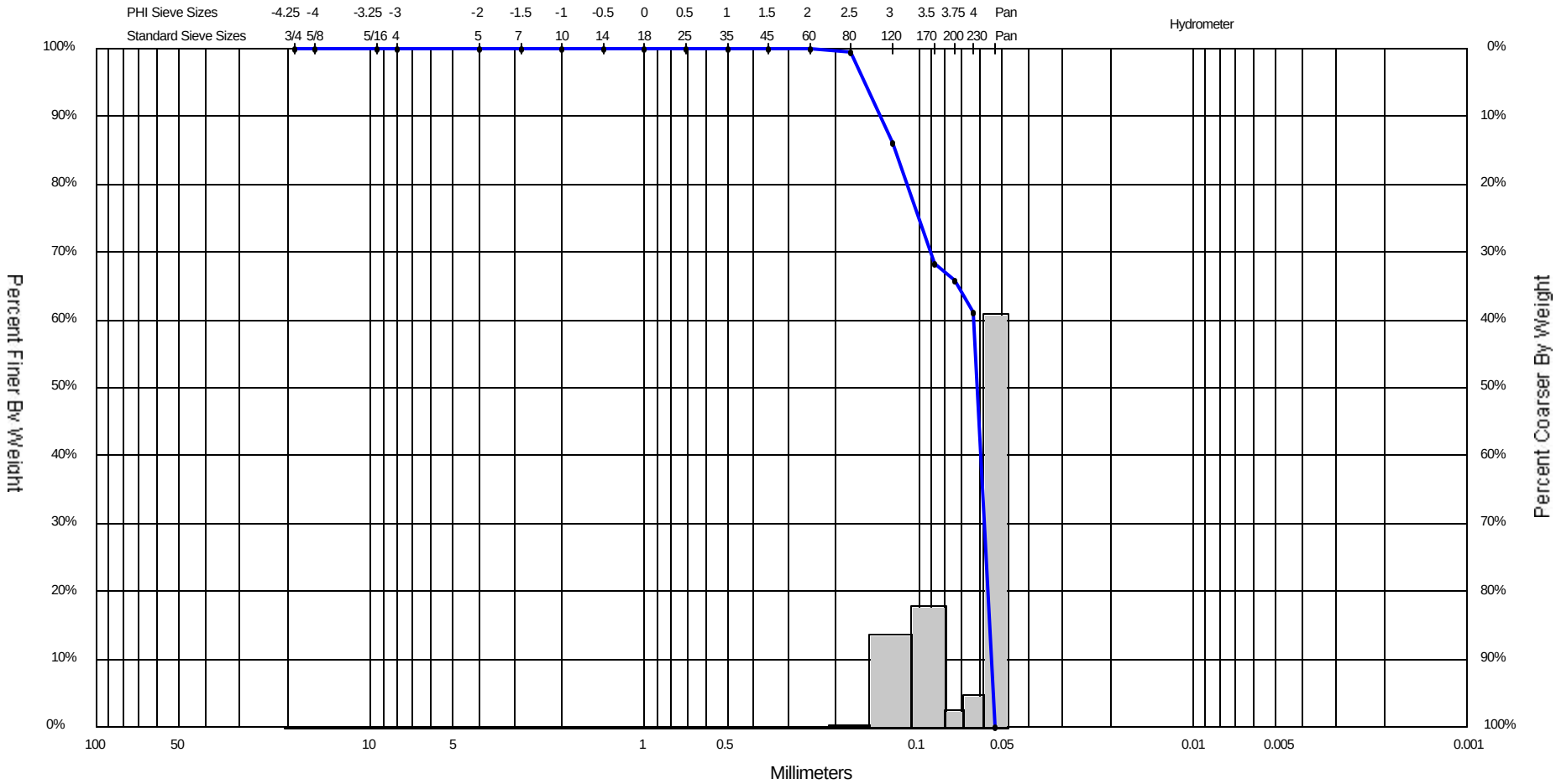

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-22 S#3		-22.1		ML	61.05	0.06	0.08	-0.48	1.38	0.64
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/07/02
Analyzed By:	ID
Easting (X):	3762661
Northing (Y):	293301
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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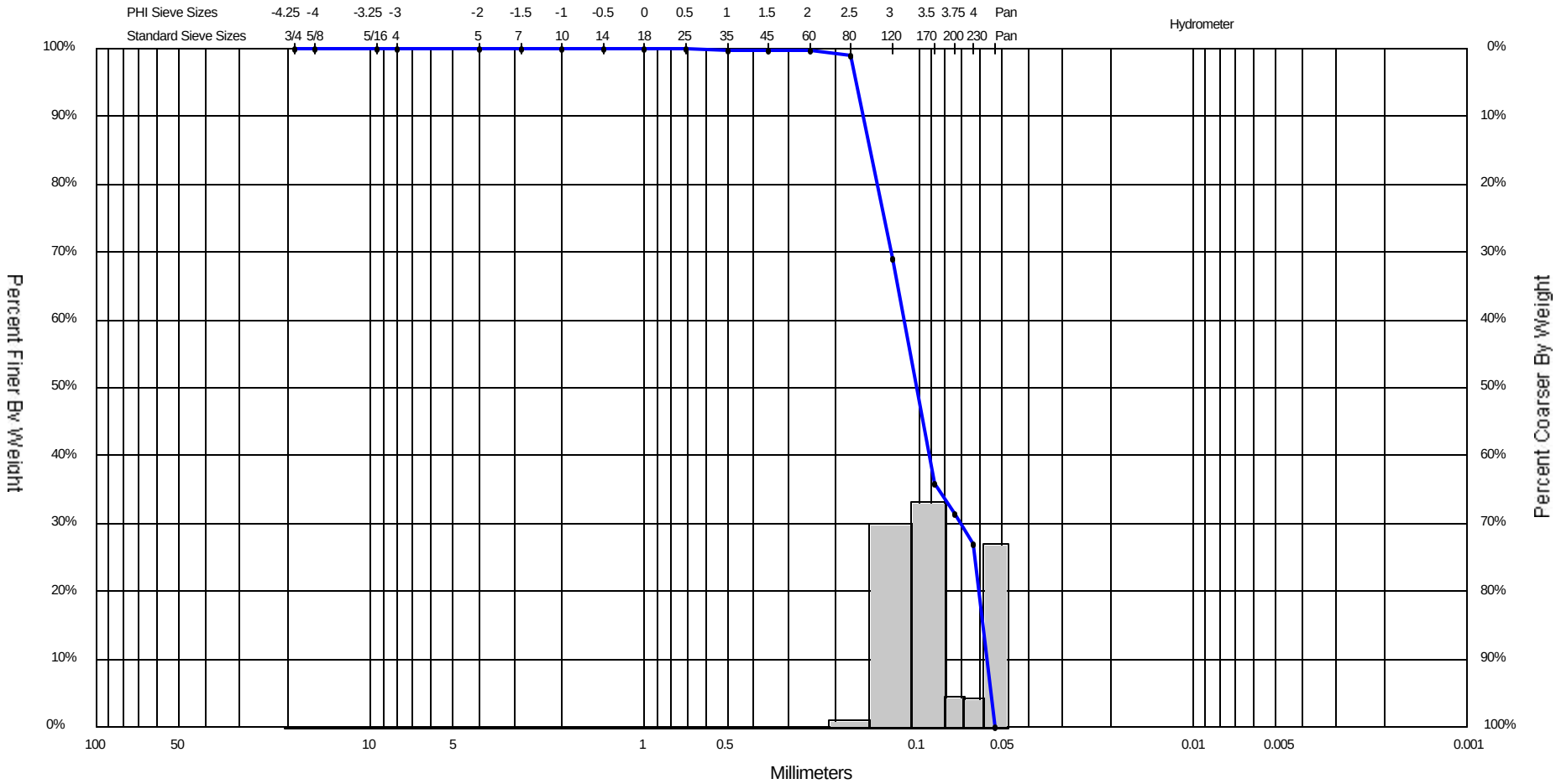

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-22 S#4		-23.6		SM	27.05	0.10	0.09	0.04	1.09	0.70
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/07/02
Analyzed By:	ID
Easting (X):	3762661
Northing (Y):	293301
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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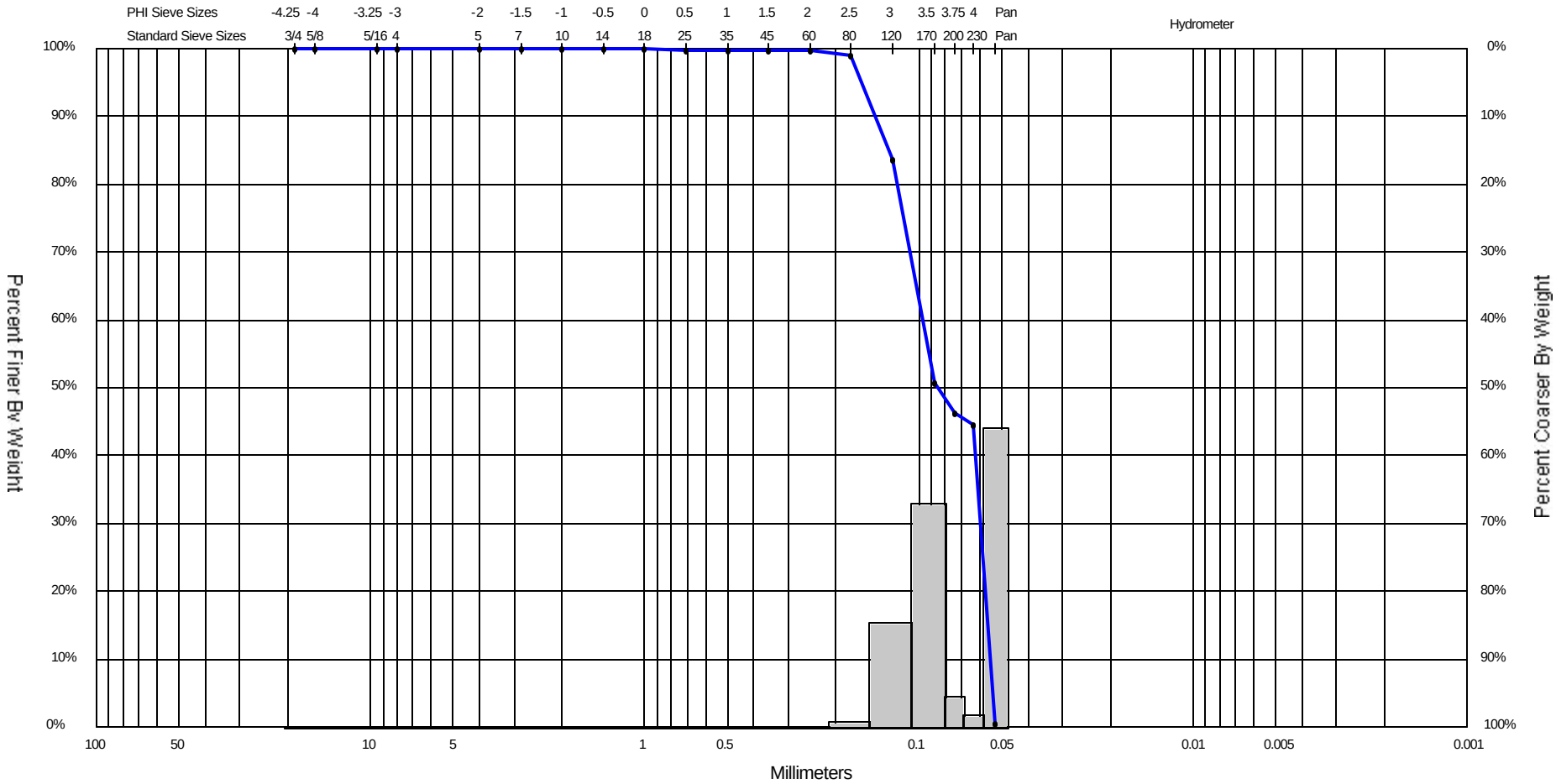

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-22 S#5		-25.6		SM	44.57	0.09	0.09	-0.16	1.25	0.64
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	09/01/02
Analyzed By:	ID
Easting (X):	3762661
Northing (Y):	293301
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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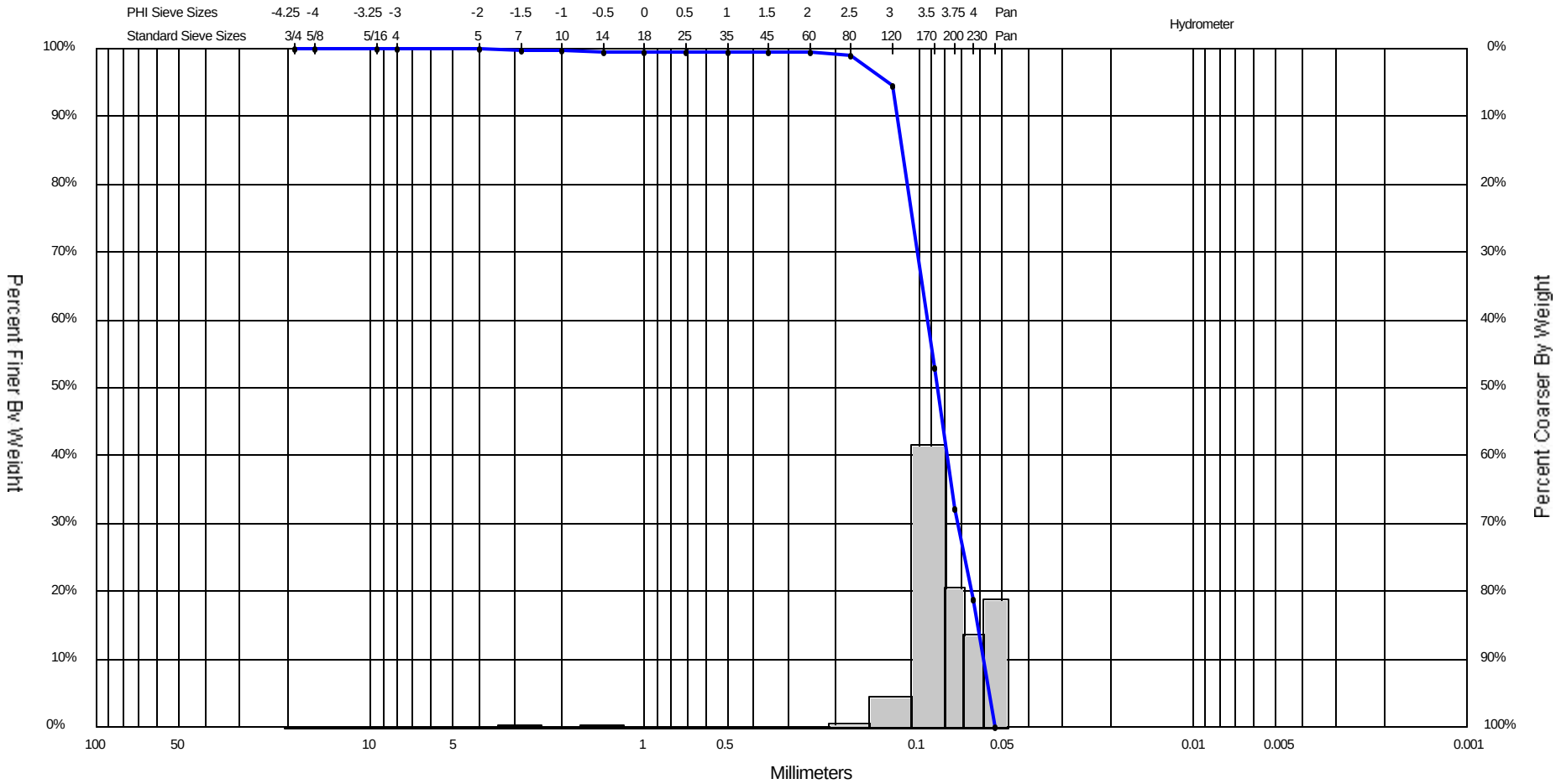

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-22 S#6		-27.8		SM	18.79	0.09	0.08	0.03	1.24	0.48
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/07/02
Analyzed By:	ID
Easting (X):	3762661
Northing (Y):	293301
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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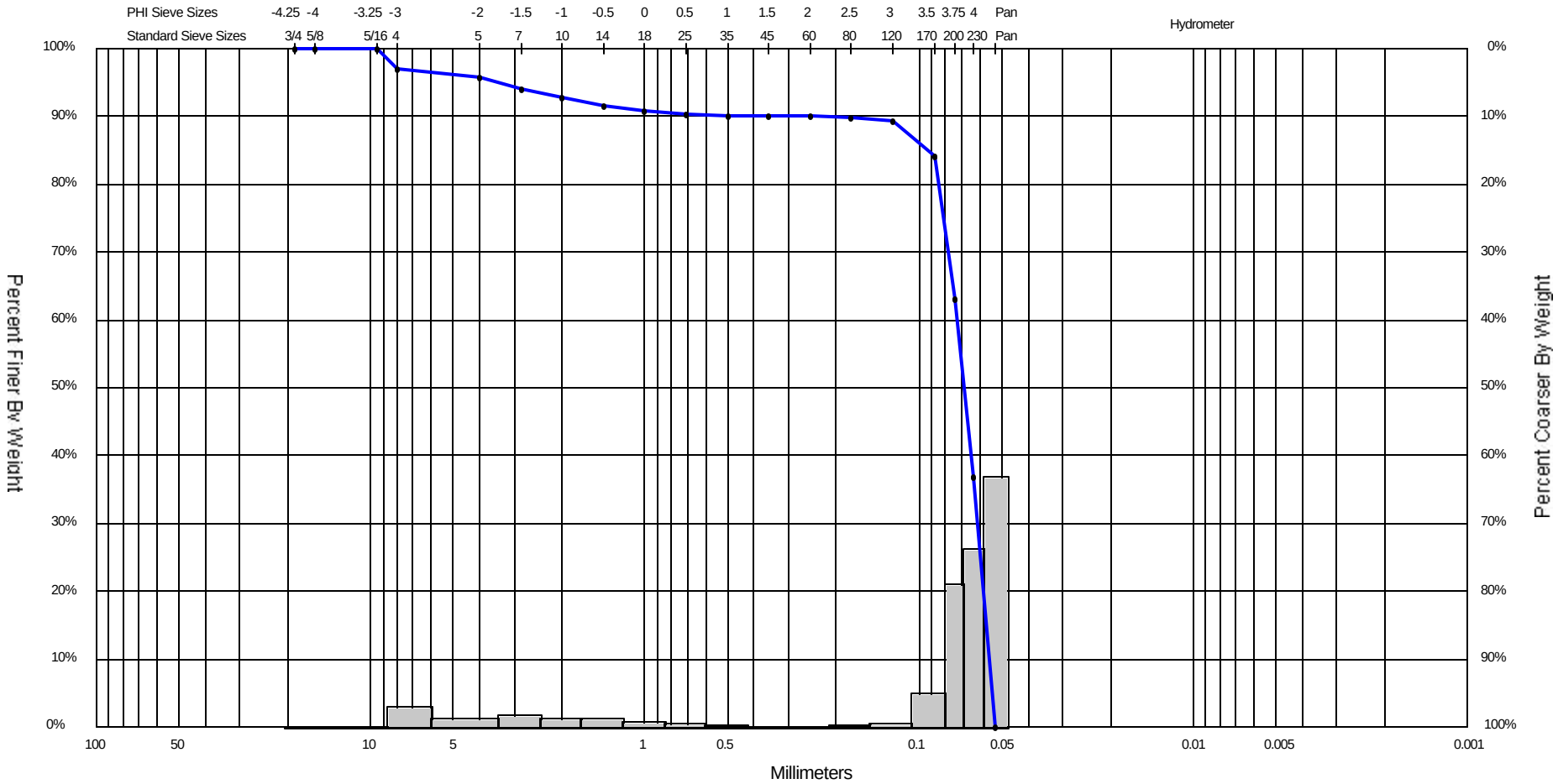

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-22 S#7		-31.6		ML	36.97	0.07	0.12	-1.83	4.30	2.15
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/07/02
Analyzed By:	ID
Easting (X):	3762661
Northing (Y):	293301
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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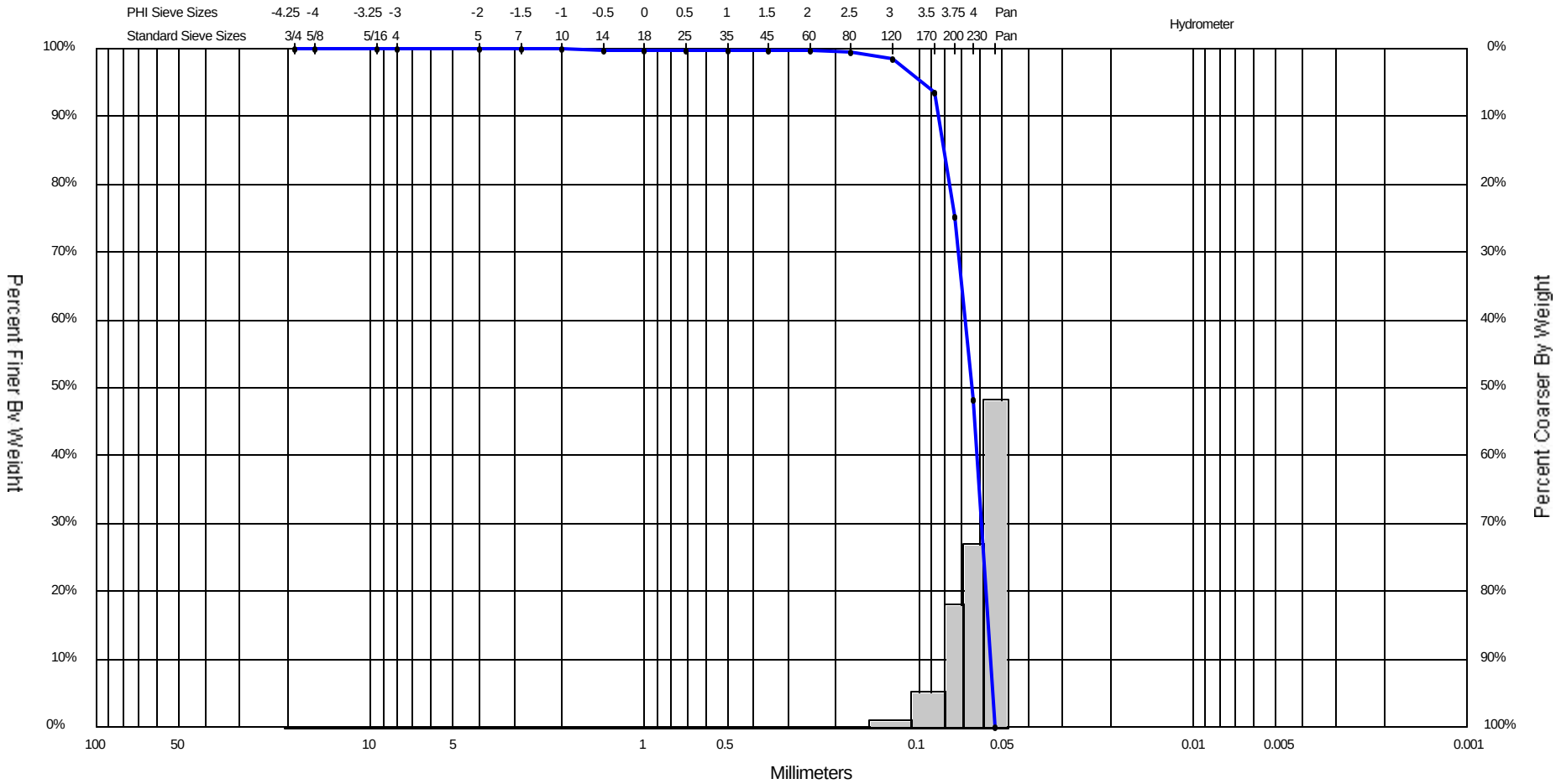

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-23 S#2		-18.5		ML	48.27	0.06	0.07	-0.51	1.68	0.32
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/08/02
Analyzed By:	ID
Easting (X):	3761685
Northing (Y):	294349
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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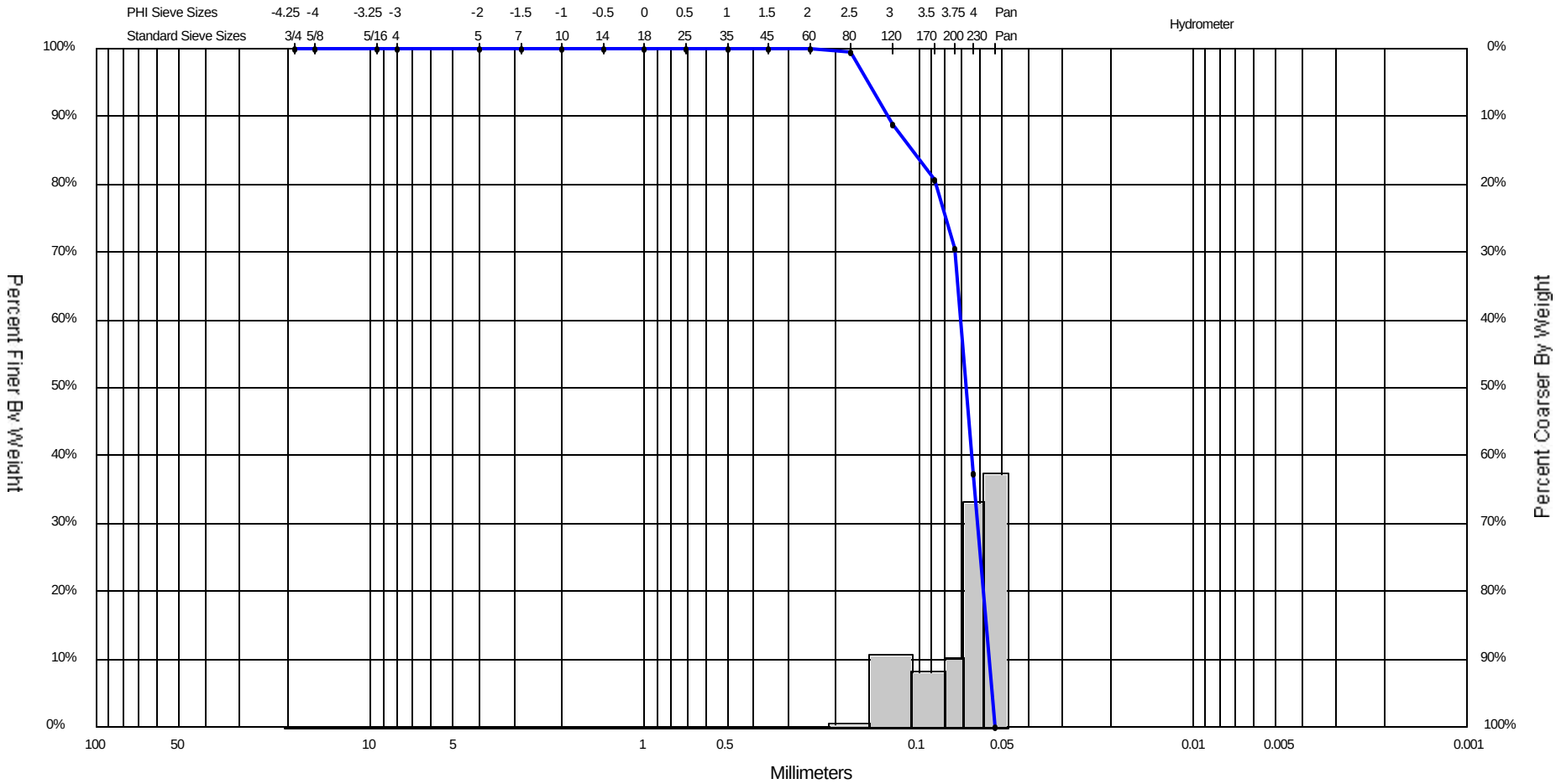

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-23 S#3		-21.5		ML	37.37	0.07	0.08	-0.83	2.15	0.55
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/08/02
Analyzed By:	ID
Easting (X):	3761685
Northing (Y):	294349
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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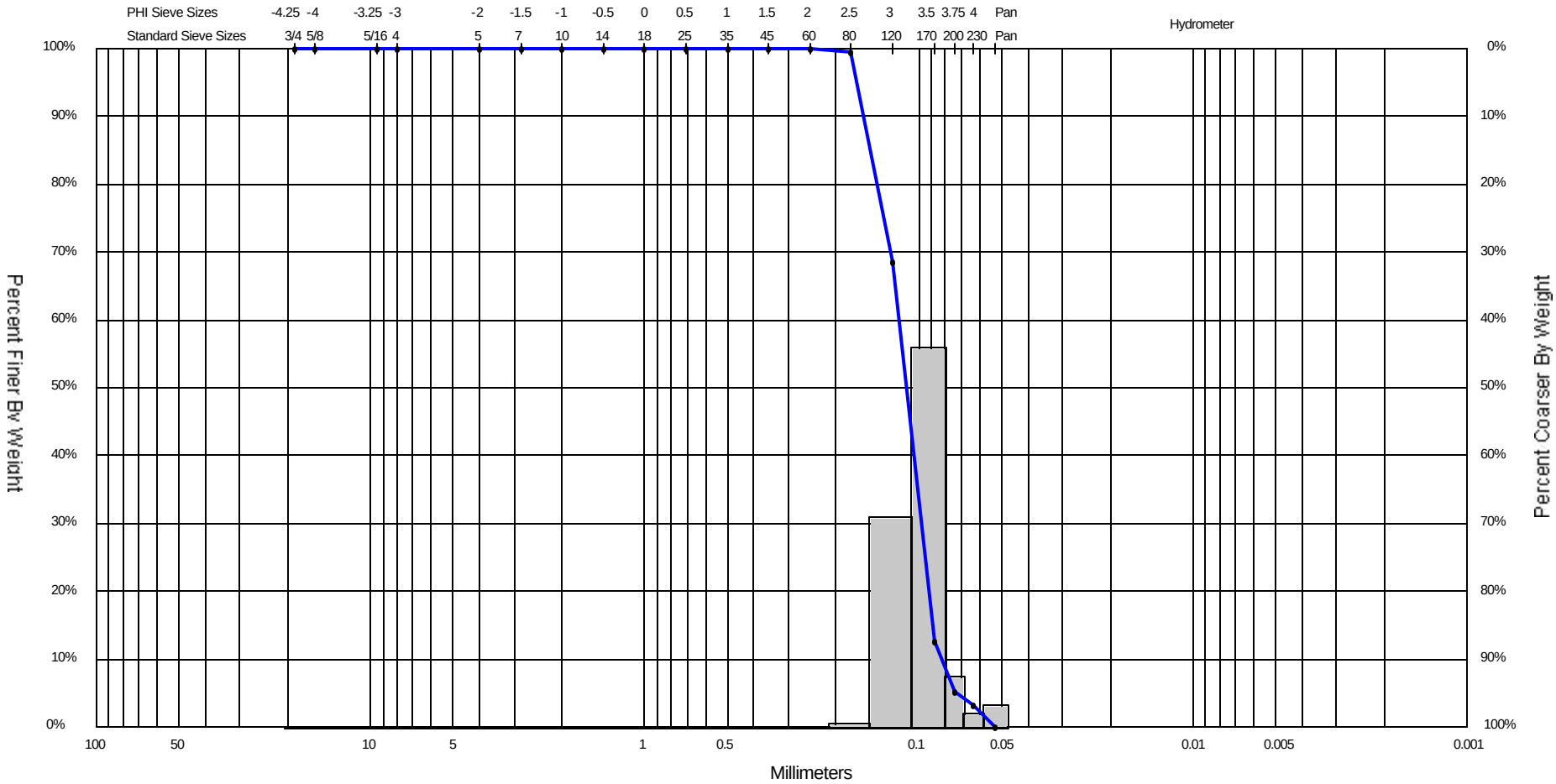

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-23 S#4		-23.5		SW-SM	3.29	0.11	0.11	0.08	1.51	0.43
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3761685
Northing (Y):	294349
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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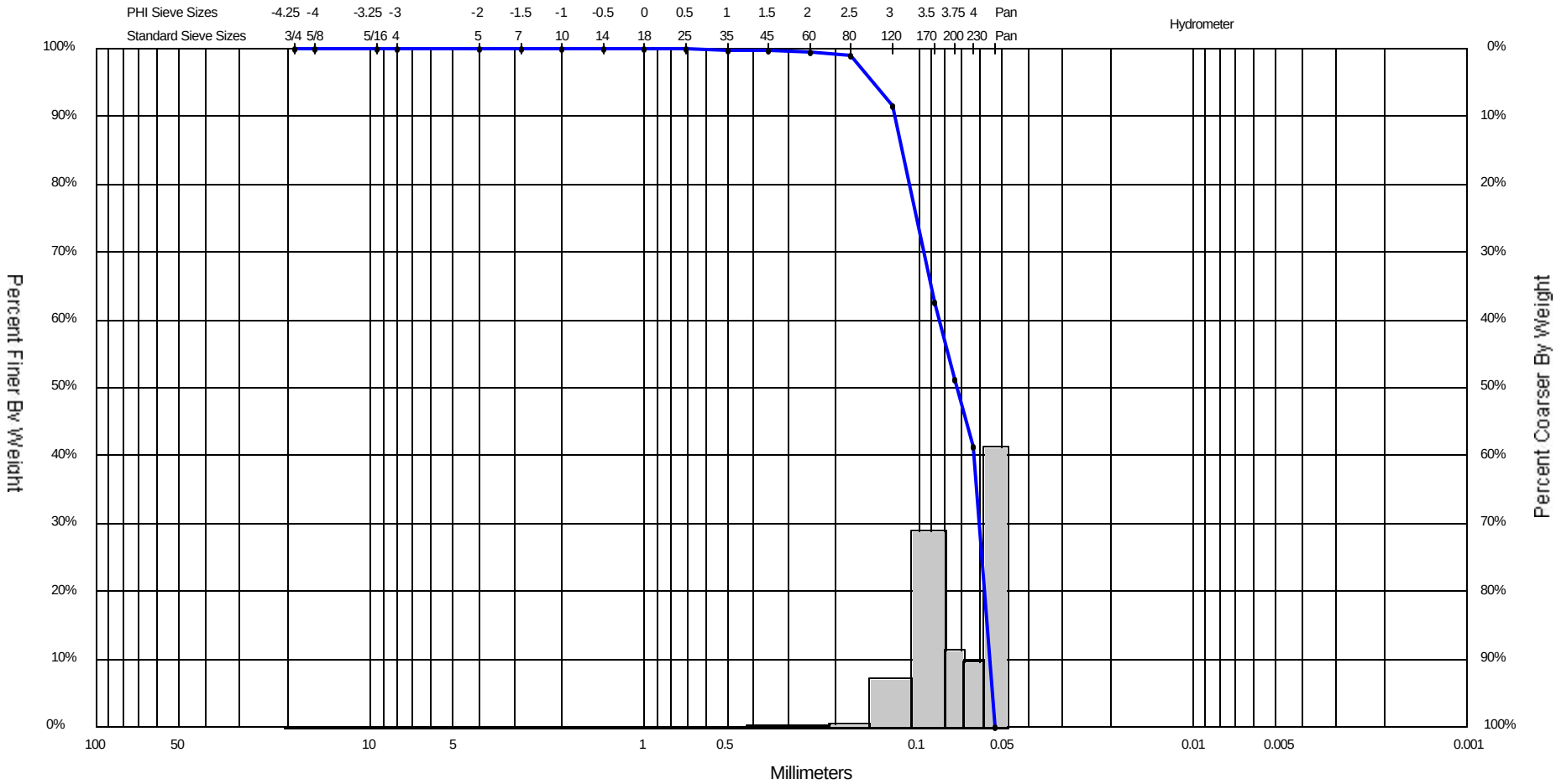

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-23 S#5		-28.6		ML	41.42	0.07	0.08	-0.33	1.35	0.57
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/09/02
Analyzed By:	ID
Easting (X):	3761685
Northing (Y):	294349
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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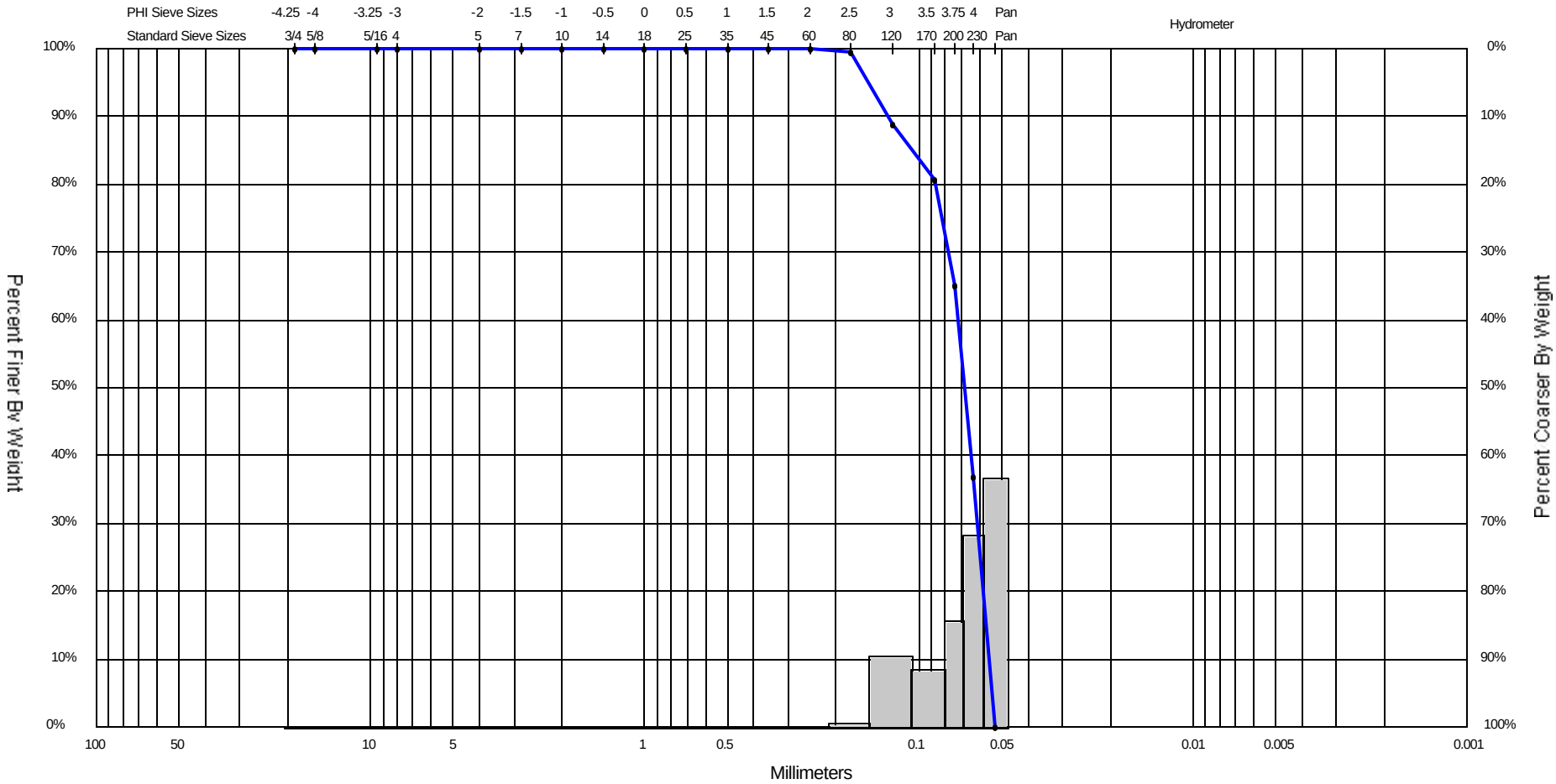

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-24 S#2		-22.3		ML	36.79	0.07	0.08	-0.78	2.09	0.55
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3762141
Northing (Y):	292403
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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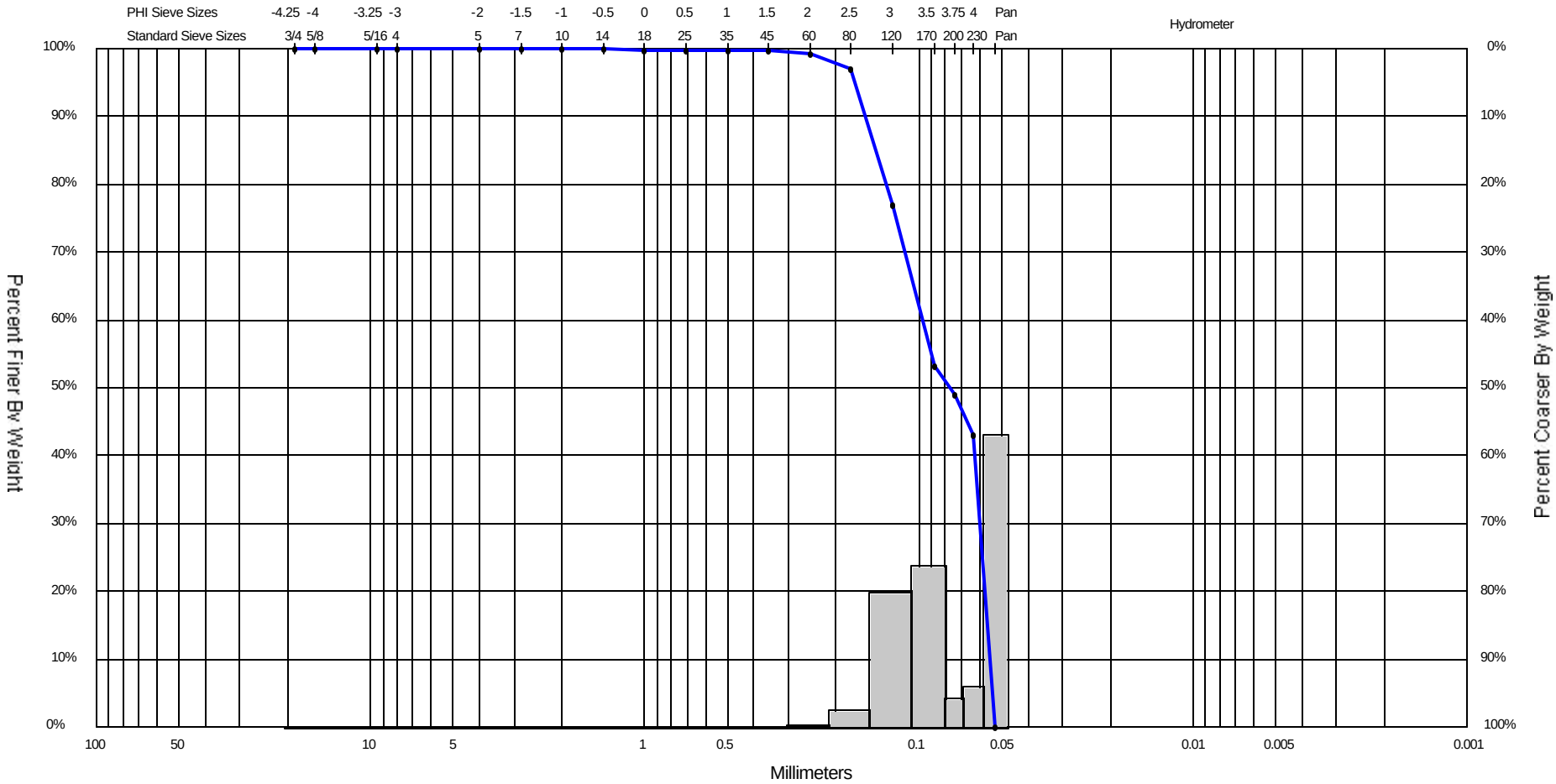

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-24 S#3		-23.6		SM	43.10	0.08	0.09	-0.24	1.18	0.70
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/03/02
Analyzed By:	ID
Easting (X):	3762141
Northing (Y):	292403
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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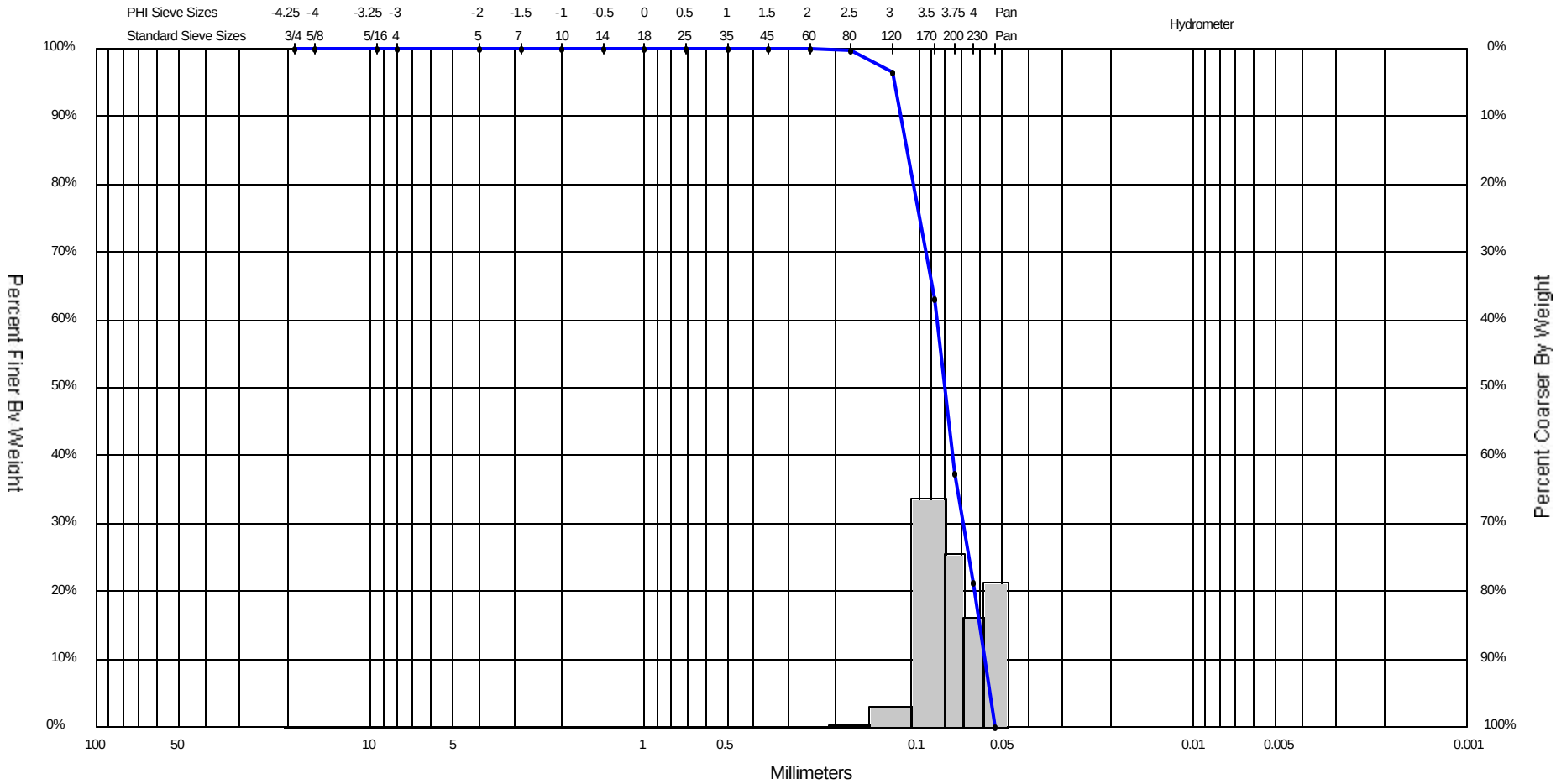

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-24 S#4		-26.8		SM	21.28	0.08	0.08	-0.04	1.23	0.46
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/11/02
Analyzed By:	ID
Easting (X):	3762141
Northing (Y):	292403
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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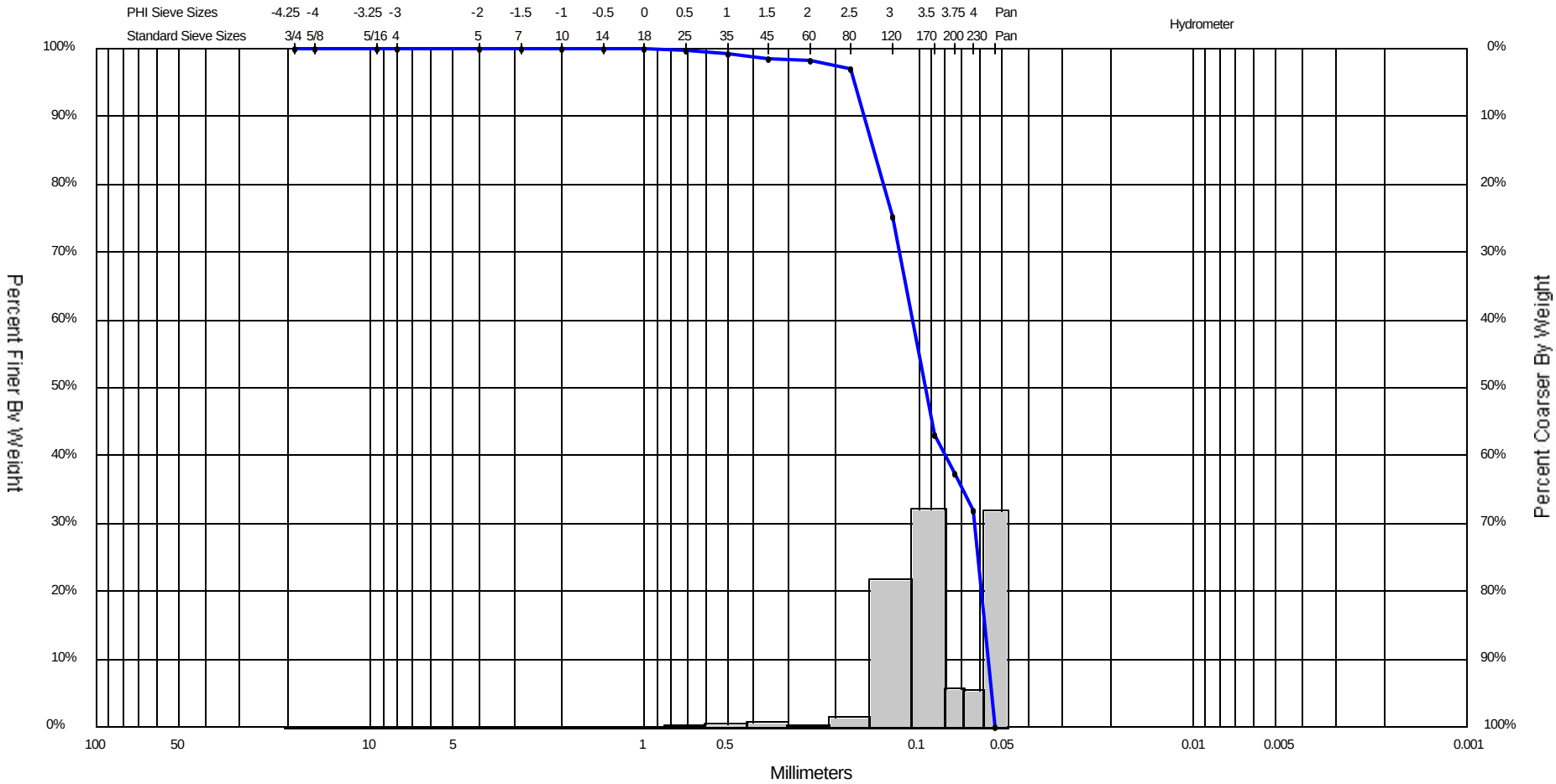

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-24 S#5		-31.2		SM	31.97	0.10	0.09	-0.06	1.16	0.69
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/09/02
Analyzed By:	ID
Easting (X):	3762141
Northing (Y):	292403
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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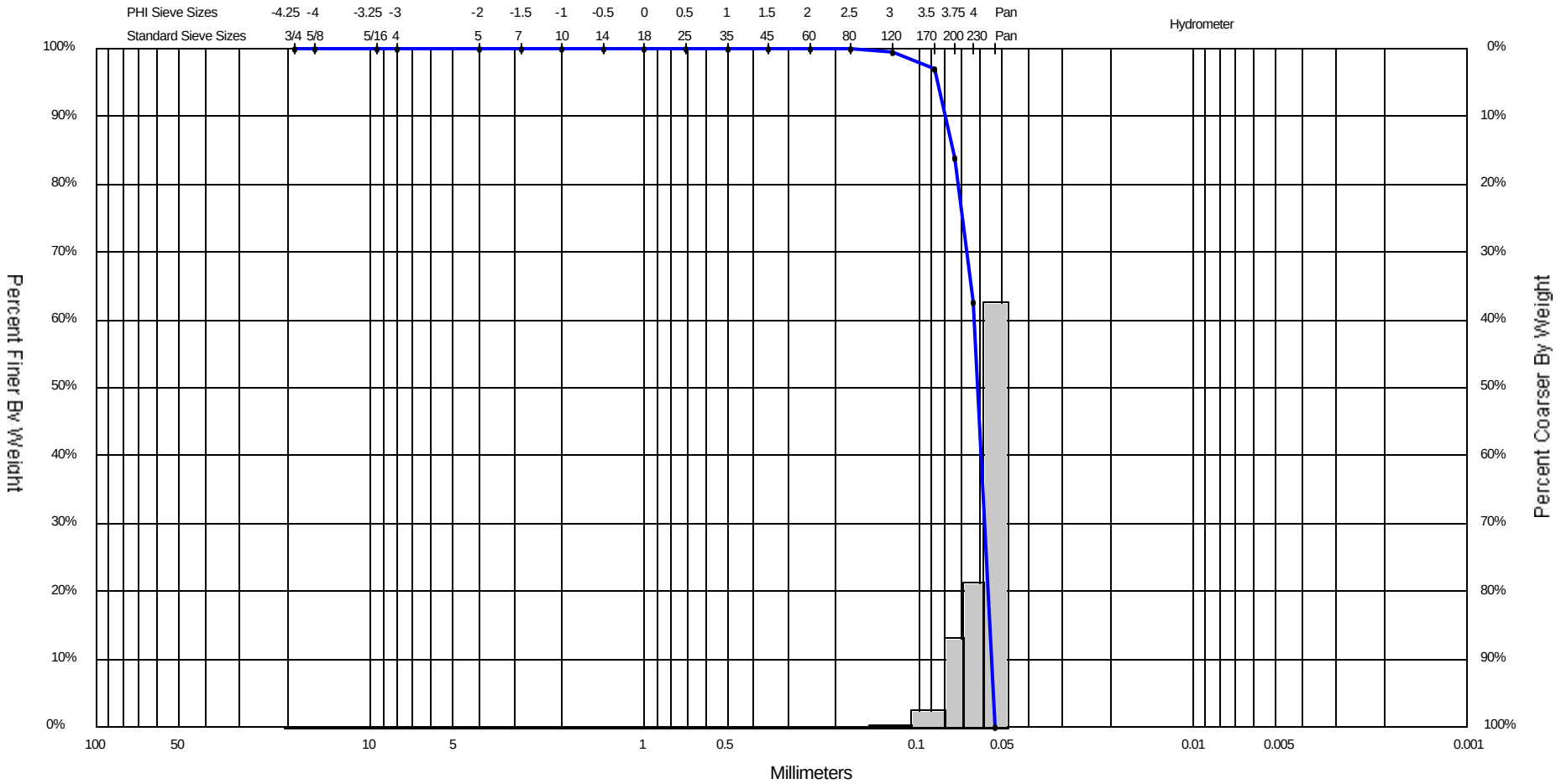

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-25 S#2		-17.8		ML	62.65	0.06	0.06	-0.51	1.64	0.26
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/11/02
Analyzed By:	ID
Easting (X):	3763181
Northing (Y):	293736
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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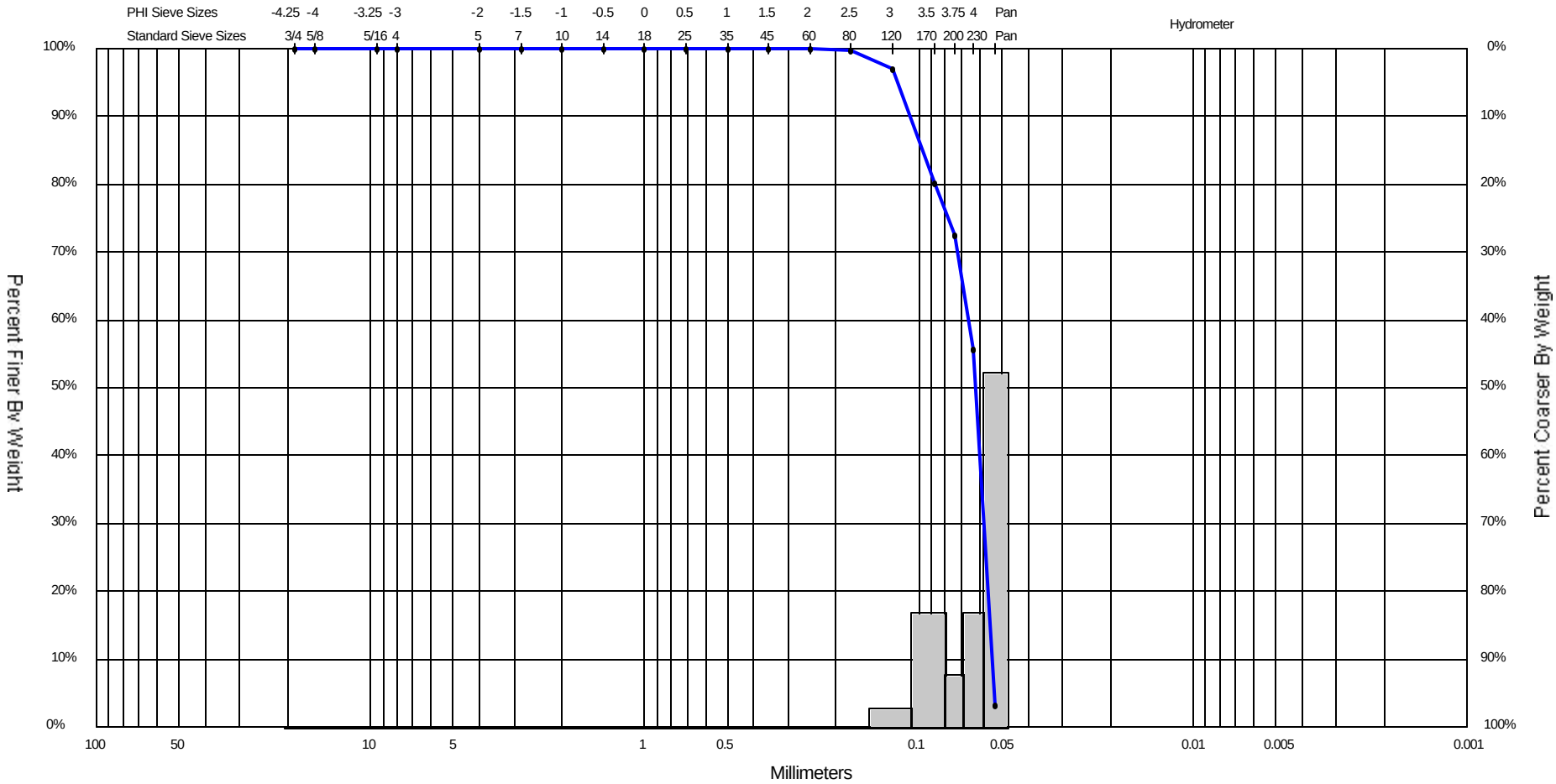

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-25 S#4		-21.1		ML	55.67	0.06	0.07	-0.60	1.64	0.46
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/10/02
Analyzed By:	ID
Easting (X):	3763181
Northing (Y):	293736
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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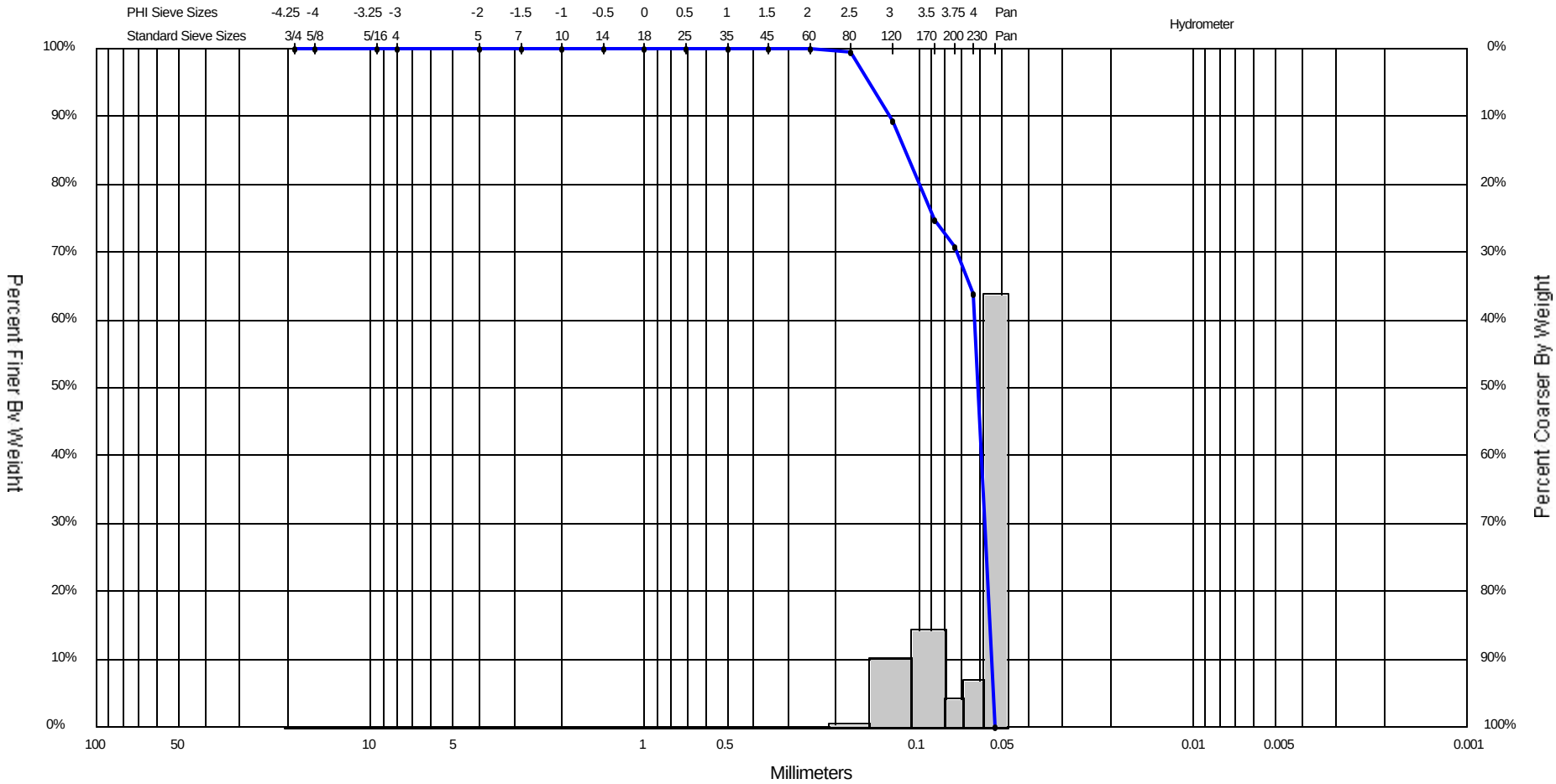

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-25 S#5		-23.3		ML	63.79	0.06	0.08	-0.63	1.66	0.59
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/11/02
Analyzed By:	ID
Easting (X):	3763181
Northing (Y):	293736
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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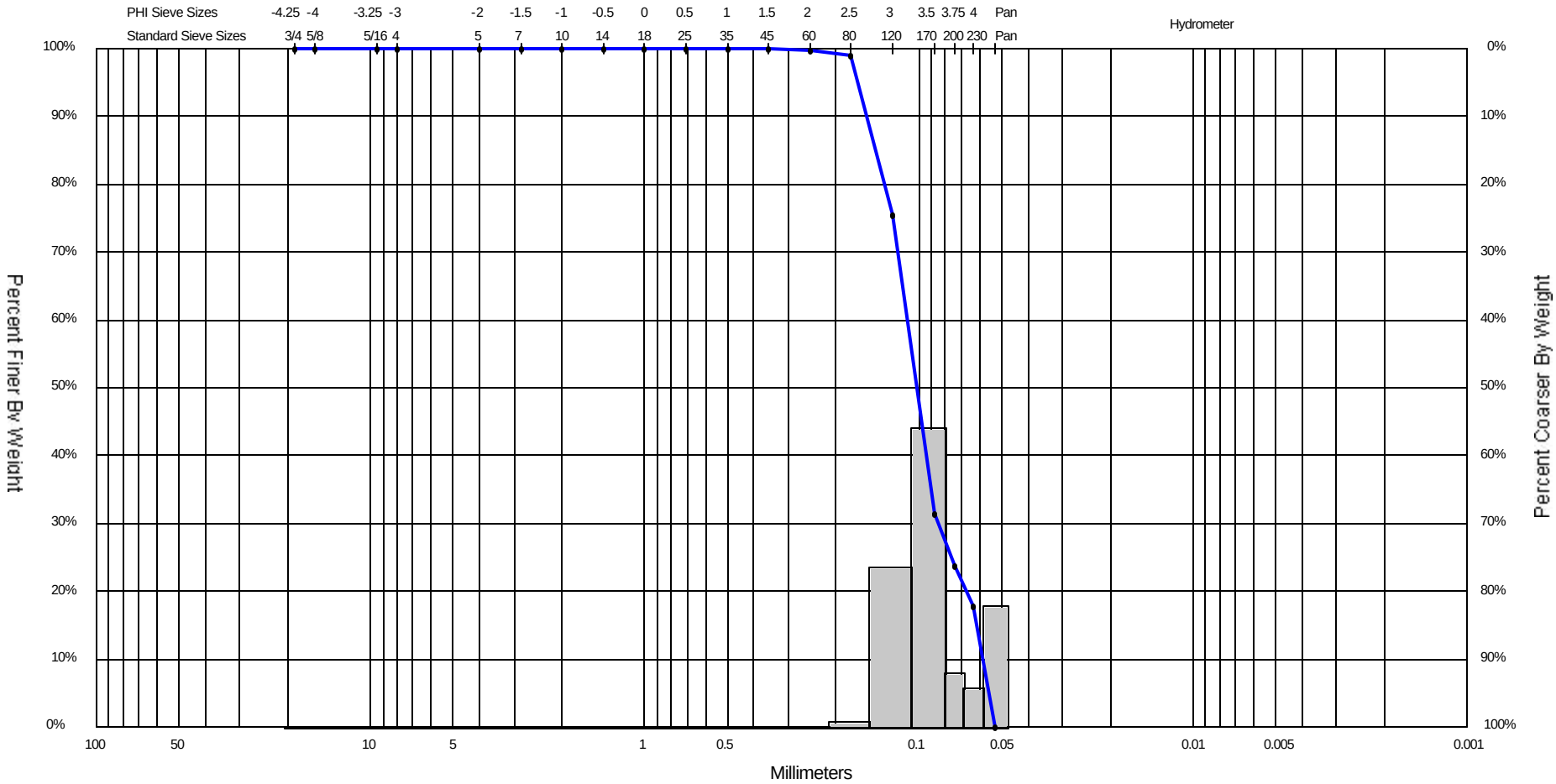

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-25 S#6		-25.3		SM	17.92	0.10	0.10	0.10	1.31	0.61
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/11/02
Analyzed By:	ID
Easting (X):	3763181
Northing (Y):	293736
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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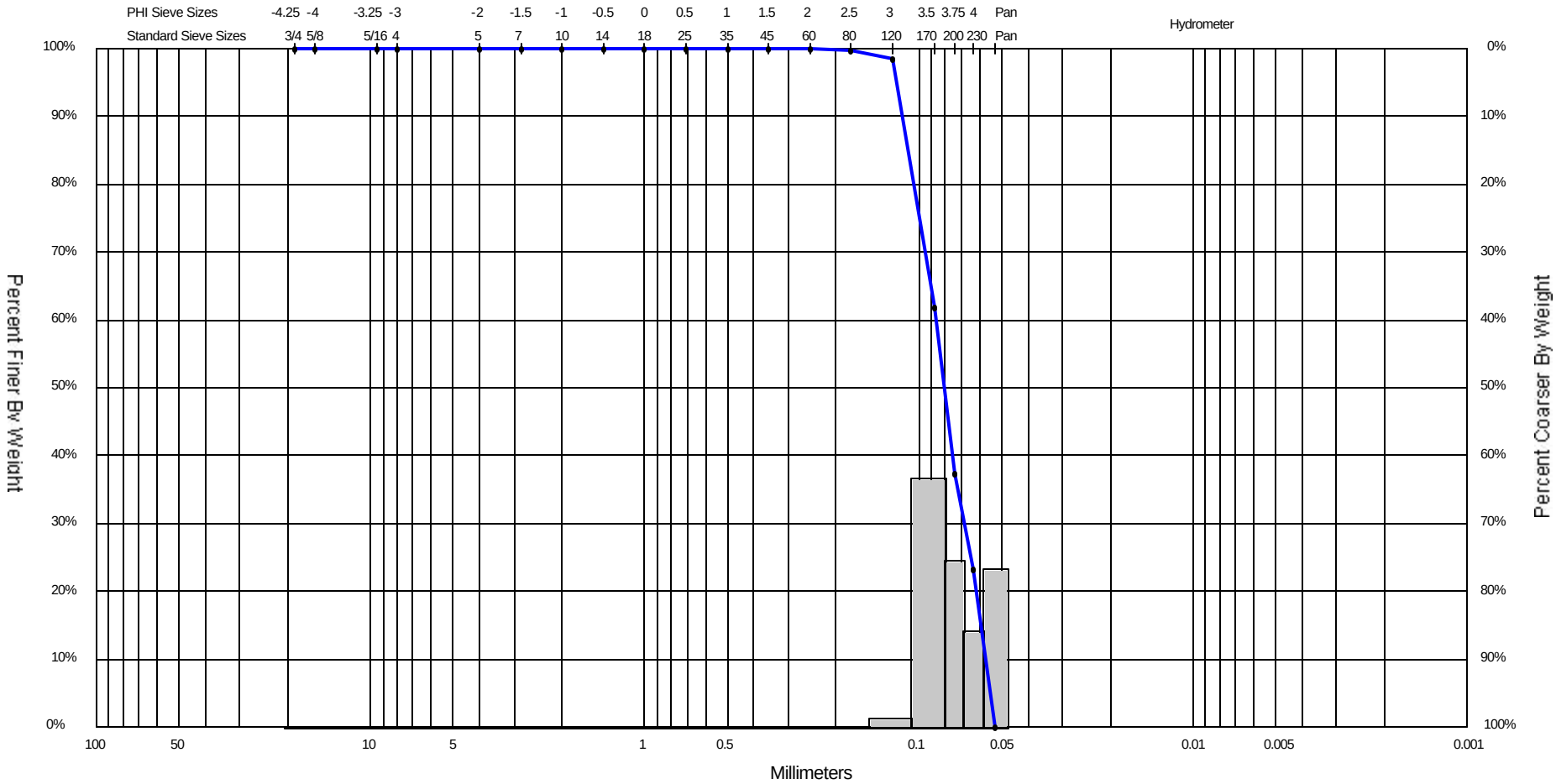

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-25 S#7		-29.4		SM	23.19	0.08	0.08	-0.01	1.20	0.46
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/11/02
Analyzed By:	ID
Easting (X):	3763181
Northing (Y):	293736
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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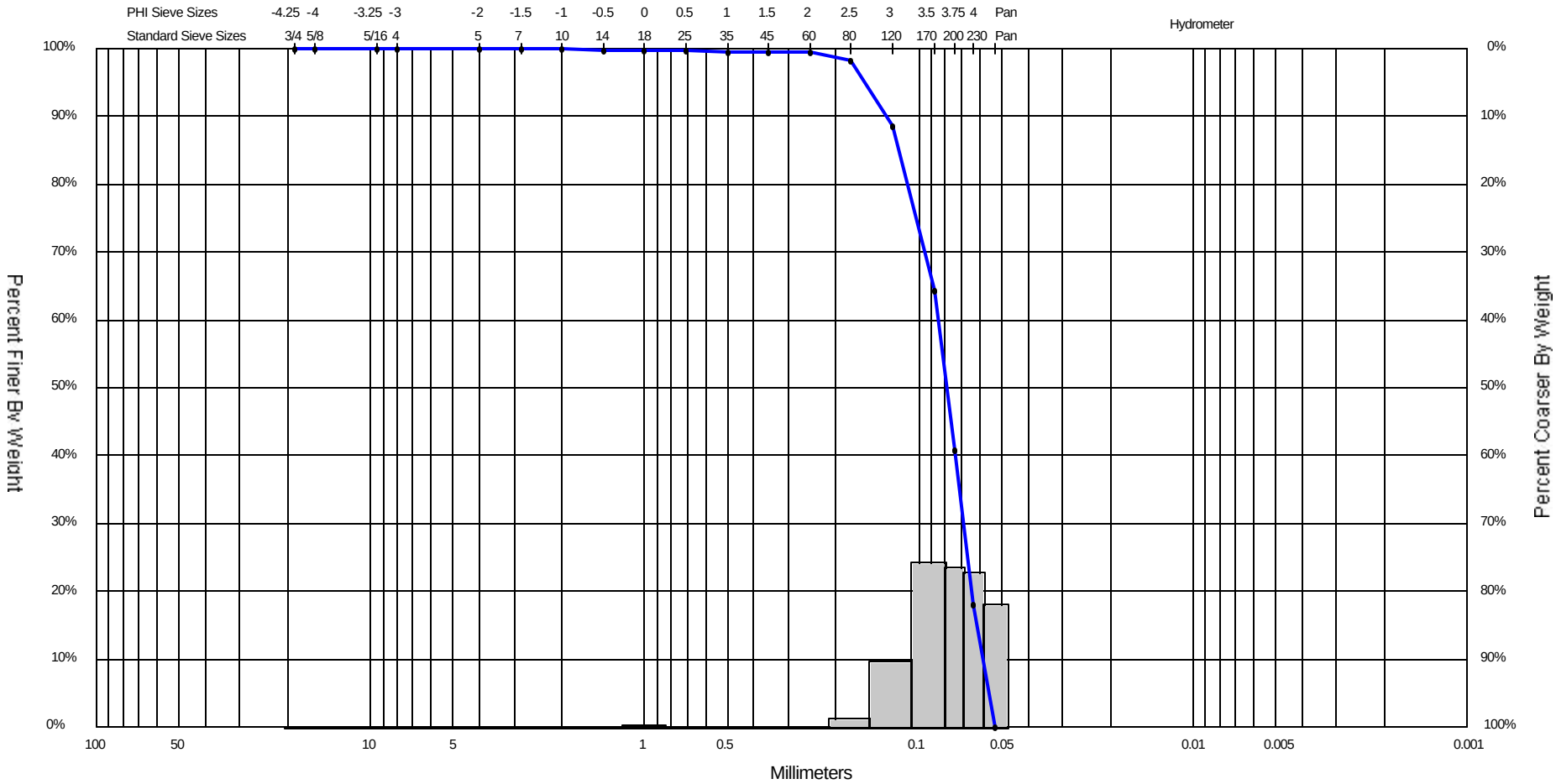

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-26 S#1		-14.7		SM	18.15	0.08	0.09	-0.36	1.57	0.55
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/11/02
Analyzed By:	ID
Easting (X):	3763191
Northing (Y):	295168
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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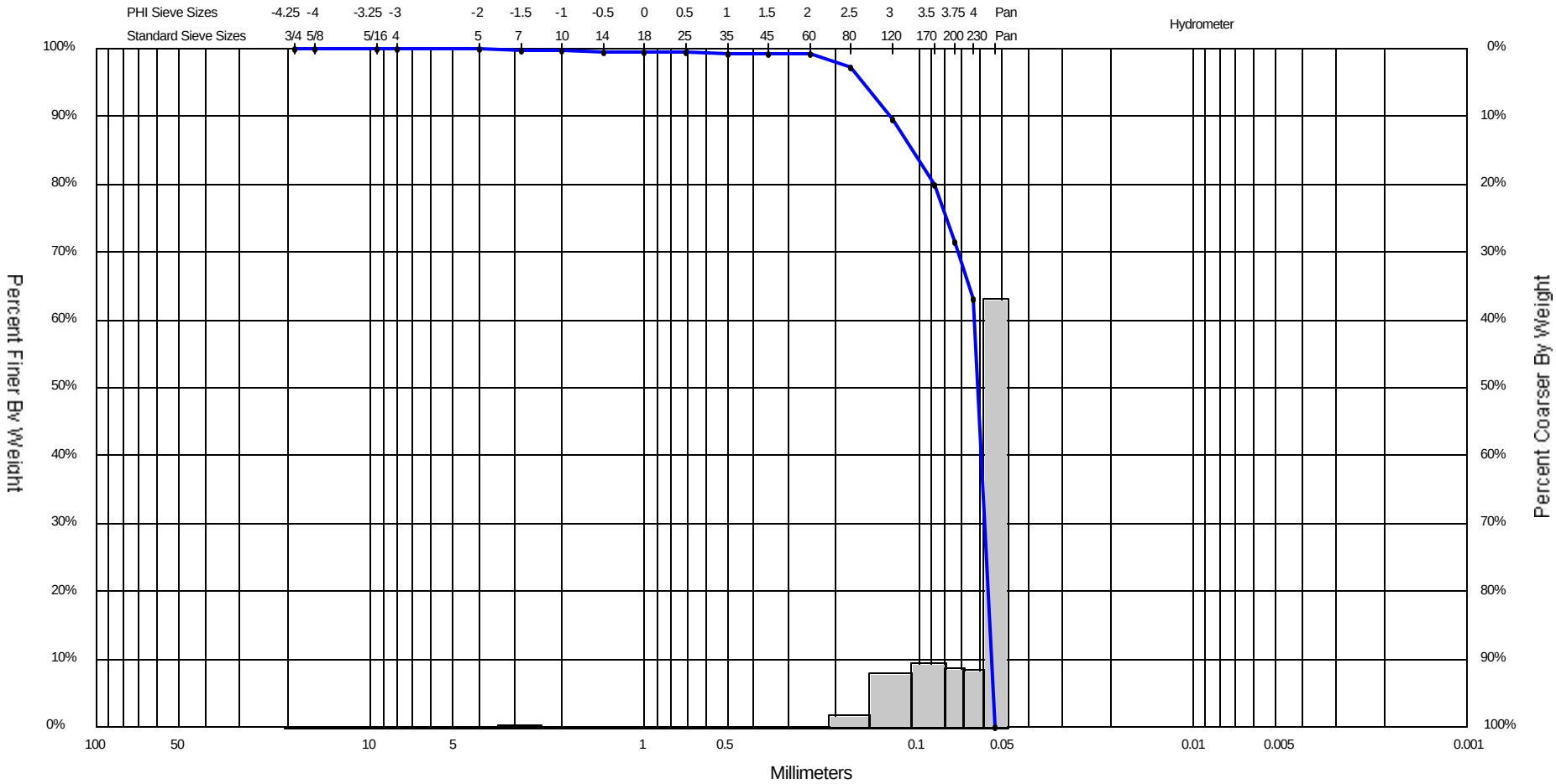

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-26 S#2		-16.2		ML	63.07	0.06	0.07	-0.89	2.17	0.59
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/12/02
Analyzed By:	ID
Easting (X):	3763191
Northing (Y):	295168
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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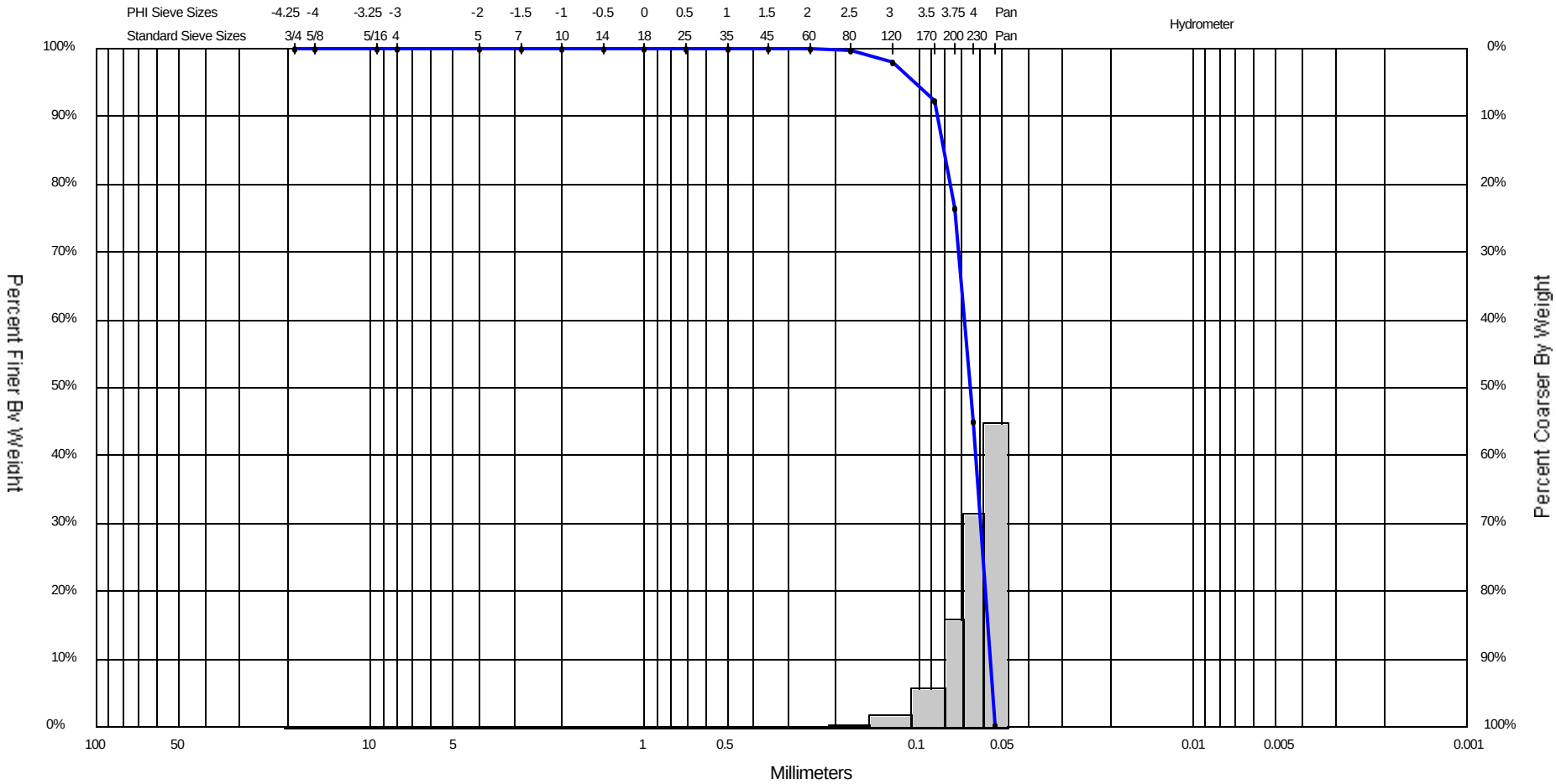

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-26 S#3		-17.7		ML	45.01	0.06	0.07	-0.65	1.97	0.34
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/10/02
Analyzed By:	ID
Easting (X):	3763191
Northing (Y):	295168
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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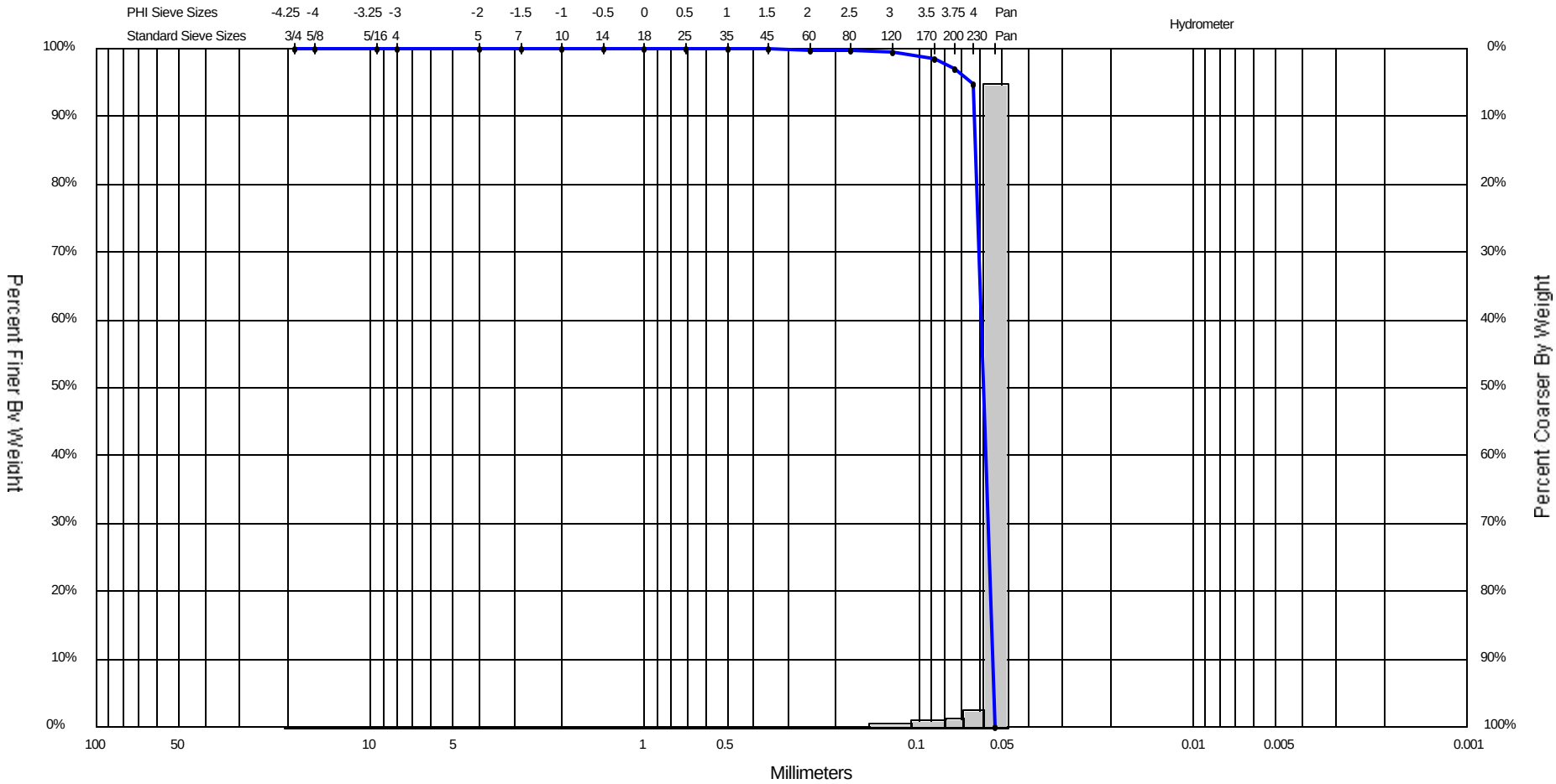

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-26 S#4		-19.2		ML	94.73	0.06	0.06	-0.13	1.34	0.10
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/12/02
Analyzed By:	ID
Easting (X):	3763191
Northing (Y):	295168
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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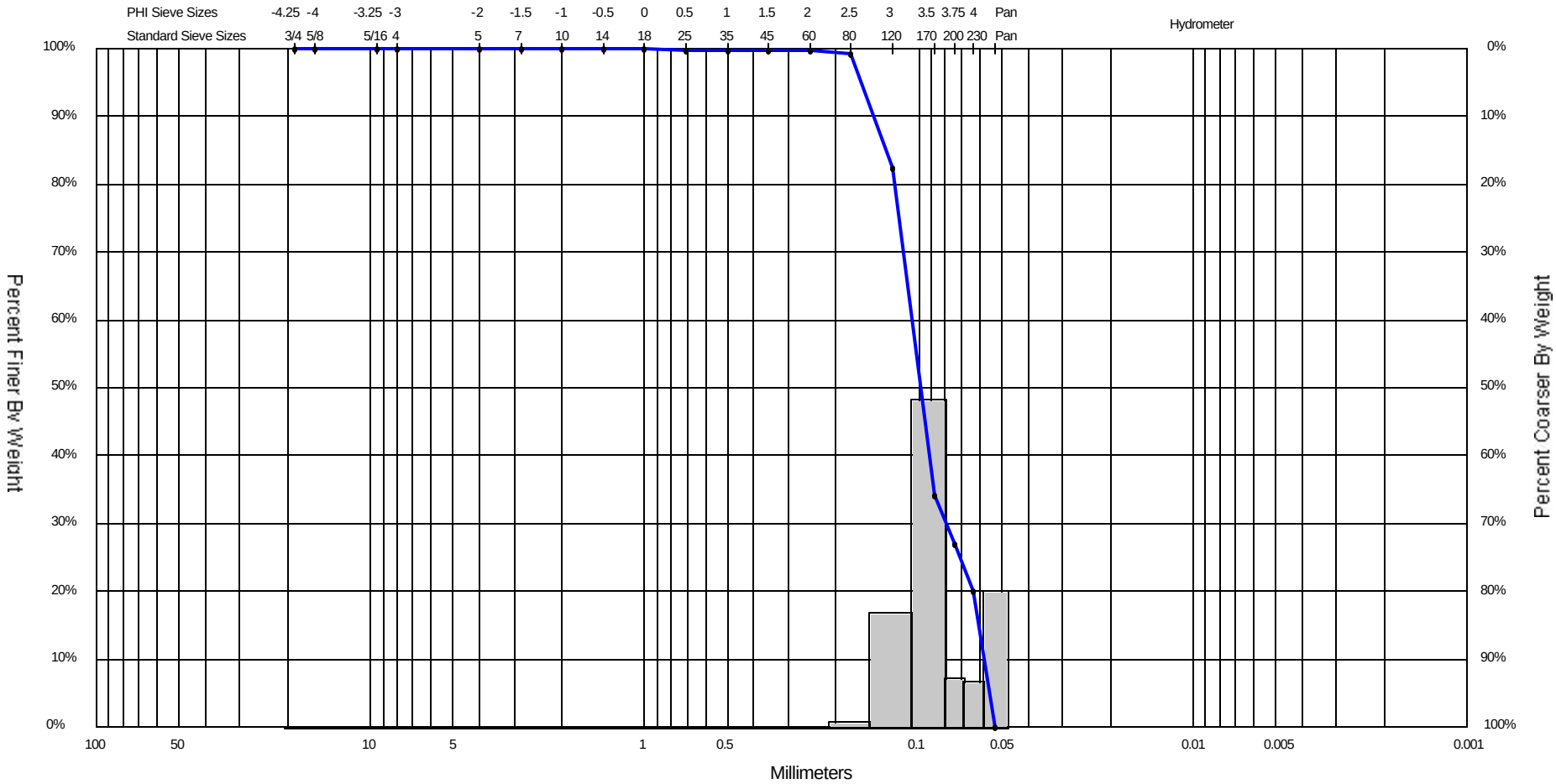

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-26 S#5		-23.2		SM	20.17	0.10	0.09	0.02	1.32	0.59
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/12/02
Analyzed By:	ID
Easting (X):	3763191
Northing (Y):	295168
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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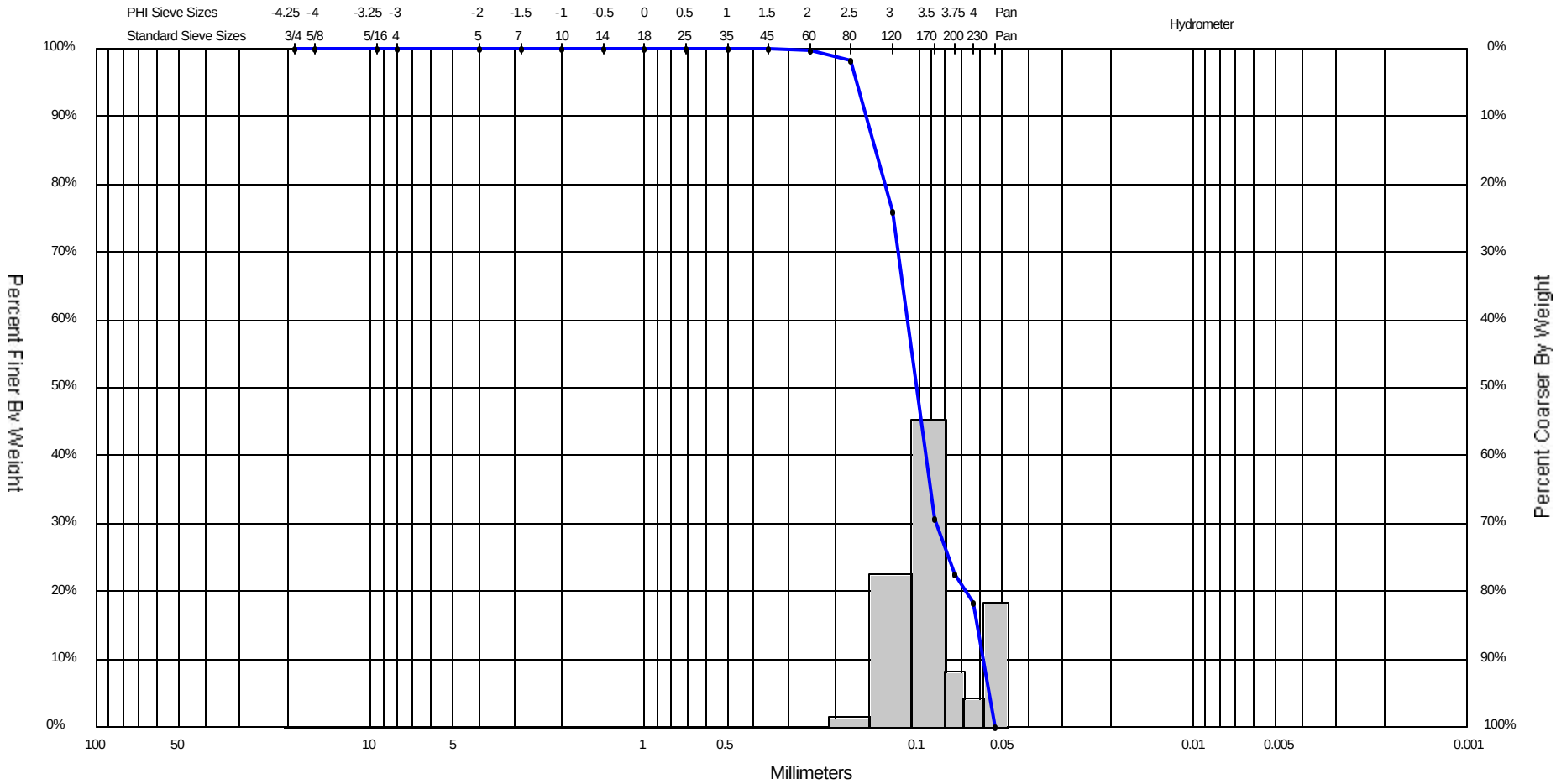

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-26 S#6		-27.7		SM	18.26	0.10	0.10	0.11	1.34	0.61
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/13/02
Analyzed By:	ID
Easting (X):	3763191
Northing (Y):	295168
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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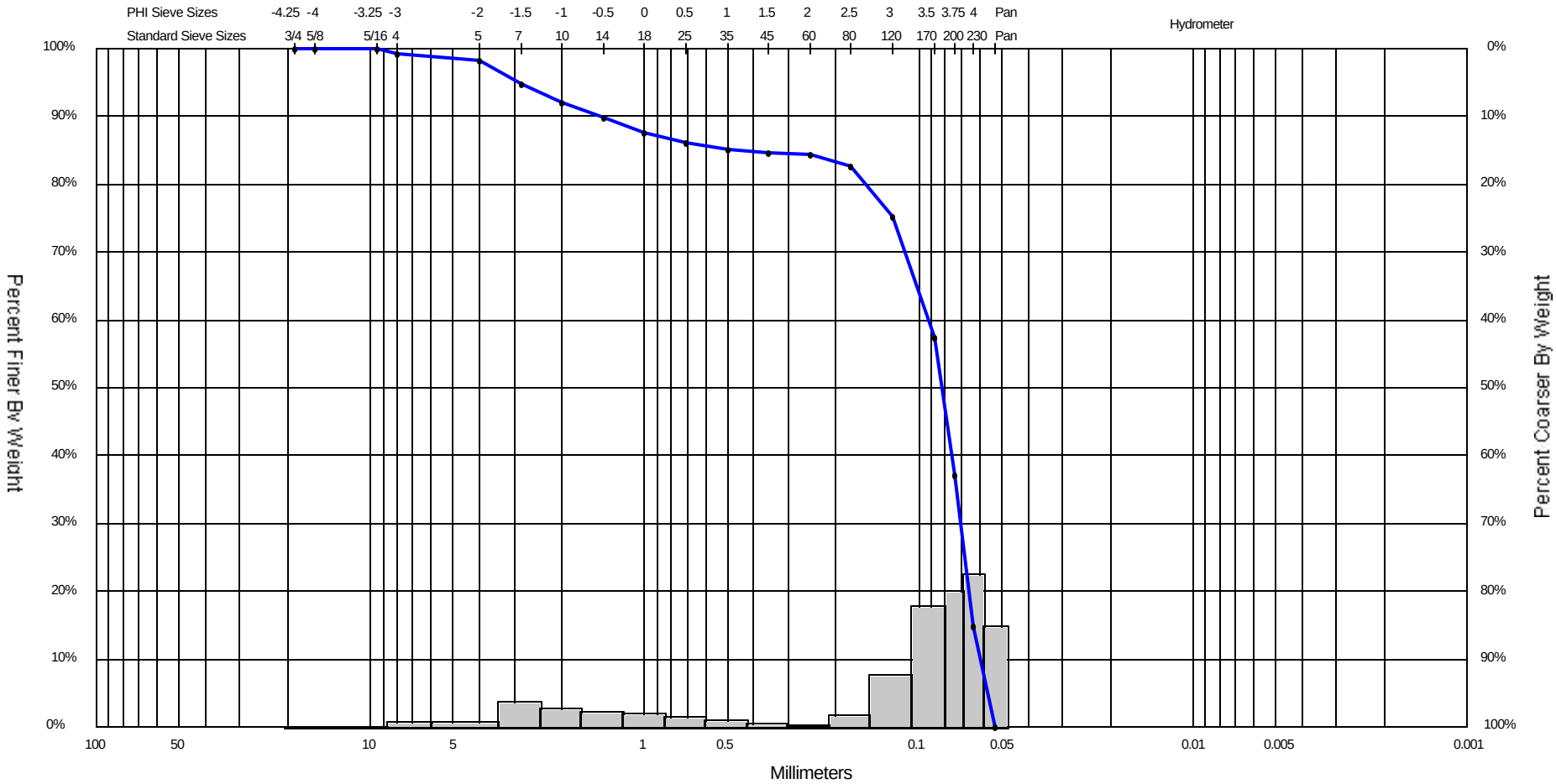

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-27 S#1		-15.4		SM	14.75	0.08	0.15	-1.47	3.50	2.01
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/3/02
Analyzed By:	ID
Easting (X):	3764229
Northing (Y):	295015
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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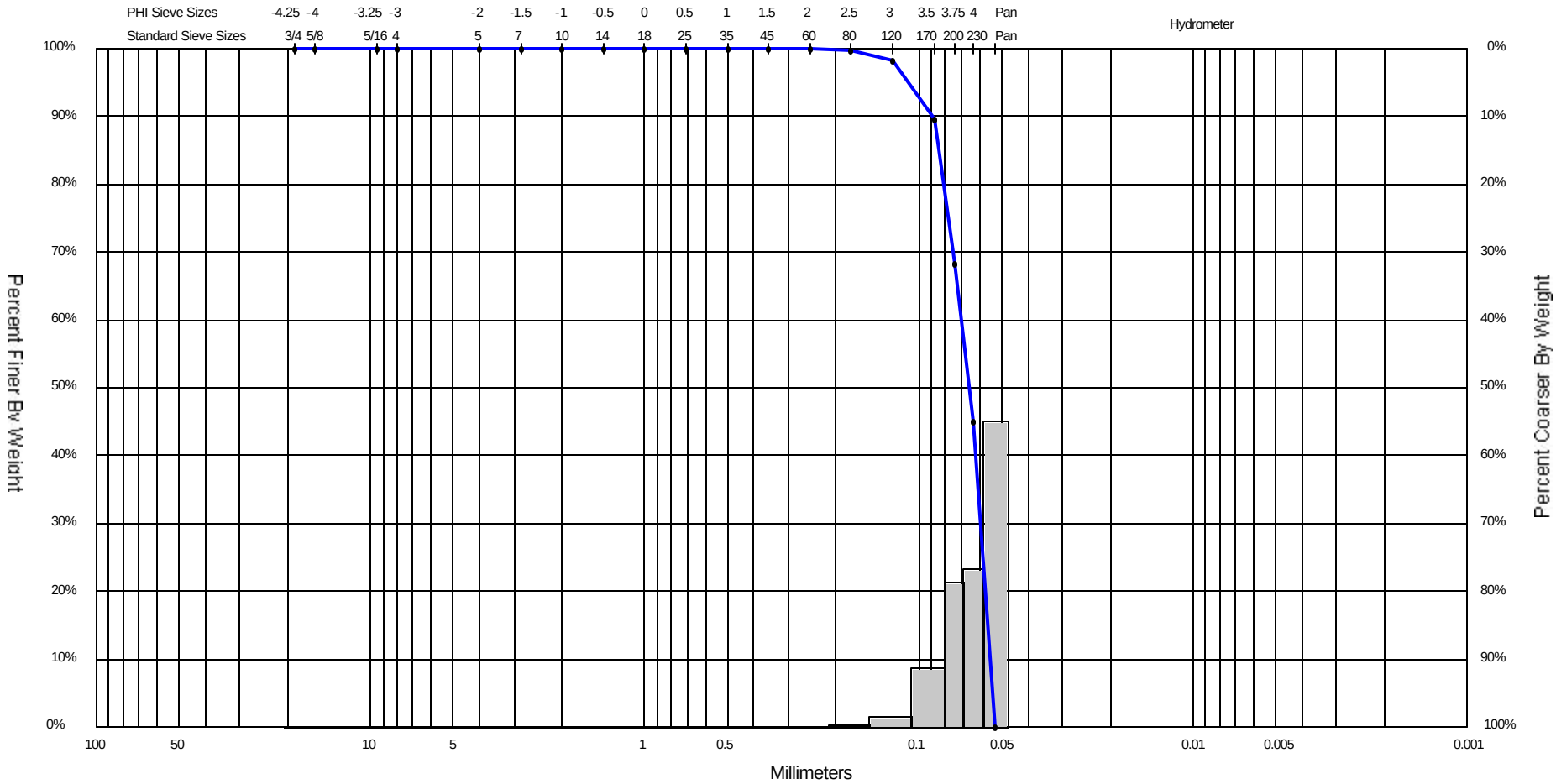

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-27 S#2		-17.2		ML	45.04	0.06	0.07	-0.57	1.79	0.38
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/13/02
Analyzed By:	ID
Easting (X):	3764229
Northing (Y):	295015
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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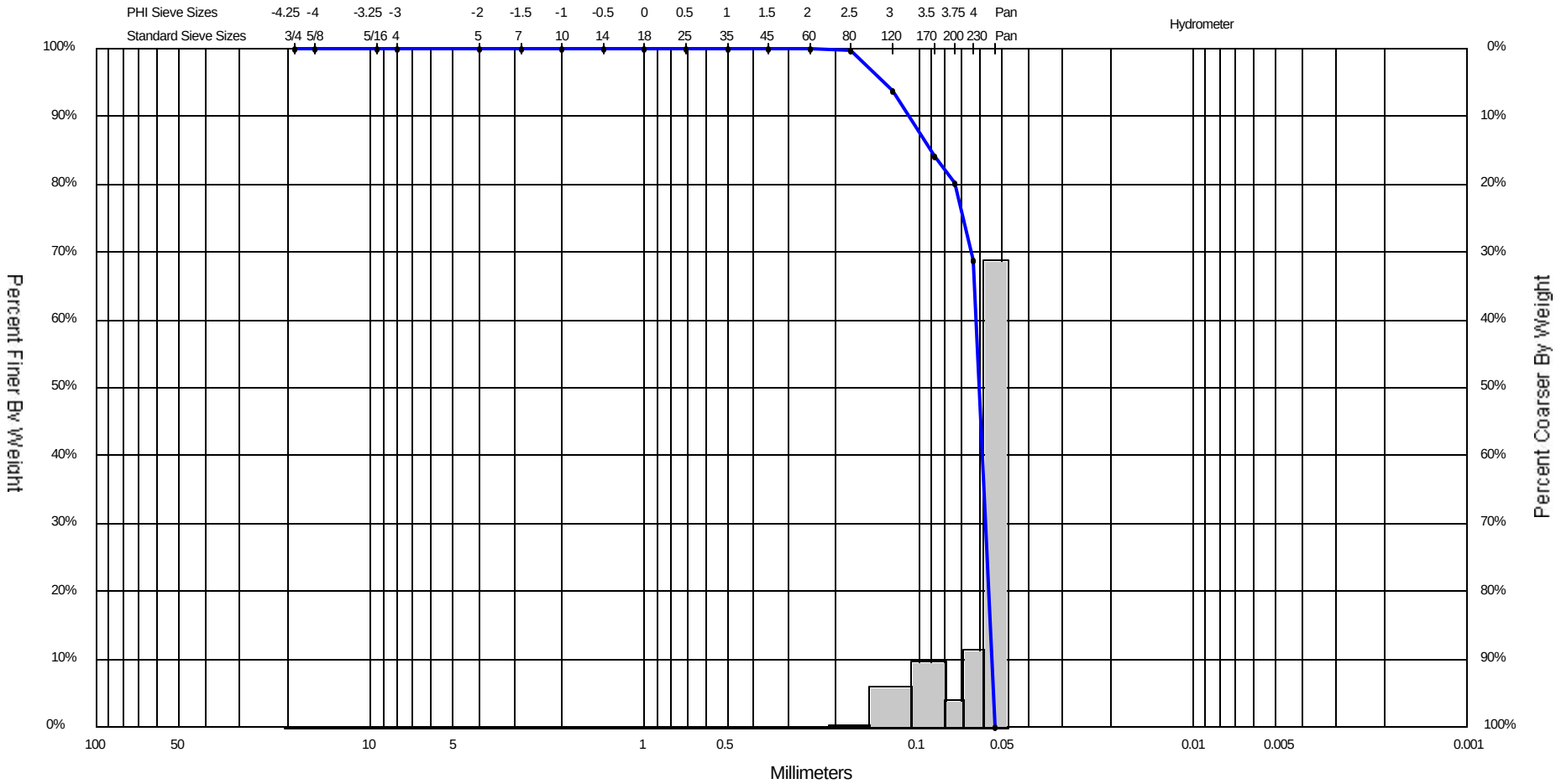

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-27 S#4		-24.2		ML	68.86	0.06	0.07	-1.08	2.56	0.49
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/03/02
Analyzed By:	ID
Easting (X):	3764229
Northing (Y):	295015
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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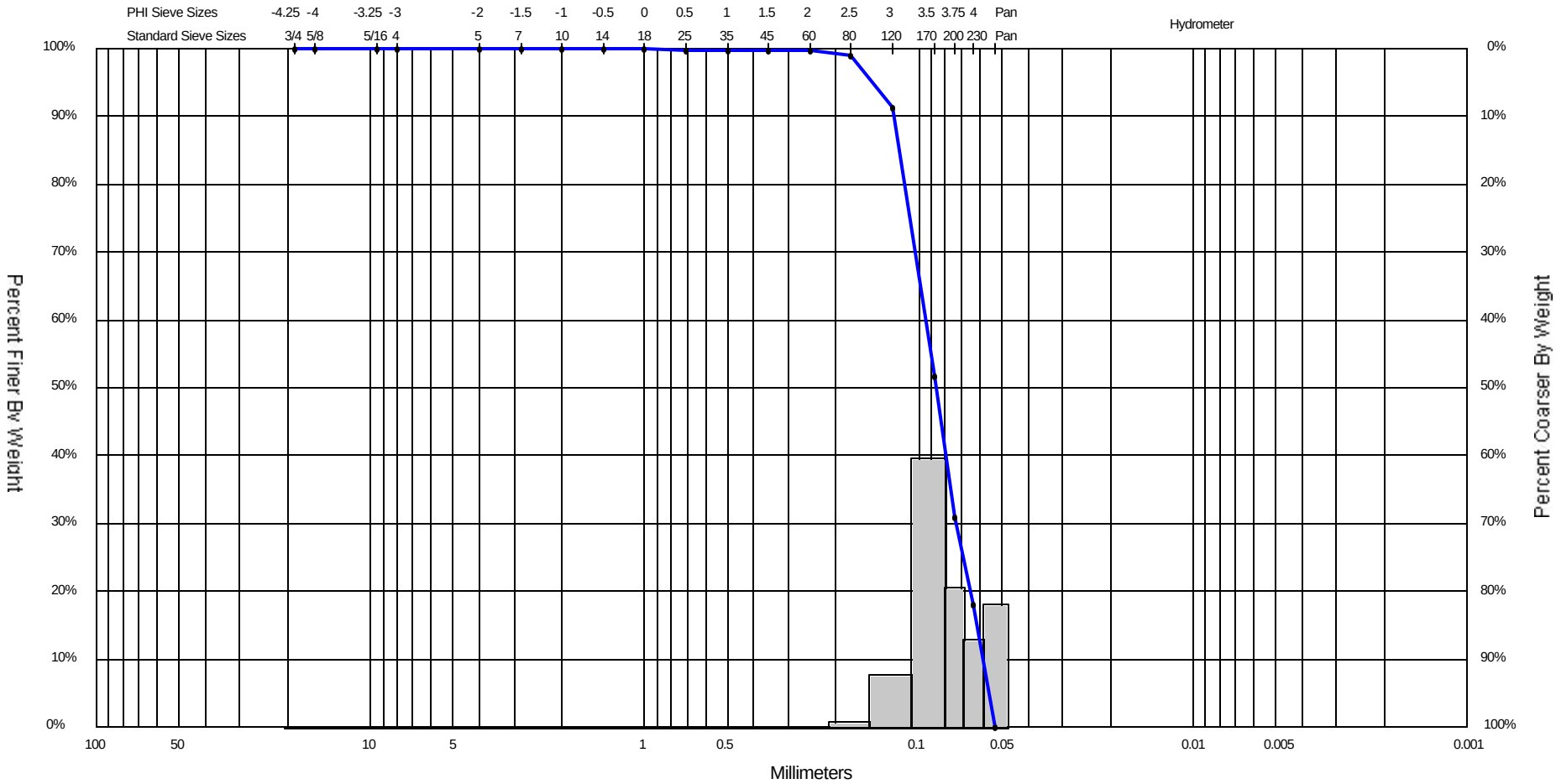

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-27A S#1		-29.9		SM	18.18	0.09	0.09	-0.11	1.39	0.53
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/03/02
Analyzed By:	ID
Easting (X):	3764231
Northing (Y):	295018
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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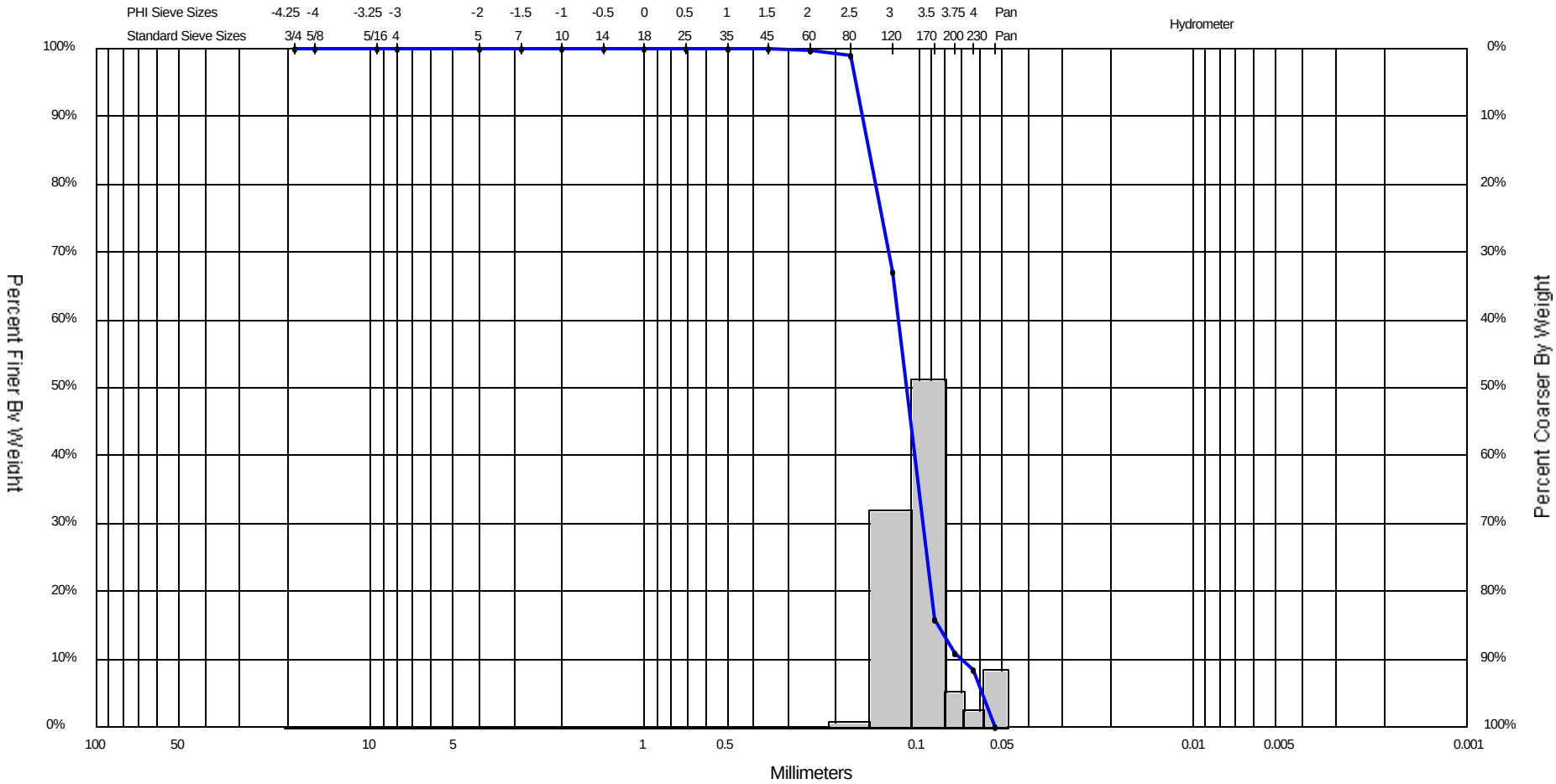

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-28 S#3		-25.9		SW-SM	8.47	0.11	0.11	0.46	1.94	0.53
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3765194
Northing (Y):	293239
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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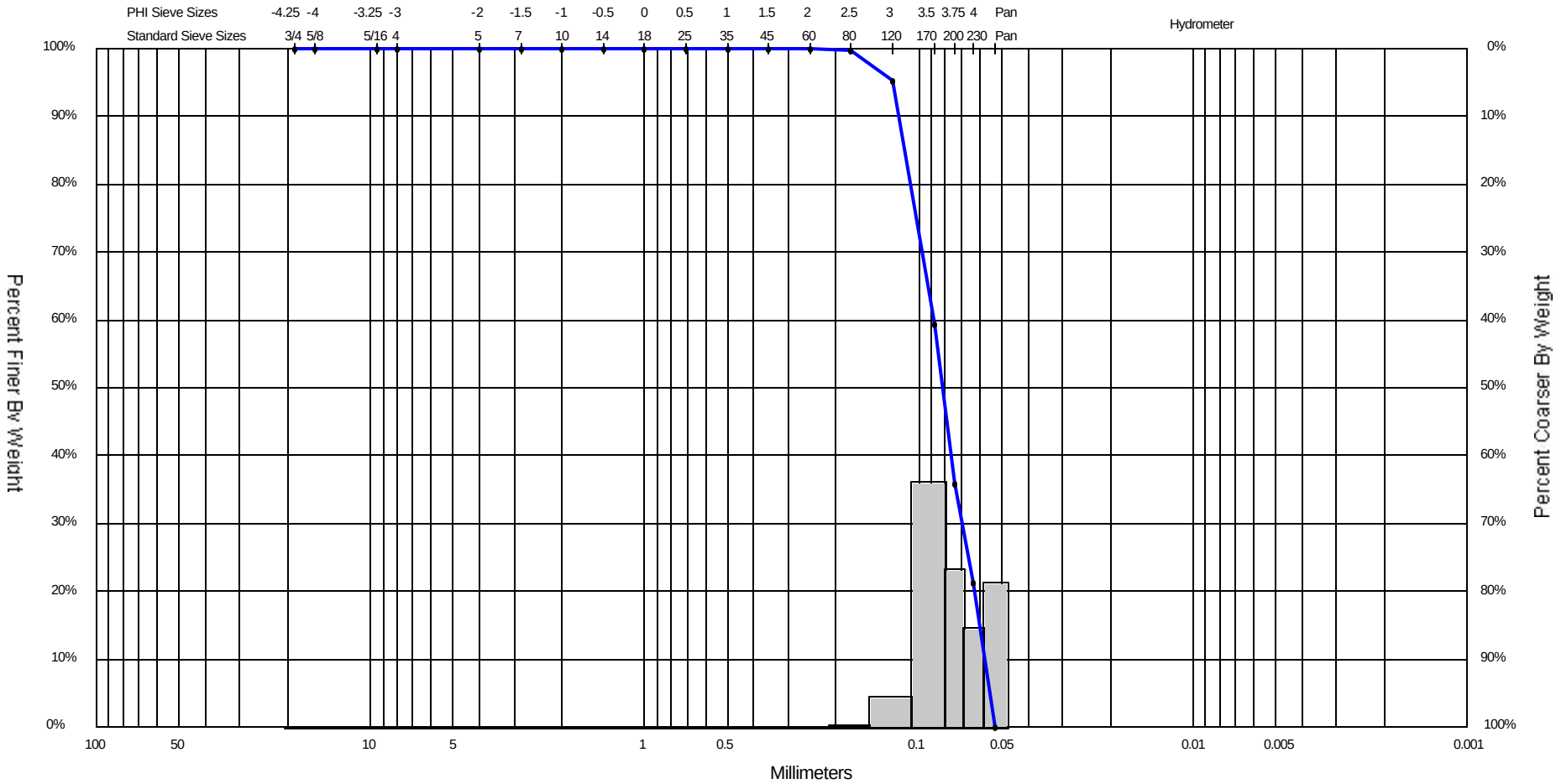

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-28 S#4		-29.4		SM	21.33	0.08	0.08	-0.01	1.21	0.47
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3765194
Northing (Y):	293239
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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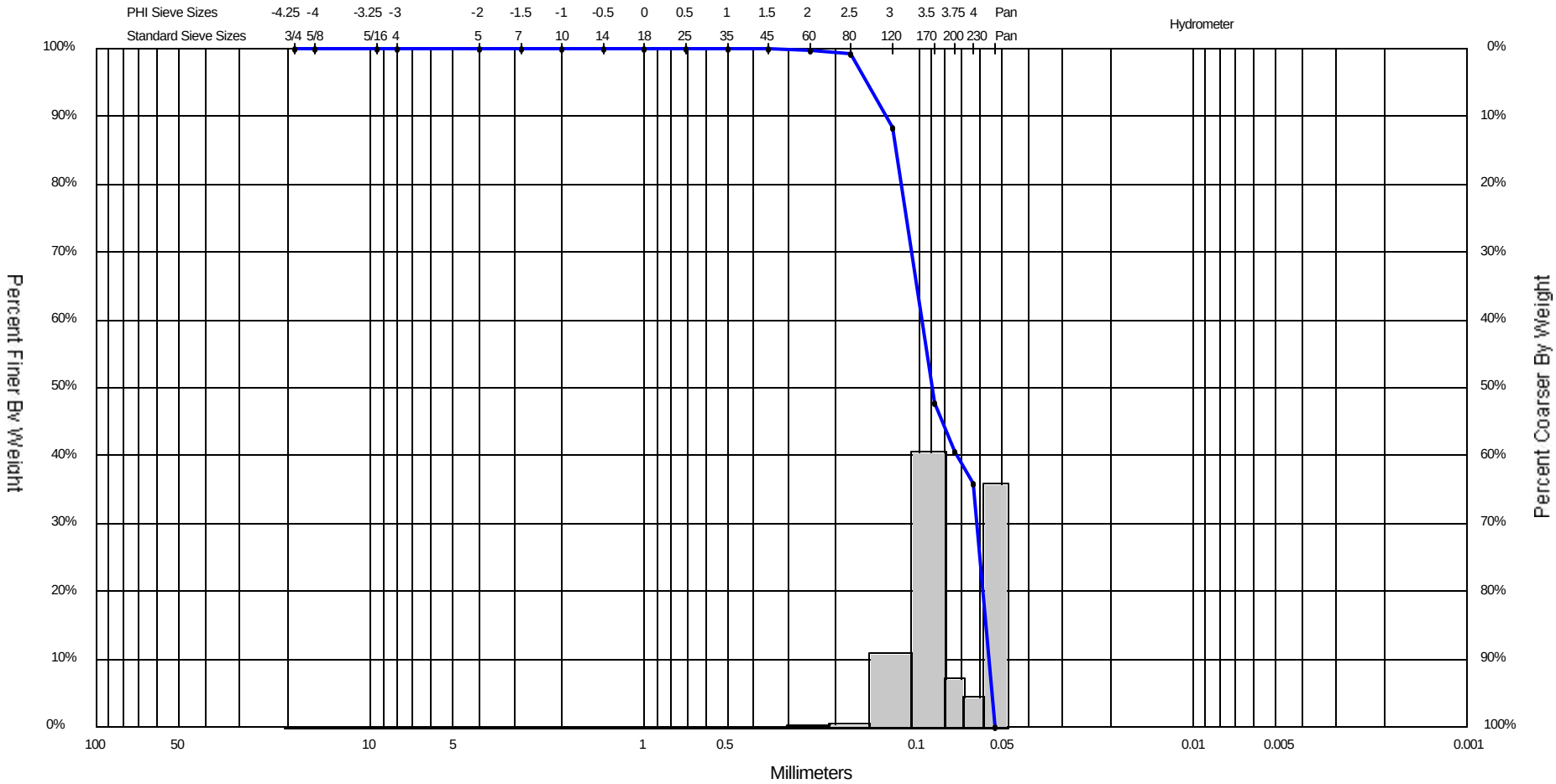

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-28A S#1		-31.9		SM	35.98	0.09	0.09	-0.10	1.25	0.60
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/09/02
Analyzed By:	ID
Easting (X):	3765195
Northing (Y):	293236
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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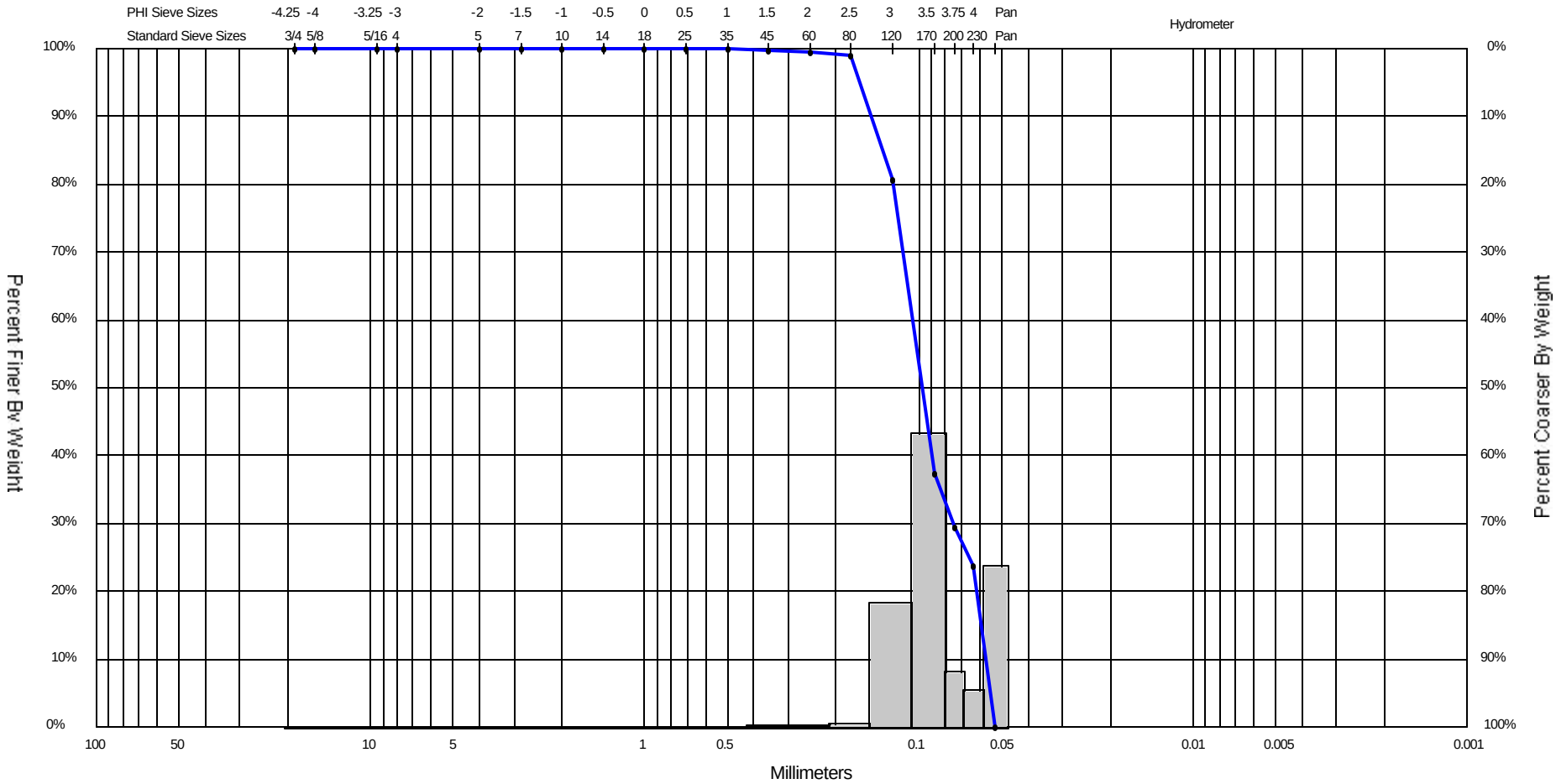

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-28A S#2		-32.9		SM	23.88	0.10	0.09	-0.02	1.23	0.63
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/03/02
Analyzed By:	ID
Easting (X):	3765195
Northing (Y):	293236
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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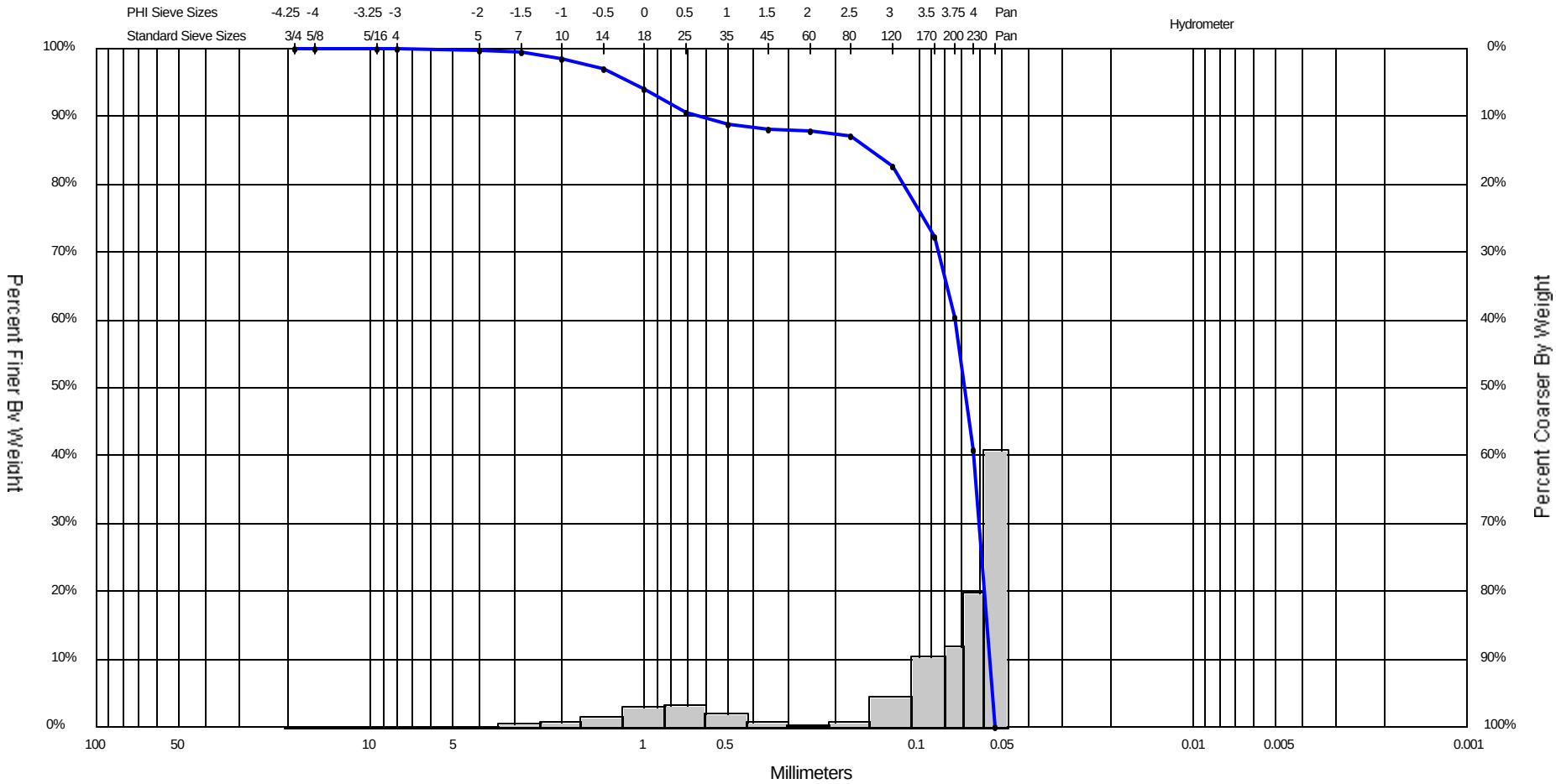

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-29 S#1		-14.4		ML	40.78	0.07	0.11	-1.53	3.65	1.57
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3762682
Northing (Y):	294313
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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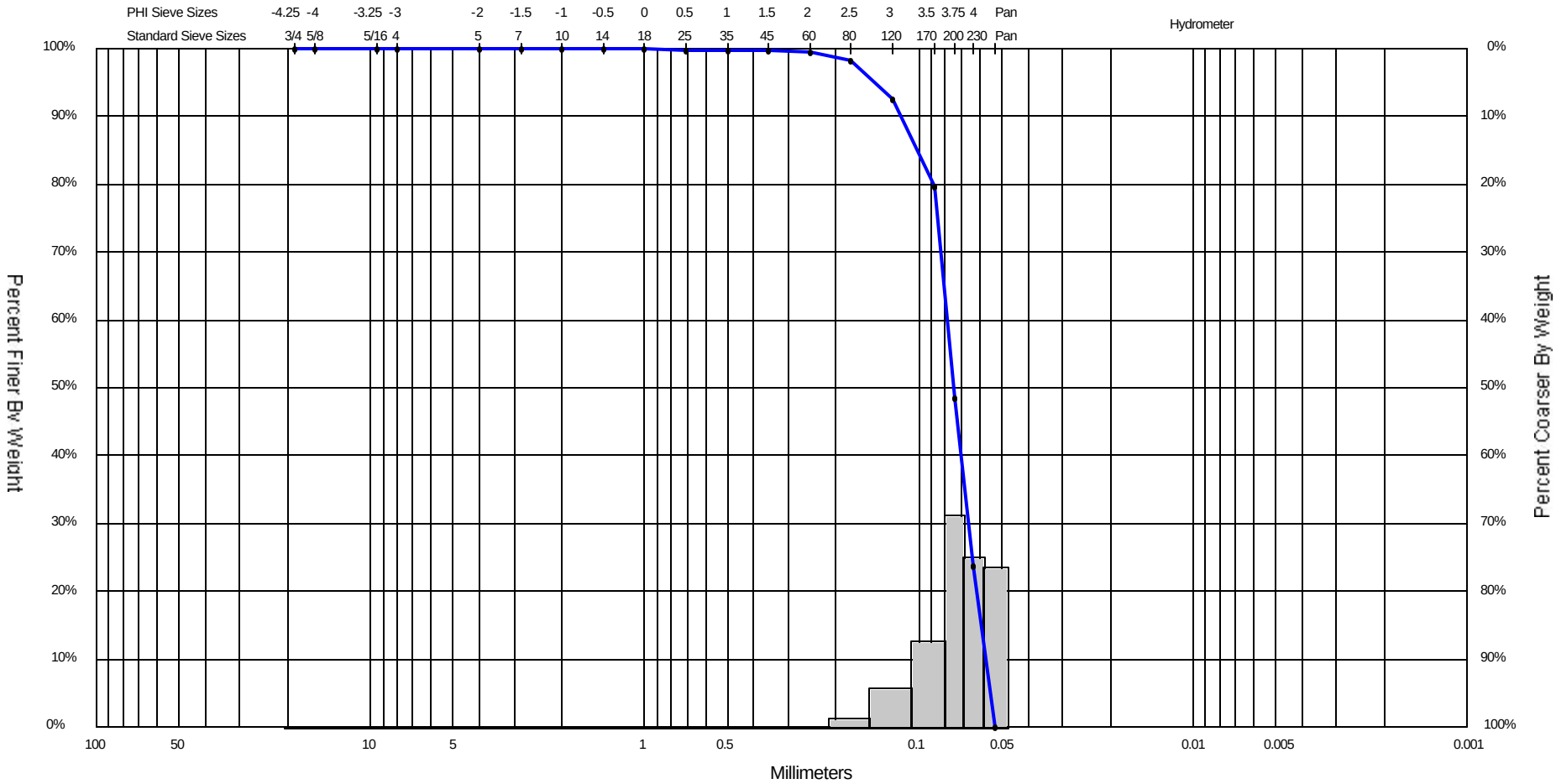

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-29 S#3		-15.7		SM	23.65	0.07	0.08	-0.65	2.06	0.50
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3762682
Northing (Y):	294313
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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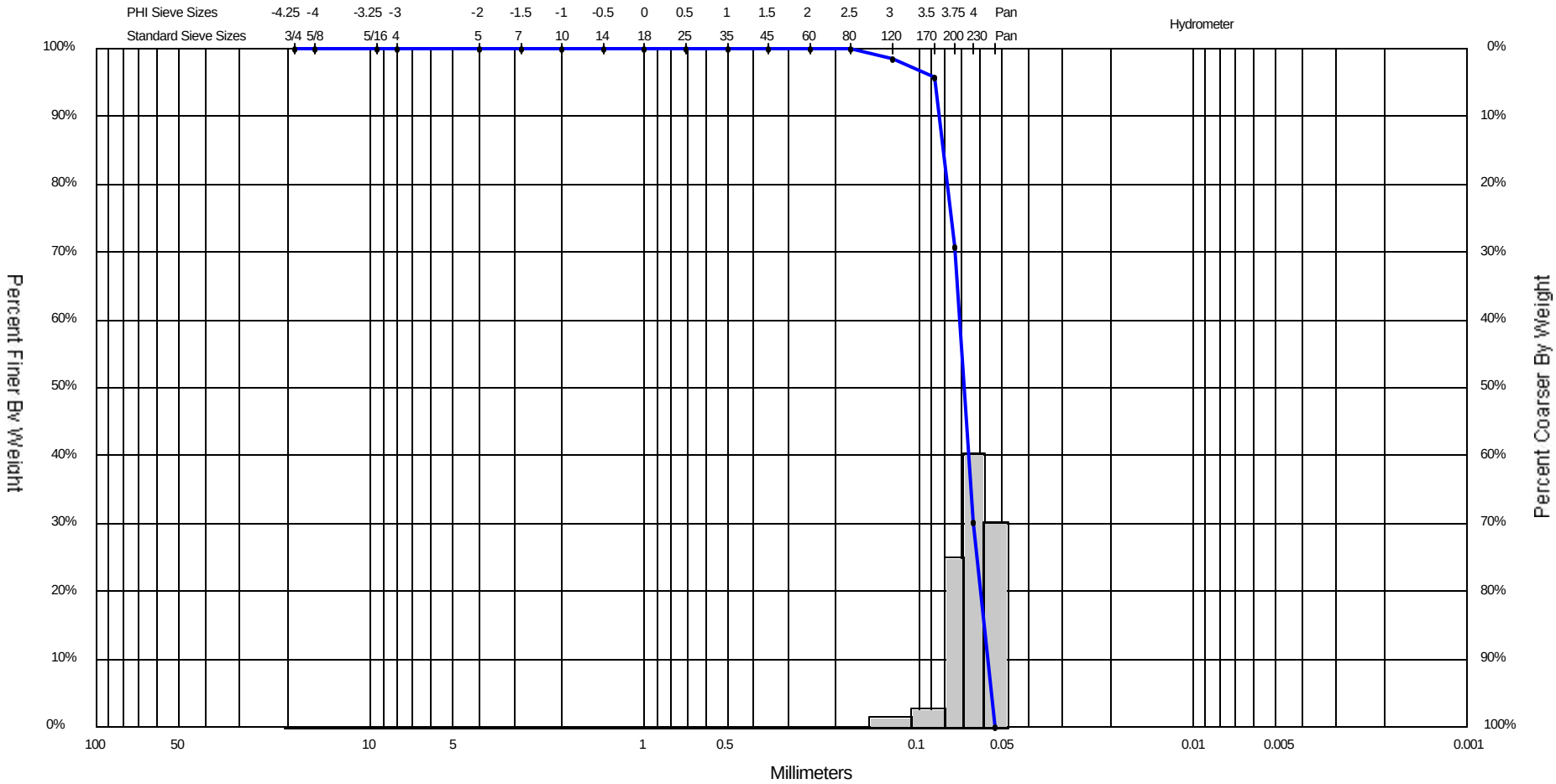

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-29 S#4		-16.8		ML	30.31	0.07	0.07	-0.06	1.30	0.27
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3762682
Northing (Y):	294313
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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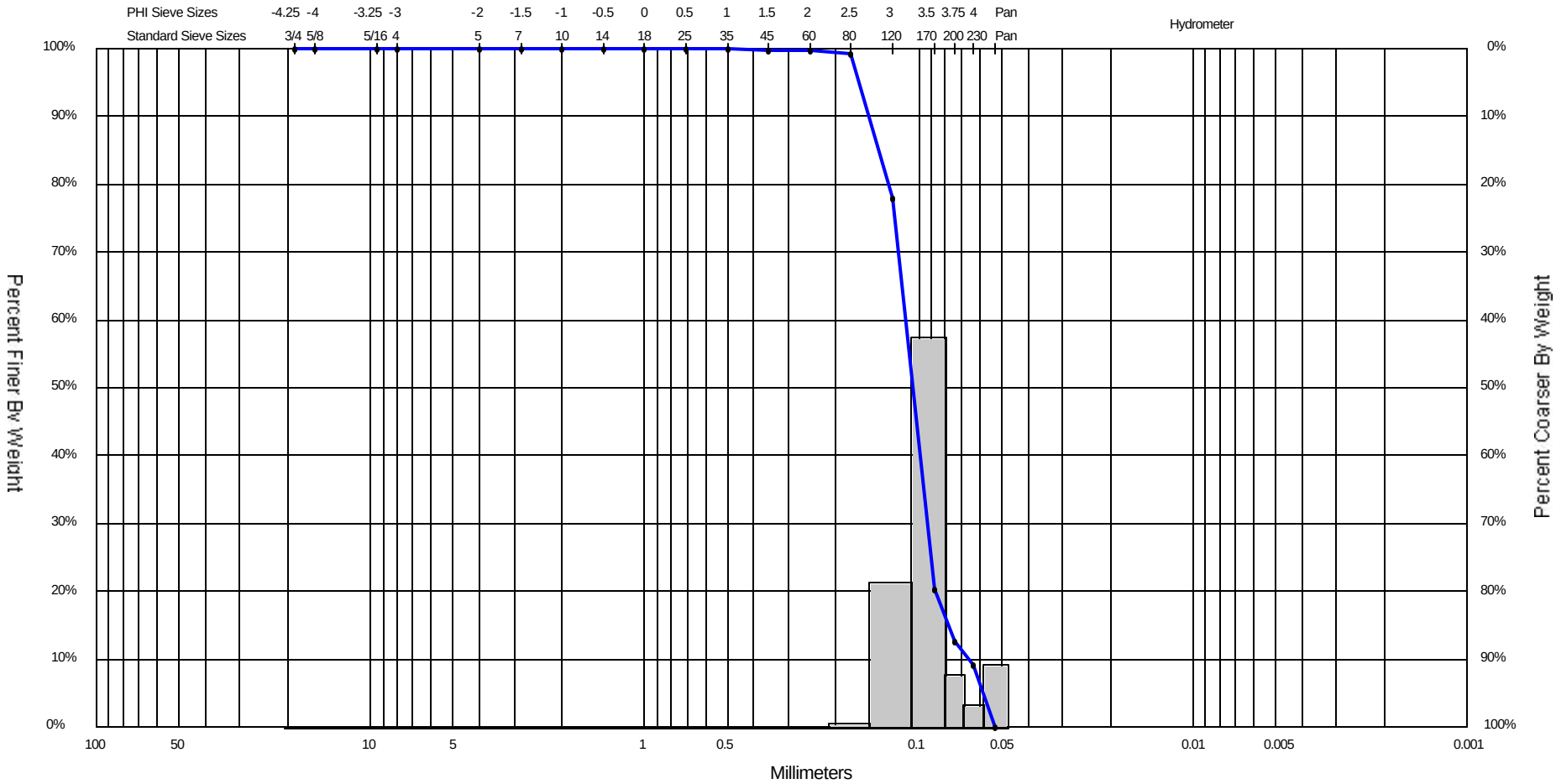

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-29 S#5		-24.9		SM	9.27	0.11	0.10	0.30	1.85	0.51
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3762682
Northing (Y):	294313
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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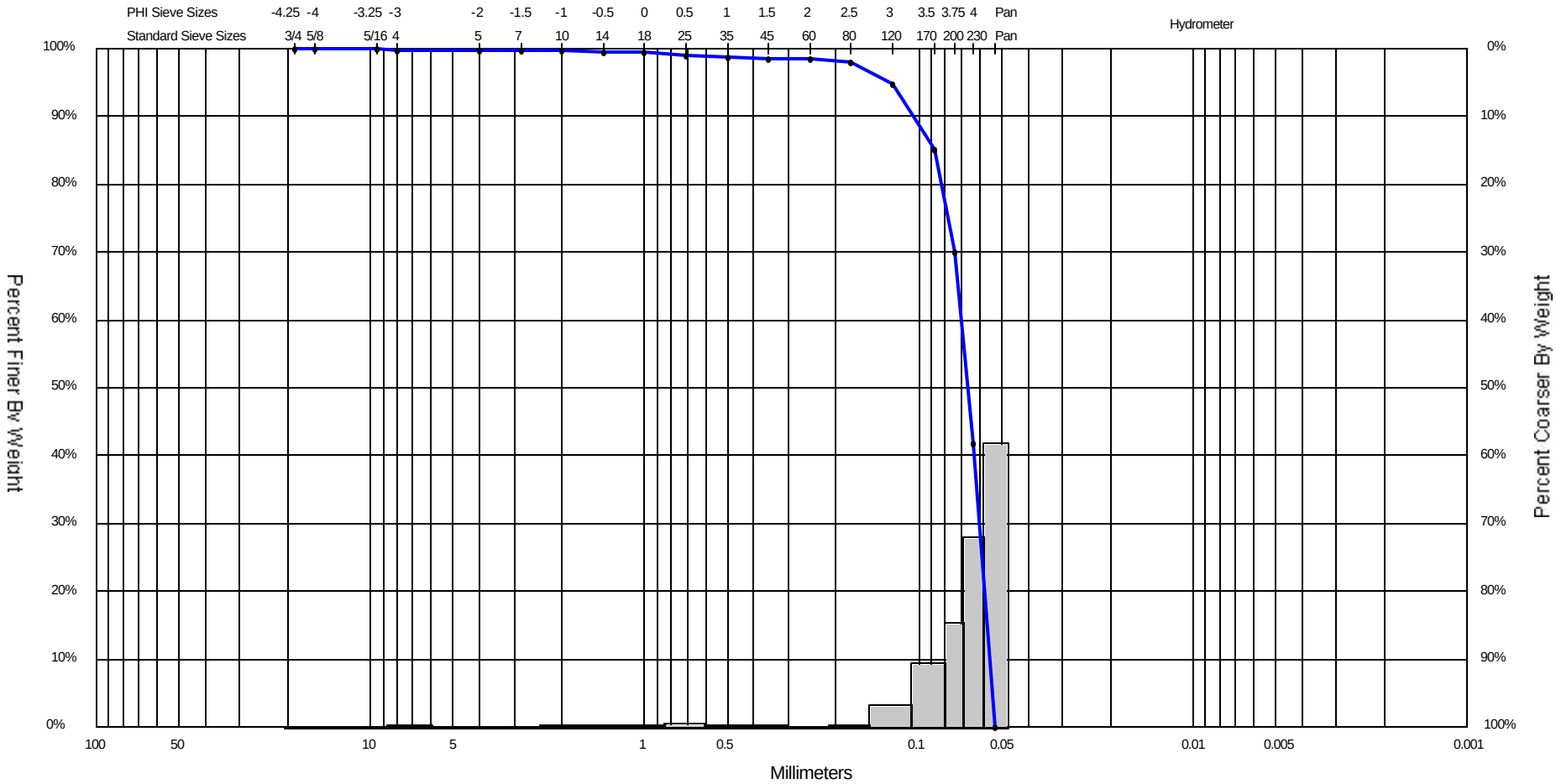

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-30 S#1		-15.8		ML	41.95	0.07	0.07	-0.81	2.23	0.45
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/09/02
Analyzed By:	ID
Easting (X):	3763725
Northing (Y):	294297
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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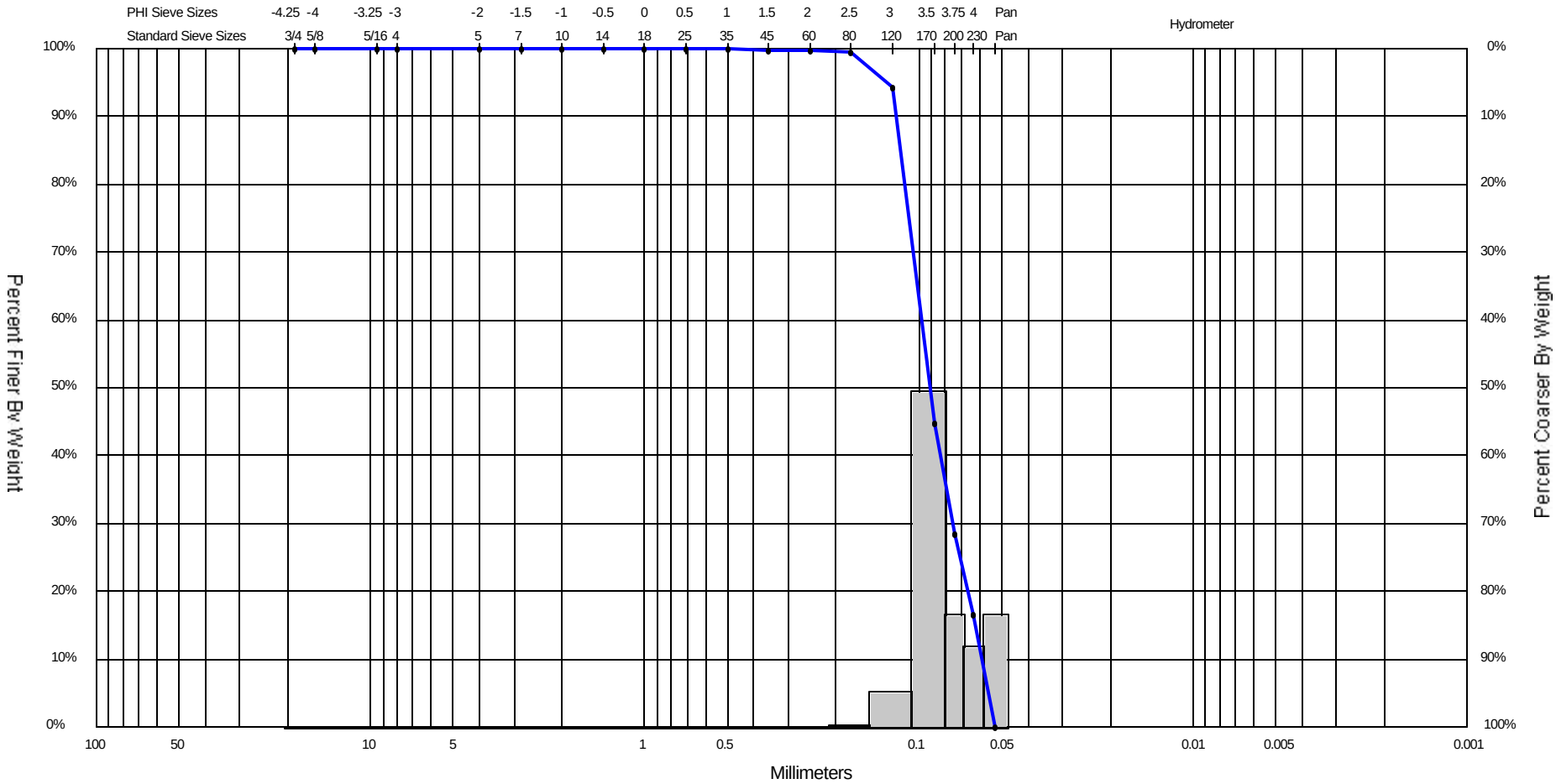

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-30 S#2		-17.4		SM	16.59	0.09	0.09	0.14	1.27	0.48
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3763725
Northing (Y):	294293
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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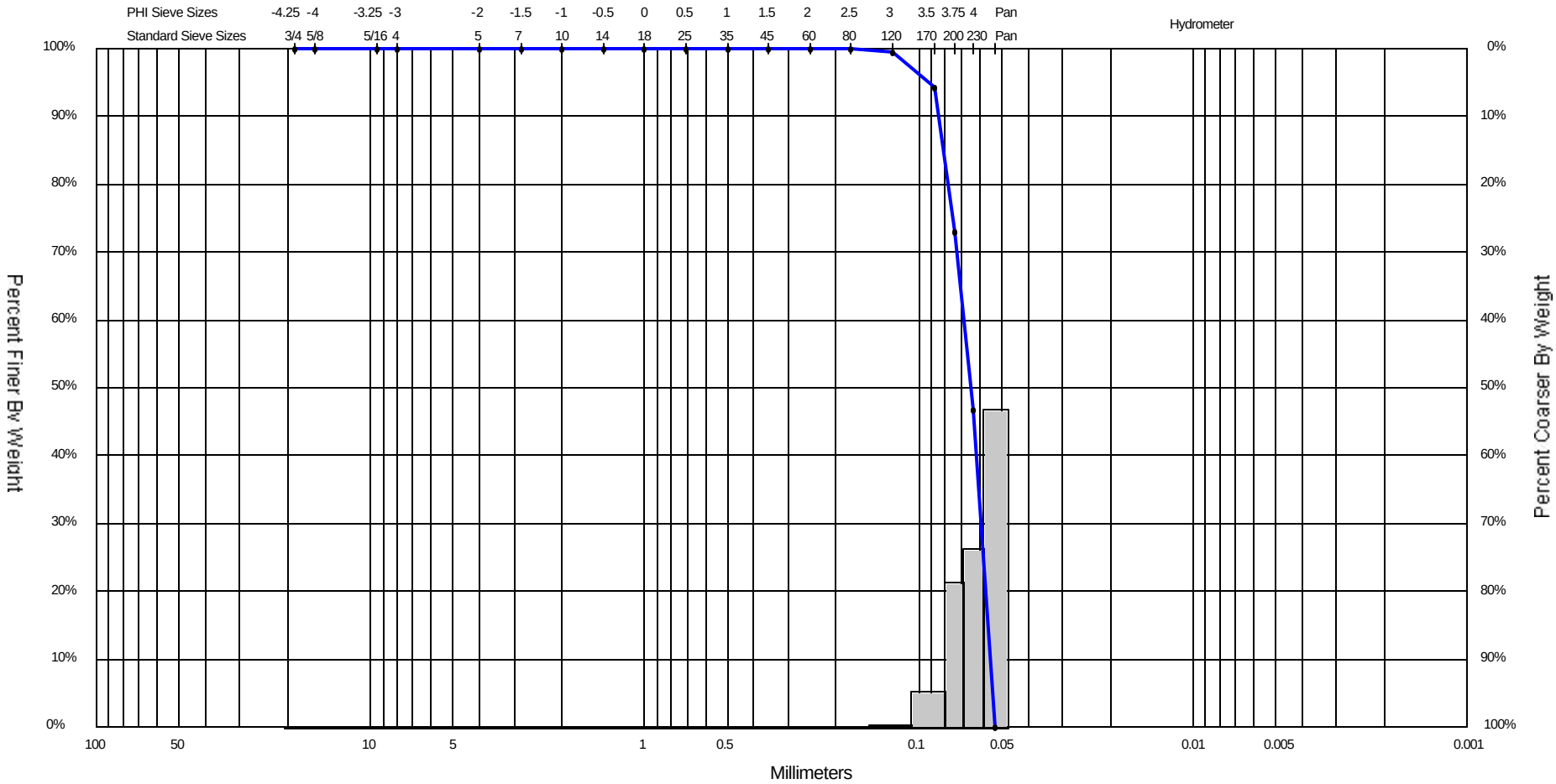

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-30 S#3		-17.7		ML	46.78	0.06	0.07	-0.32	1.39	0.30
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3763725
Northing (Y):	294293
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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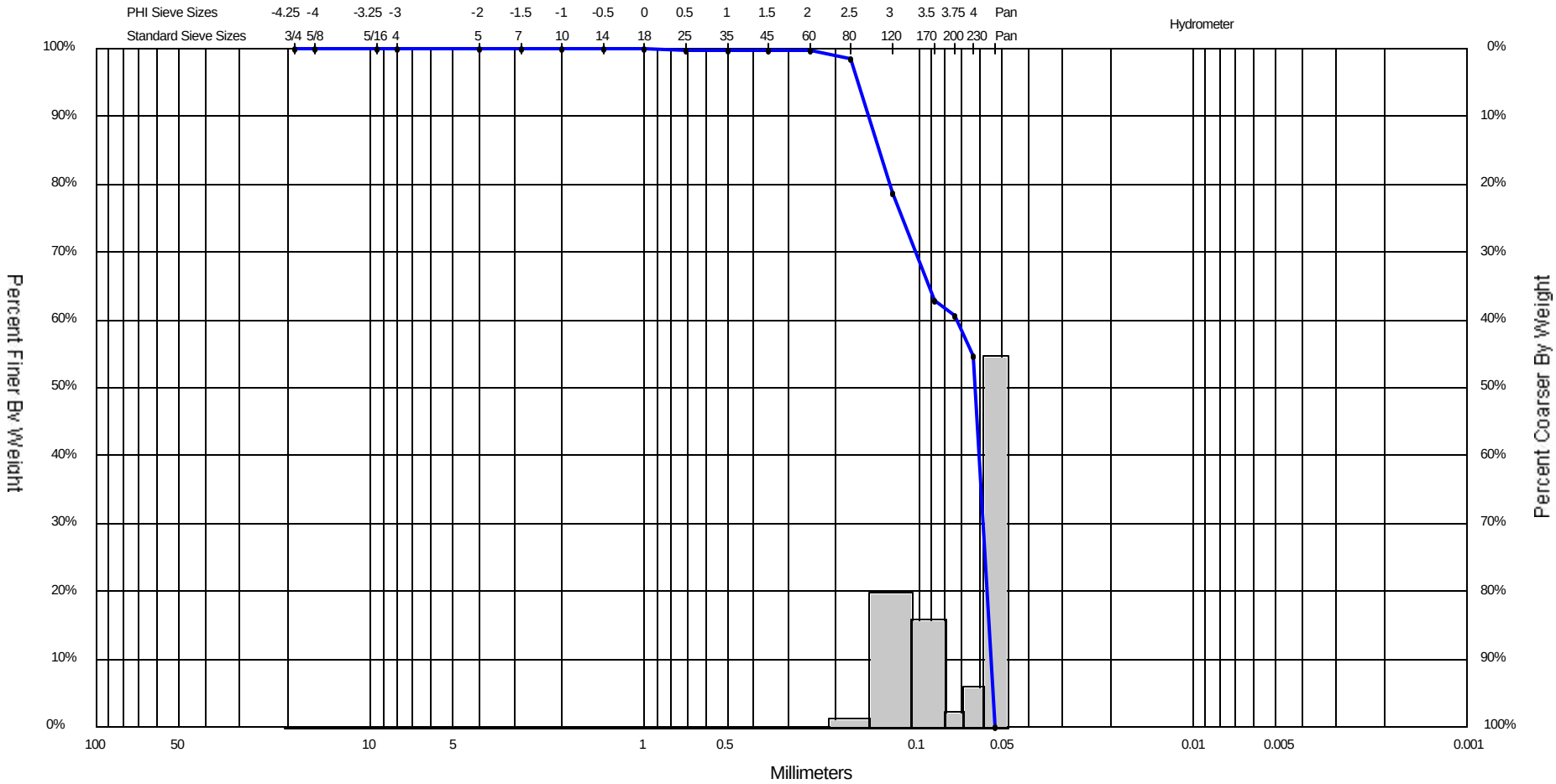

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-30 S#6		-24.7		ML	54.82	0.06	0.08	-0.38	1.17	0.71
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/18/02
Analyzed By:	ID
Easting (X):	3763725
Northing (Y):	294293
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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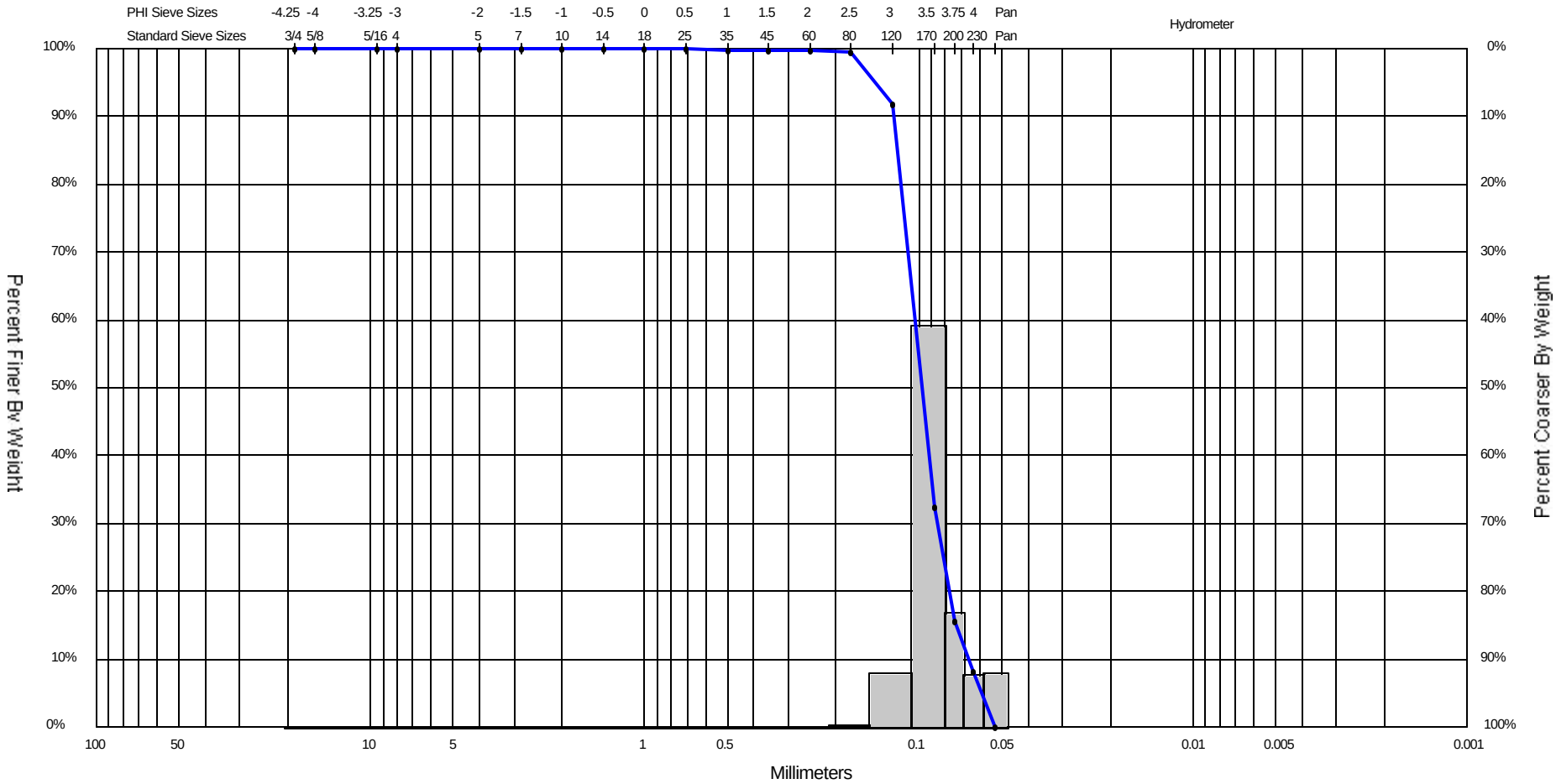

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-30 S#7		-26.5		SM	8.05	0.10	0.09	0.20	1.68	0.45
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/18/02
Analyzed By:	ID
Easting (X):	3763725
Northing (Y):	294293
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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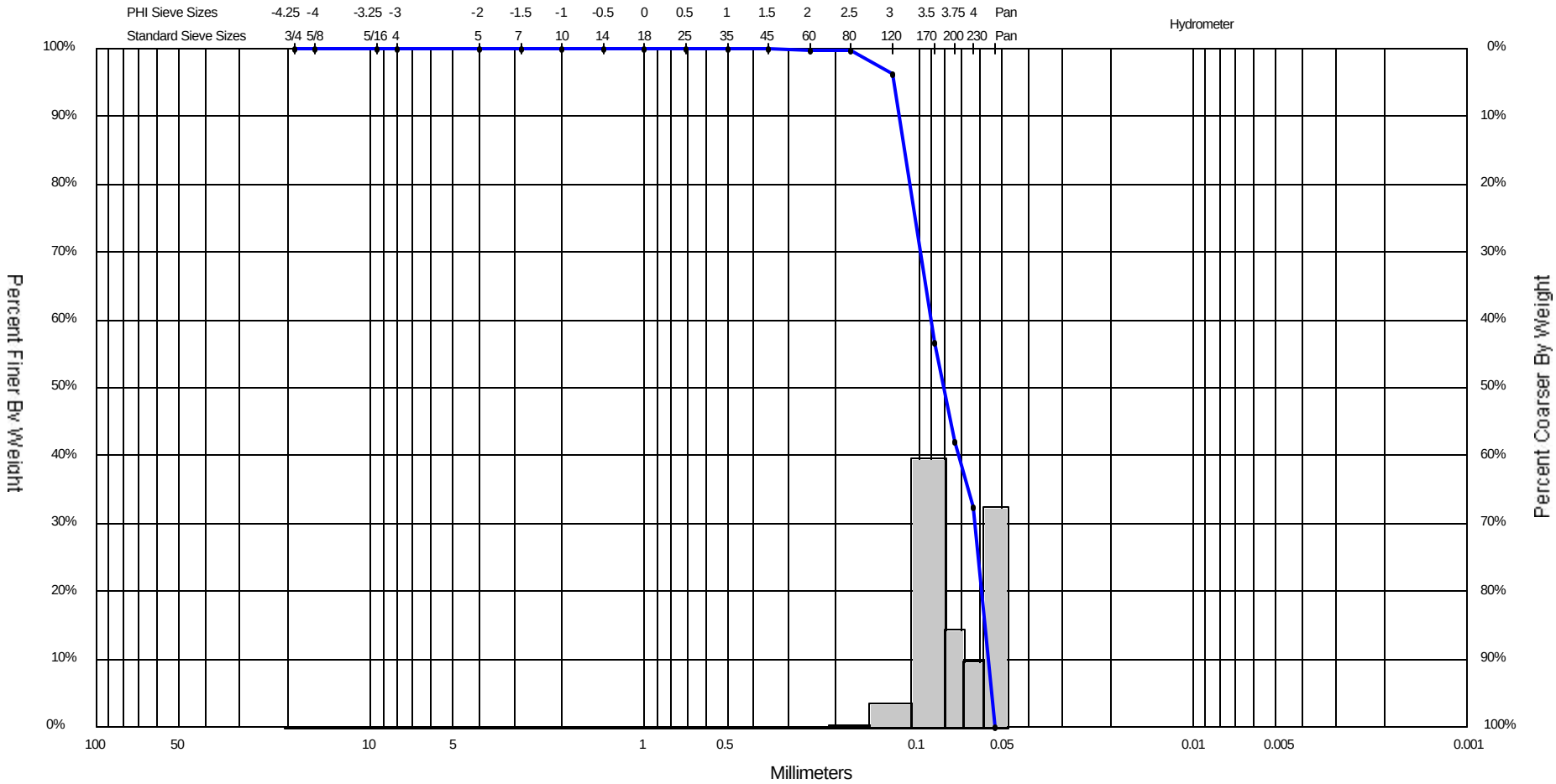

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-30A S#1		-30		SM	32.38	0.08	0.08	-0.02	1.12	0.50
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/25/02
Analyzed By:	ID
Easting (X):	3763768
Northing (Y):	294316
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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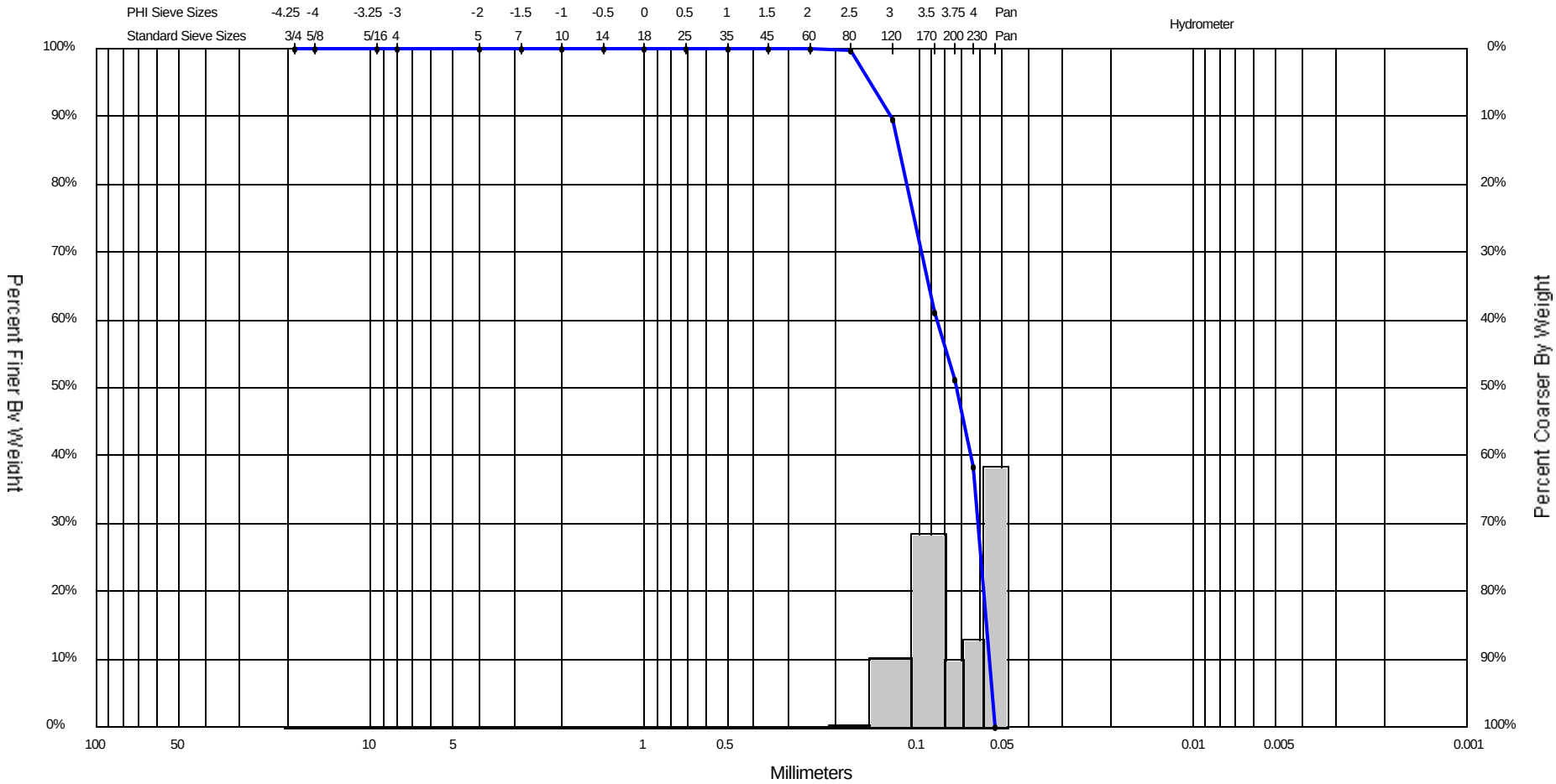

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-30A S#2		-32.2		ML	38.46	0.07	0.08	-0.33	1.35	0.59
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/25/02
Analyzed By:	ID
Easting (X):	3763768
Northing (Y):	294316
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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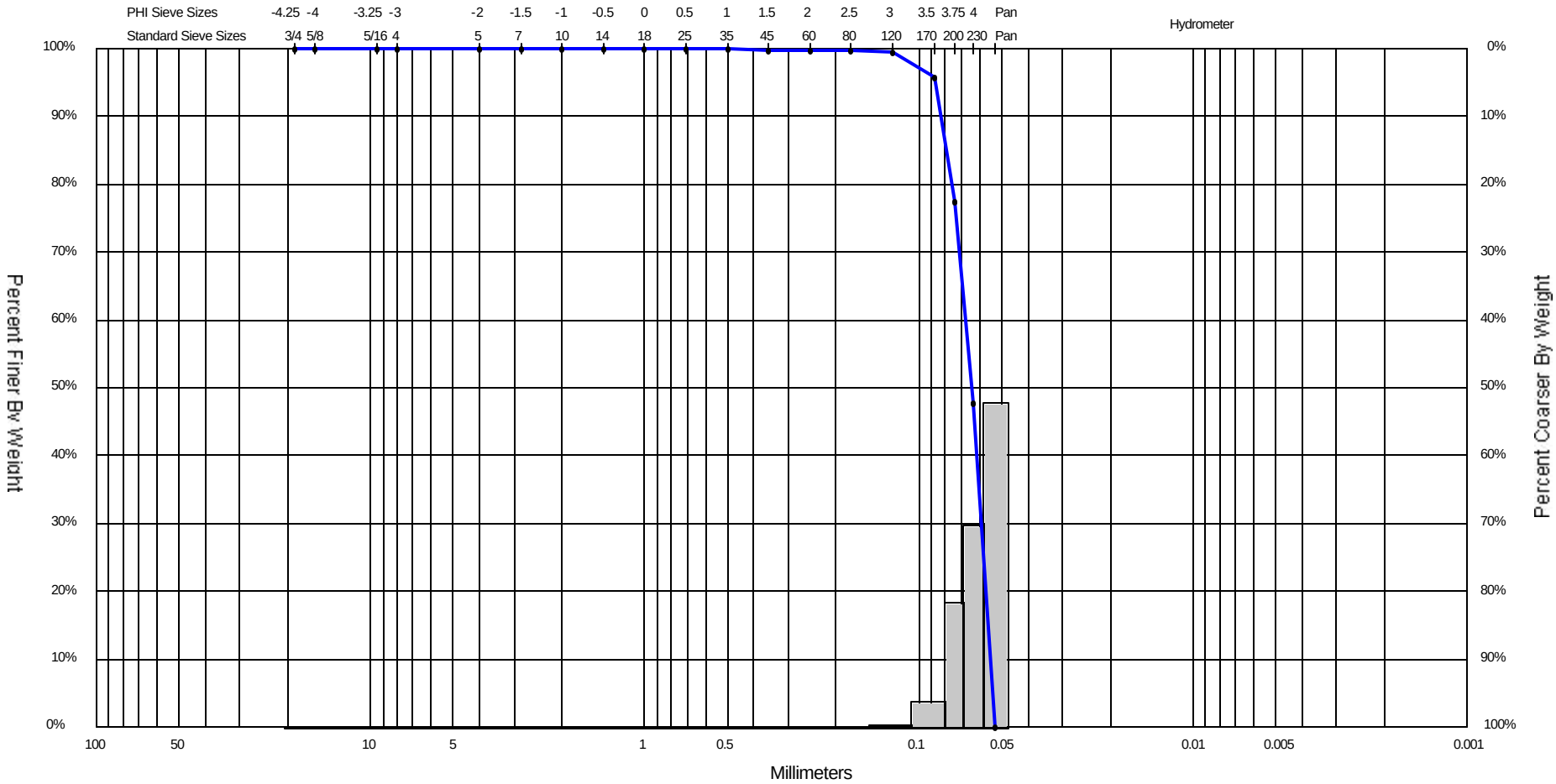

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-31 S#2		-17.3		ML	47.65	0.06	0.07	-0.29	1.36	0.27
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3764682
Northing (Y):	294190
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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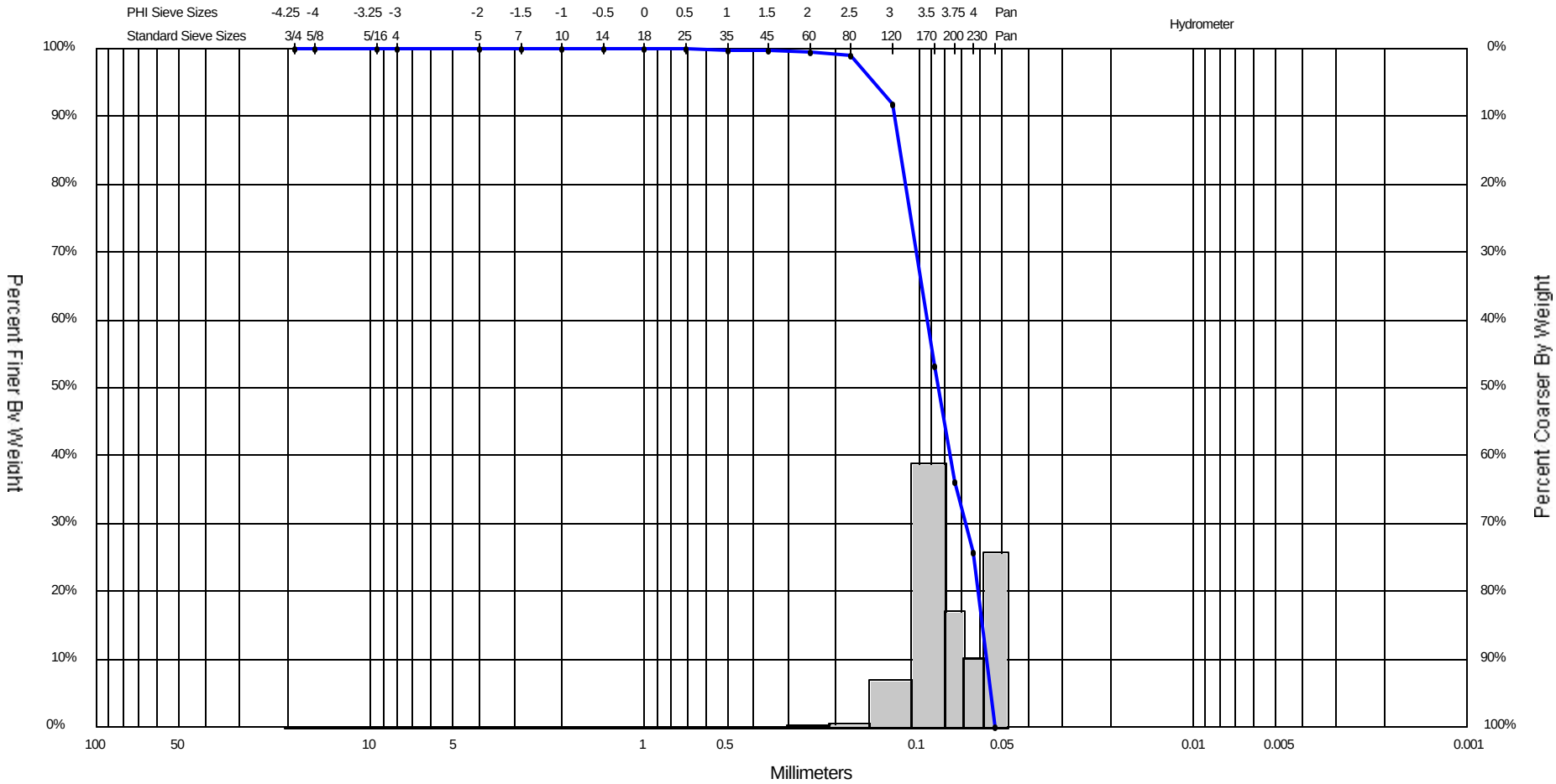

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-31 S#5		-30.3		SM	25.81	0.09	0.08	-0.12	1.29	0.55
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/14/02
Analyzed By:	ID
Easting (X):	3764682
Northing (Y):	294190
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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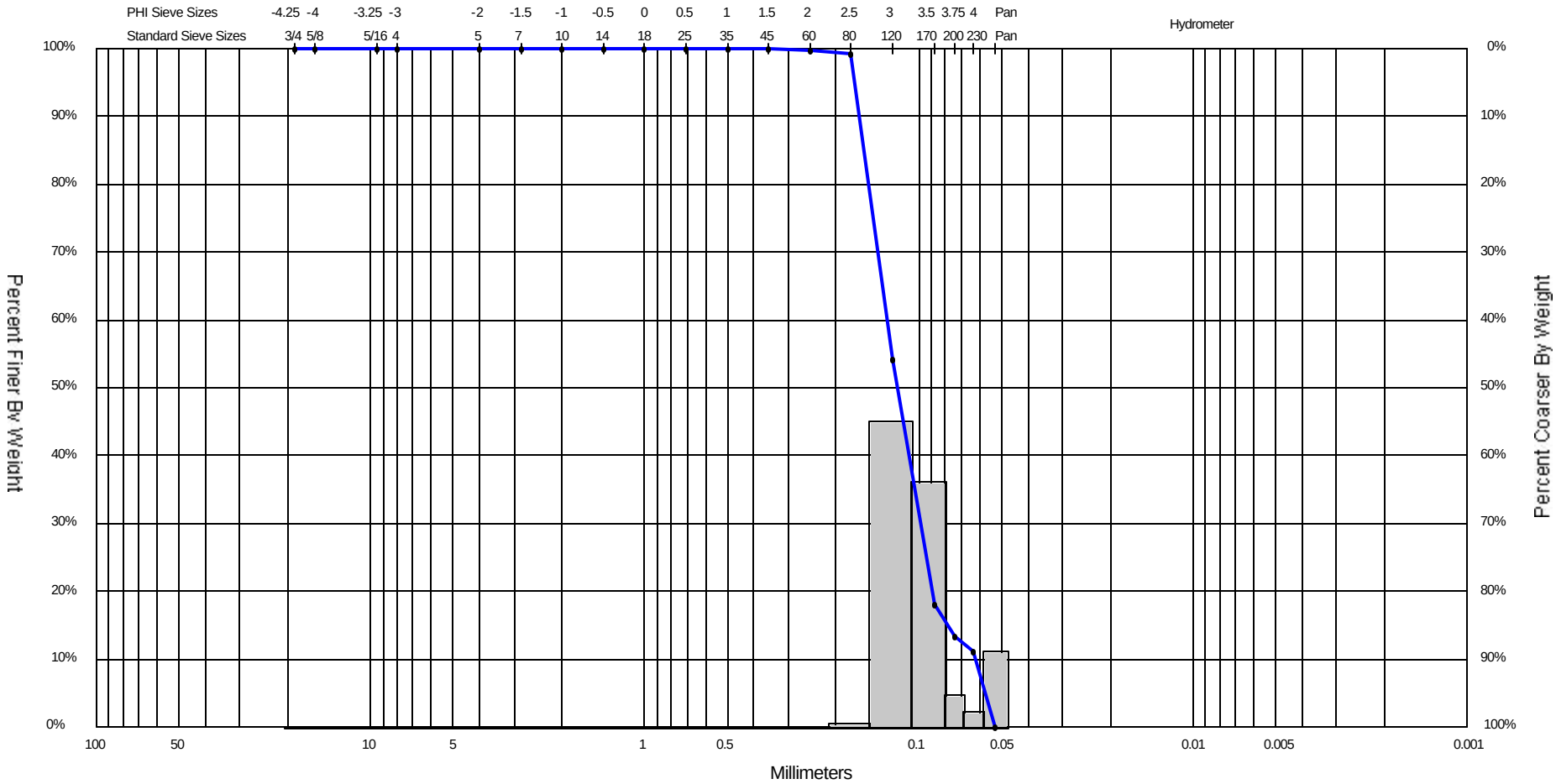

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-31 S#6		-33		SM	11.04	0.12	0.11	0.49	1.74	0.58
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/18/02
Analyzed By:	ID
Easting (X):	3764682
Northing (Y):	294190
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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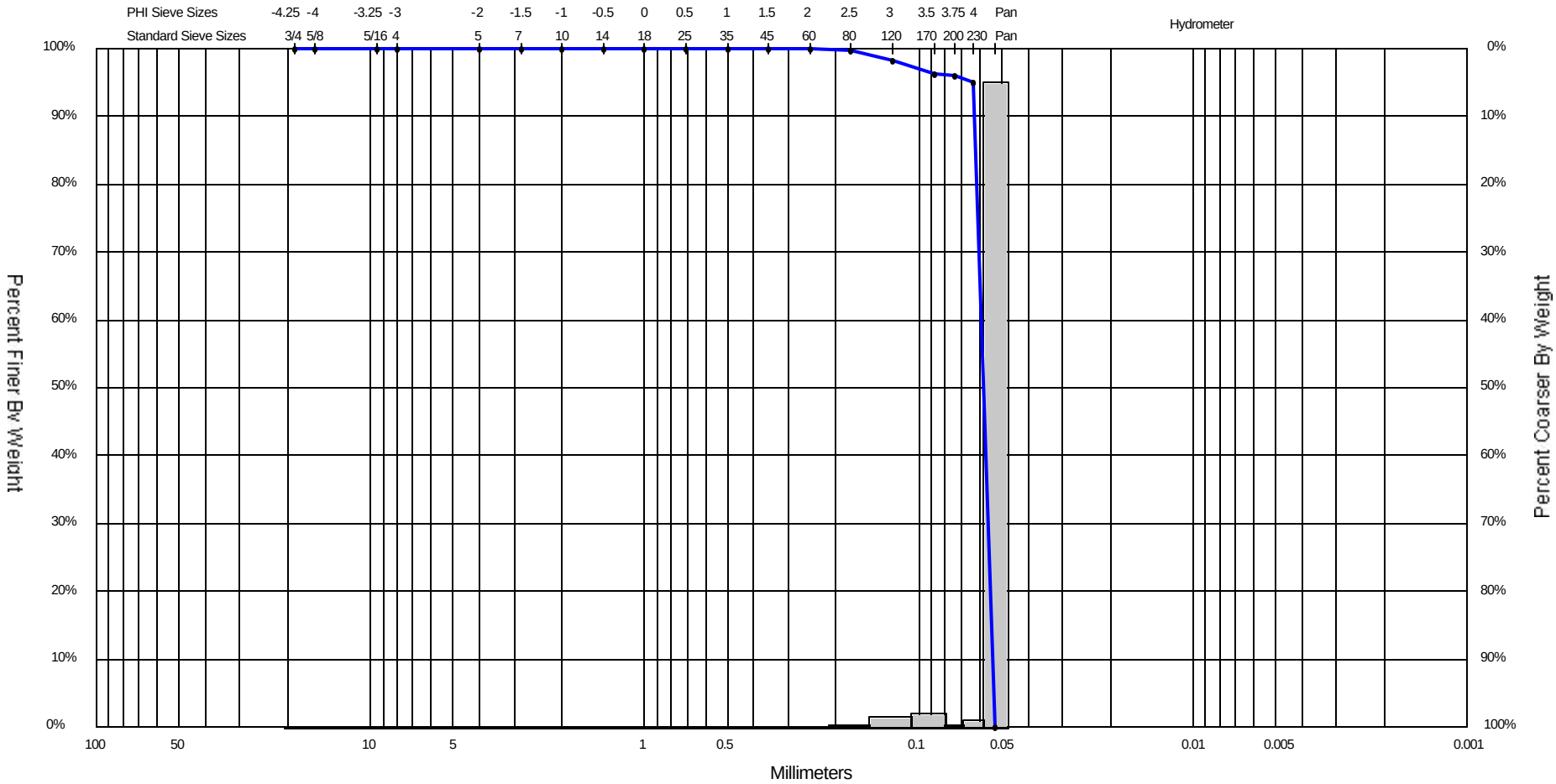

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-32 S#1		-19.2		ML	95.09	0.06	0.06	0.00	1.21	0.09
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/22/02
Analyzed By:	ID
Easting (X):	3763663
Northing (Y):	293233
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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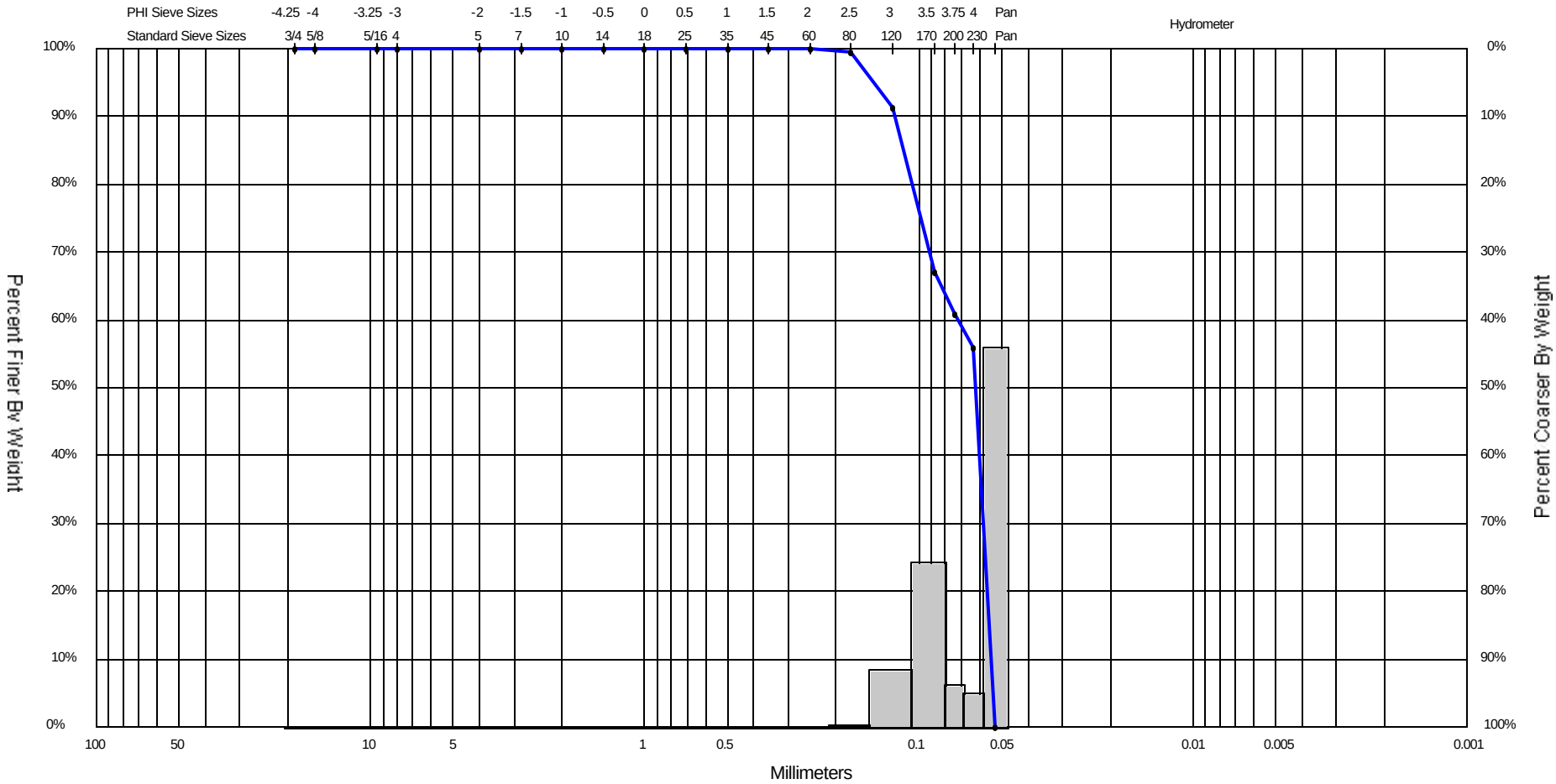

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-32 S#2		-22.7		ML	55.88	0.06	0.08	-0.46	1.36	0.59
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/22/02
Analyzed By:	ID
Easting (X):	3763663
Northing (Y):	293233
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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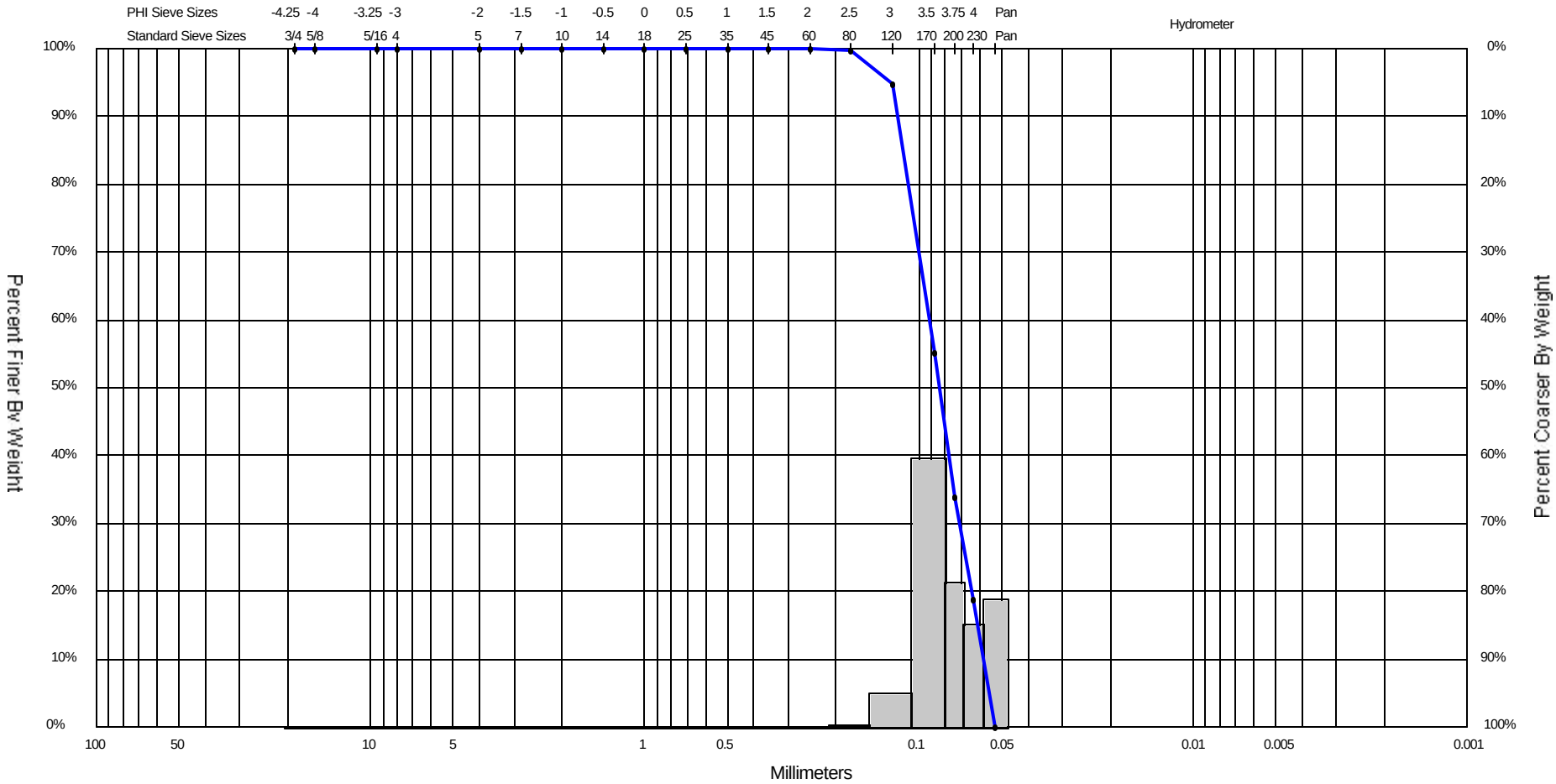

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-32 S#3		-27.2		SM	18.93	0.08	0.08	0.02	1.23	0.48
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/22/02
Analyzed By:	ID
Easting (X):	3763663
Northing (Y):	293233
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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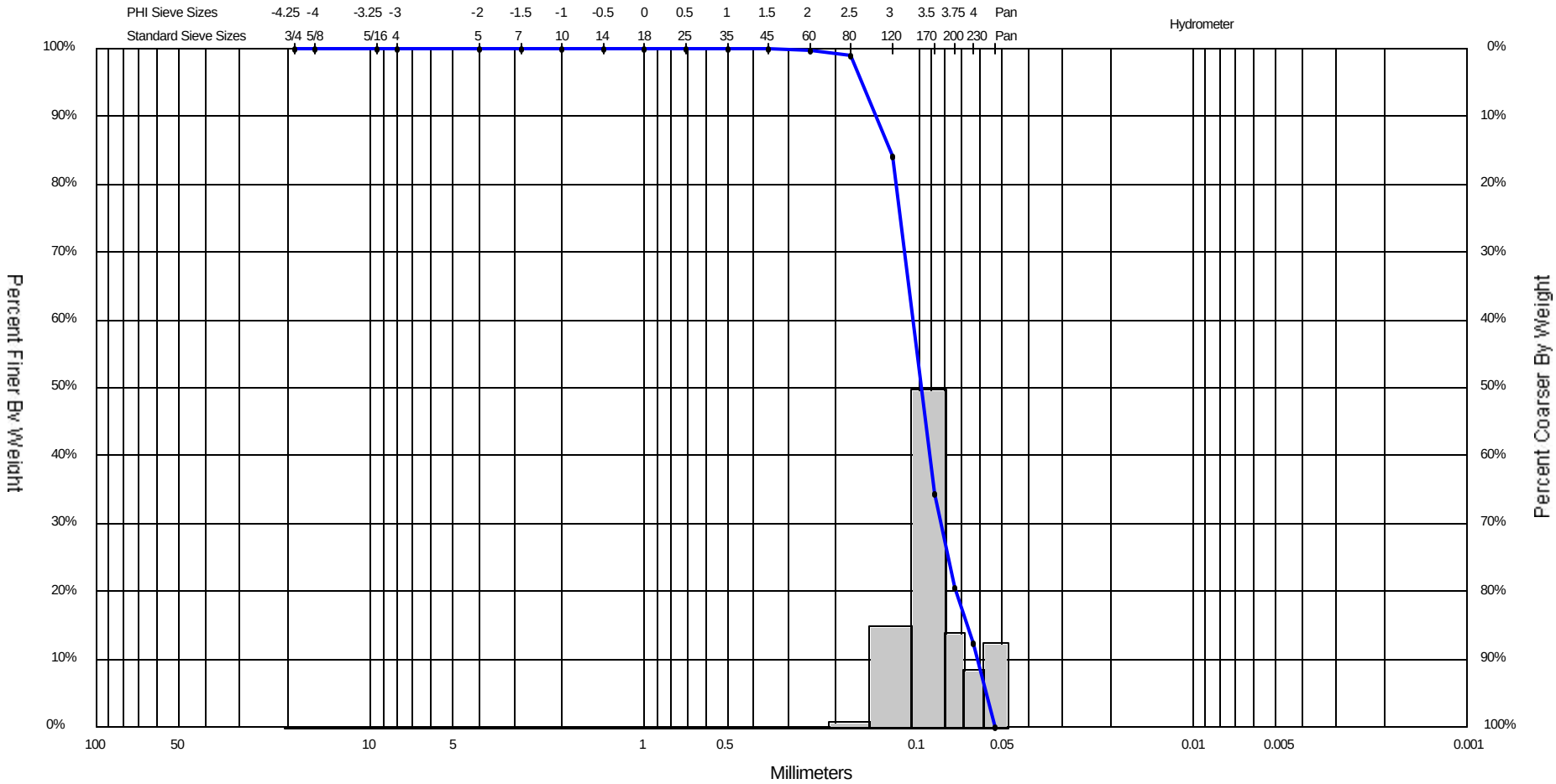

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-32 S#4		-29.2		SM	12.32	0.10	0.09	0.03	1.54	0.53
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/25/02
Analyzed By:	ID
Easting (X):	3763663
Northing (Y):	293233
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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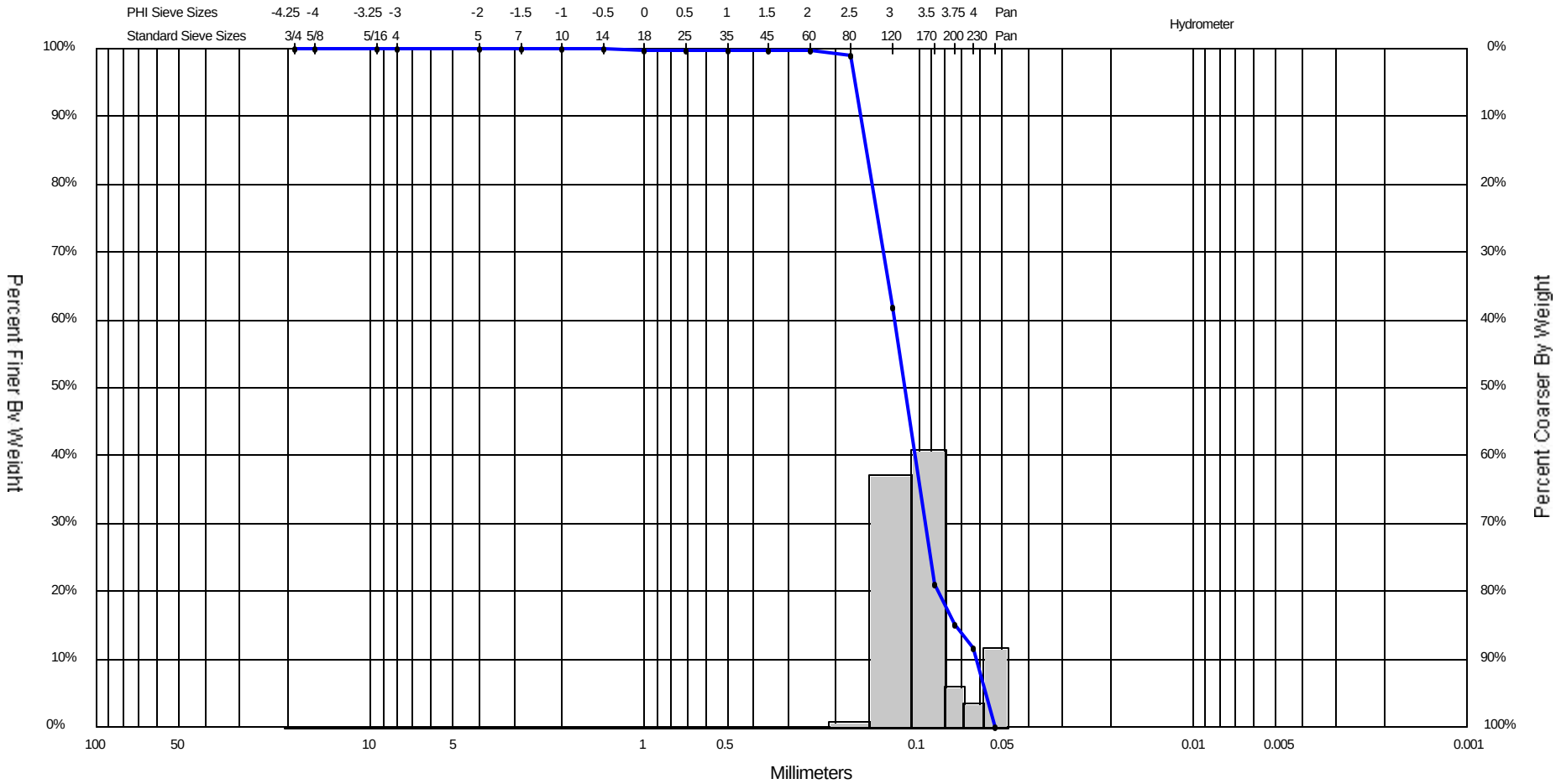

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-32A S#1		-32.2		SM	11.63	0.11	0.11	0.36	1.59	0.58
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/25/02
Analyzed By:	ID
Easting (X):	3763663
Northing (Y):	293235
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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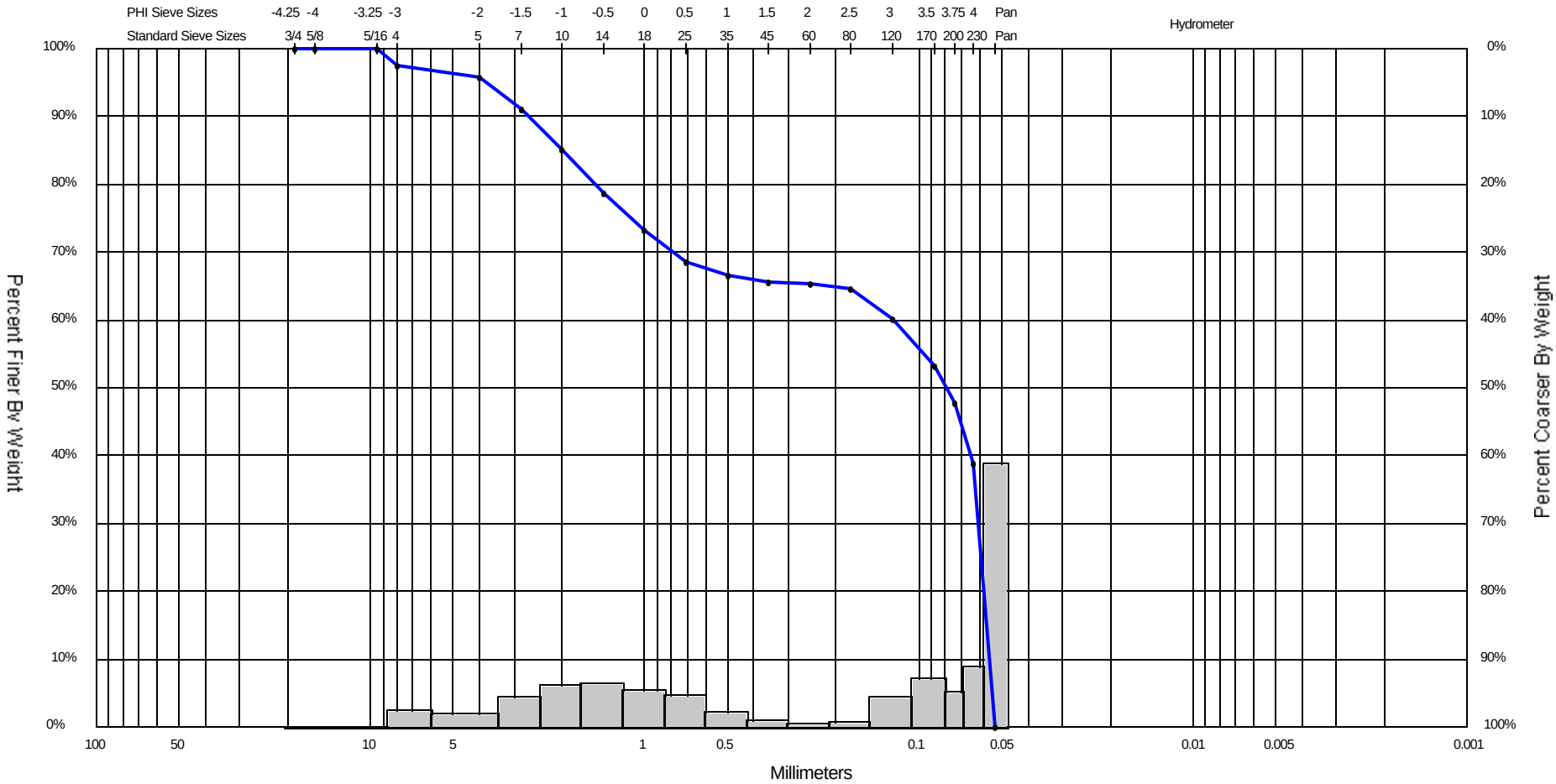

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-33 S#1		-17.2		SM	38.87	0.08	0.27	-0.35	1.11	2.74
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3763163
Northing (Y):	292428
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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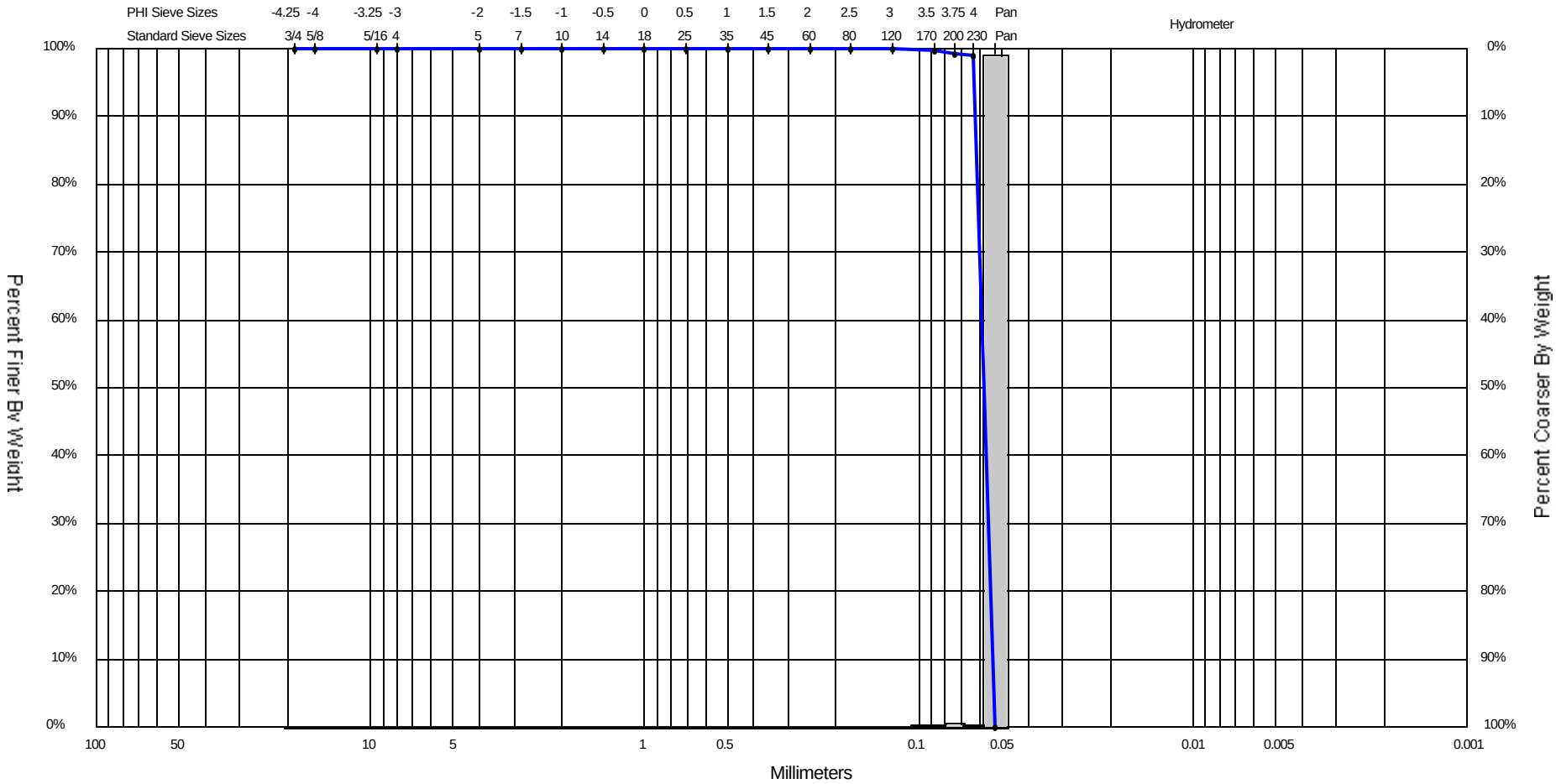

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-33 S#2		-19.4		ML	99.07	0.06	0.06	0.00	1.21	0.09
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/02/02
Analyzed By:	ID
Easting (X):	3763167
Northing (Y):	292428
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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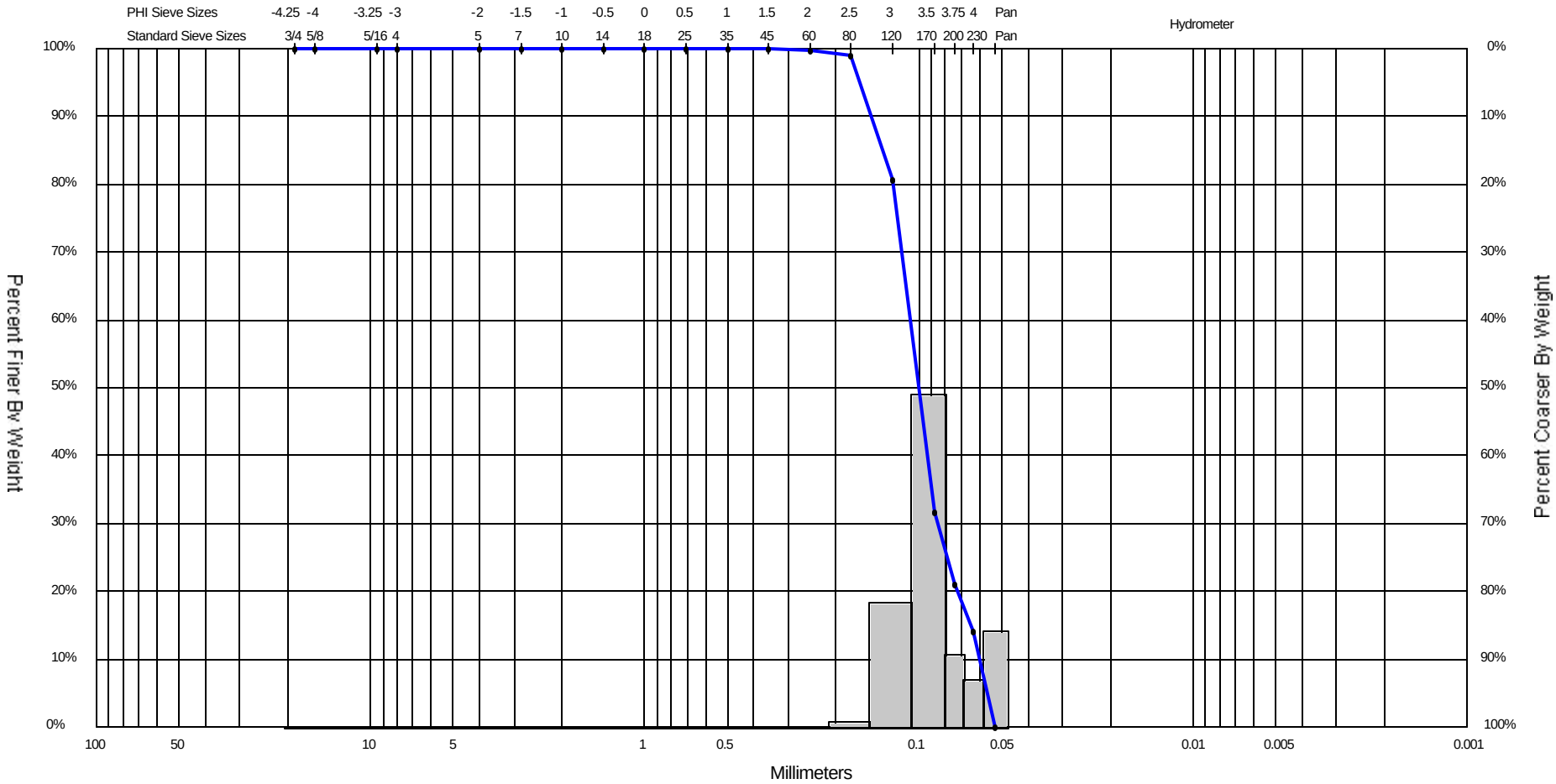

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-33 S#3		-24.9		SM	14.21	0.10	0.10	0.08	1.45	0.57
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/22/02
Analyzed By:	ID
Easting (X):	3763163
Northing (Y):	292428
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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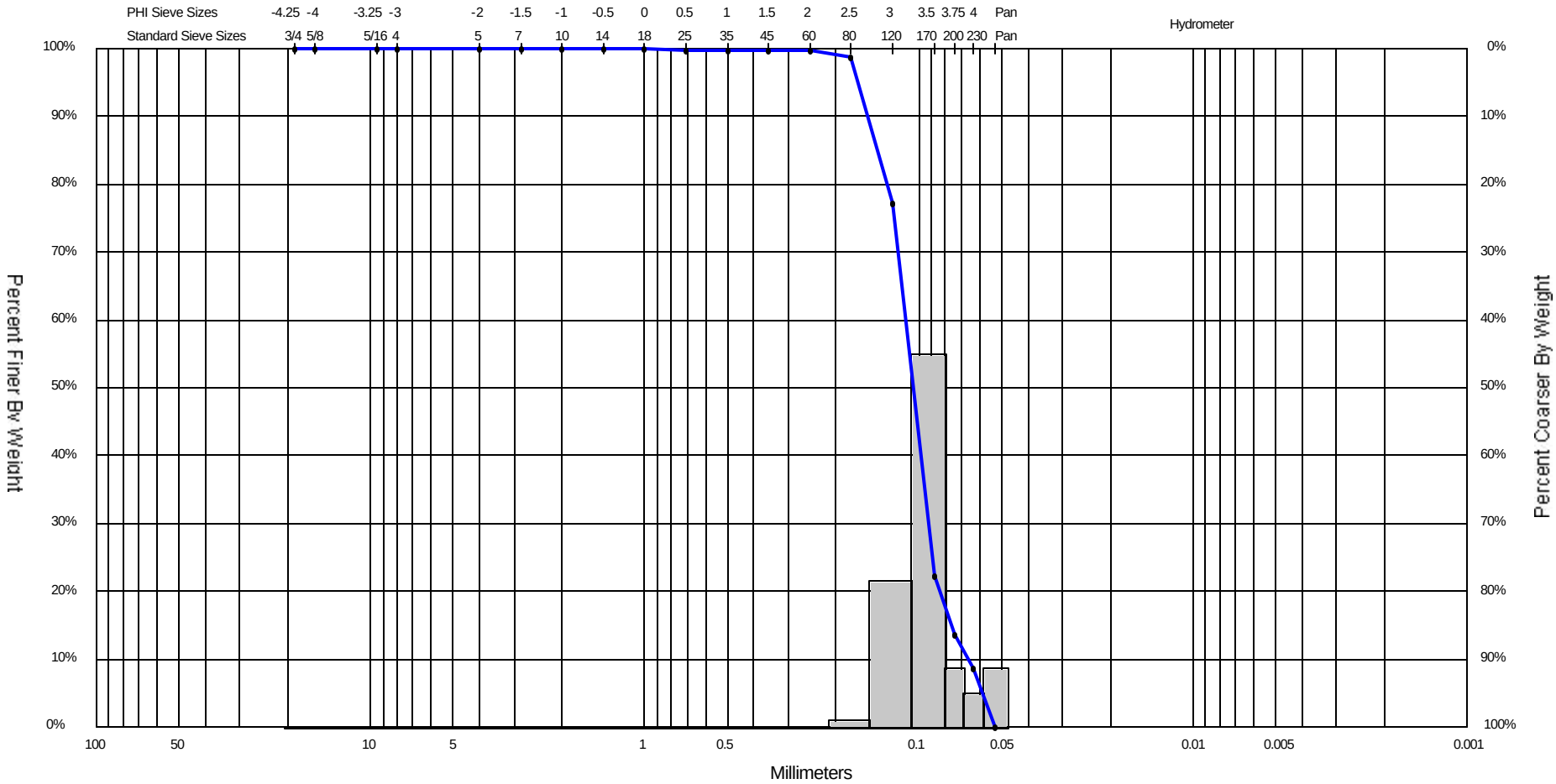

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-33 S#4		-29.4		SM	8.66	0.11	0.10	0.24	1.75	0.52
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/22/02
Analyzed By:	ID
Easting (X):	3763163
Northing (Y):	292428
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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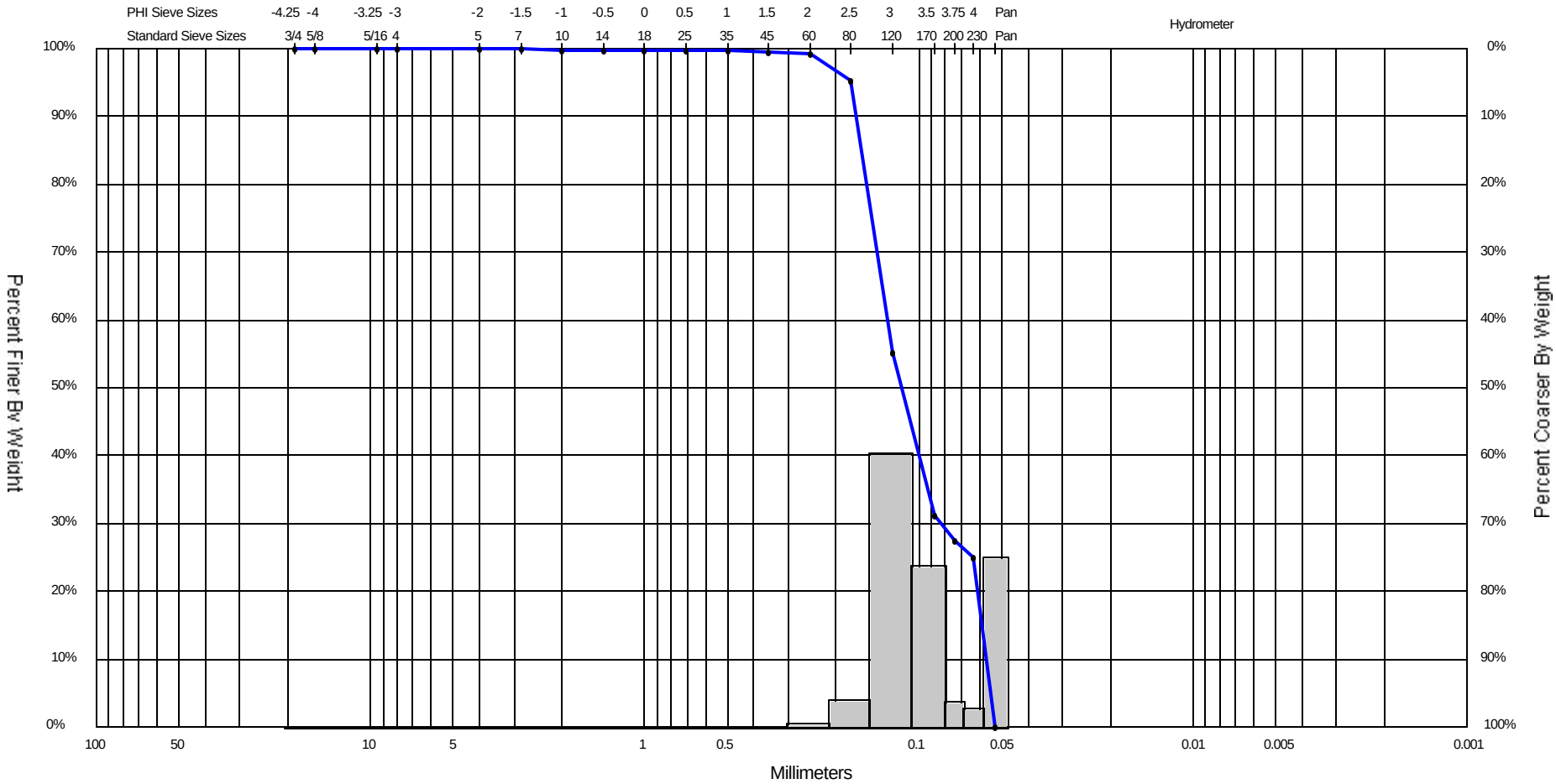

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-33A S#1		-31.9		SM	24.96	0.12	0.10	0.13	1.04	0.74
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/22/02
Analyzed By:	ID
Easting (X):	3763192
Northing (Y):	292455
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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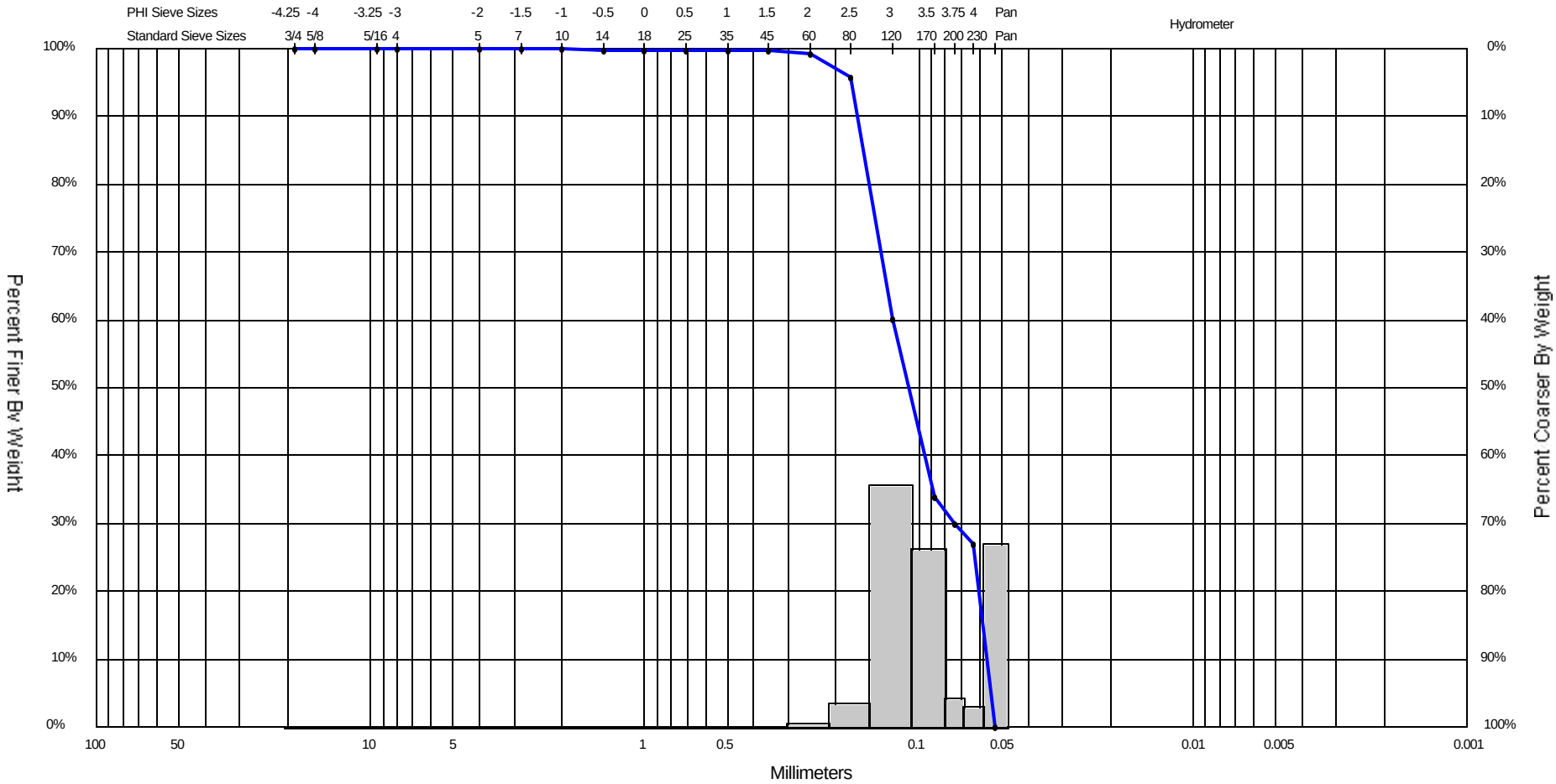

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-33A S#2		-32.8		SM	26.98	0.11	0.10	0.09	1.06	0.74
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/03/02
Analyzed By:	ID
Easting (X):	3763192
Northing (Y):	292455
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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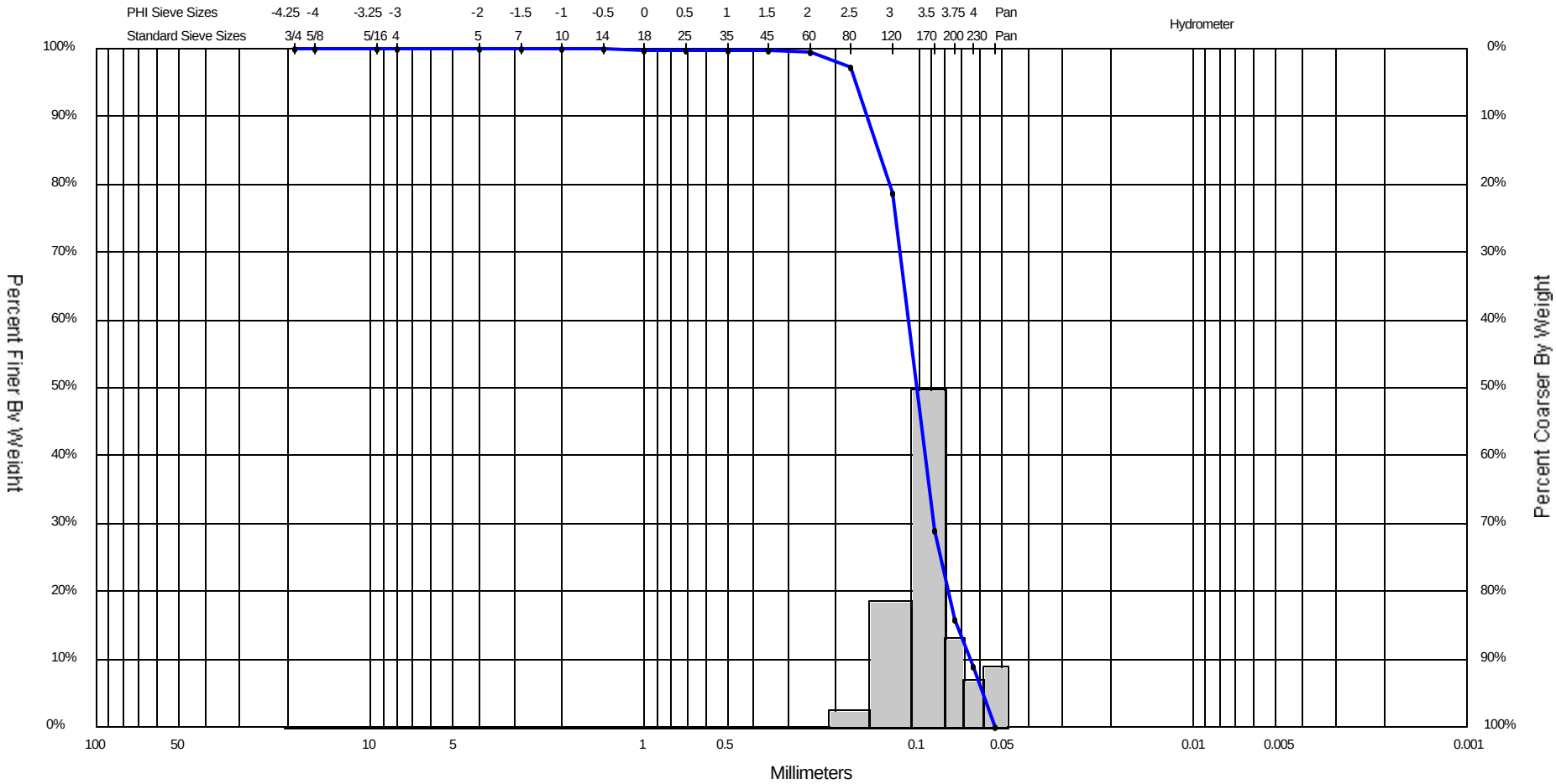

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-34 S#4		-26.1		SM	8.93	0.10	0.10	0.08	1.61	0.54
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/22/02
Analyzed By:	ID
Easting (X):	3760148
Northing (Y):	290657
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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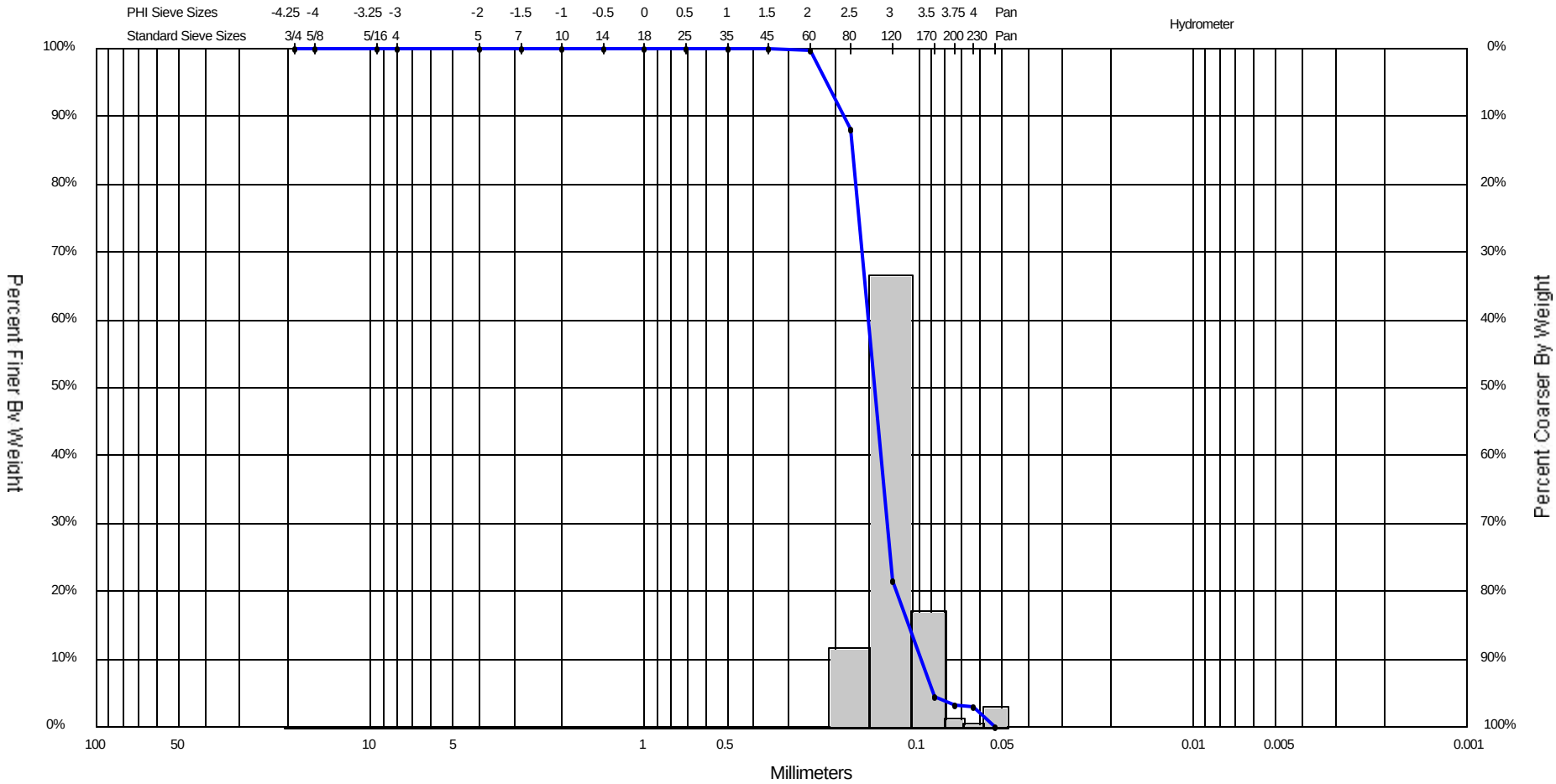

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-34 S#5		-29.6		SP	2.85	0.14	0.14	0.15	1.81	0.43
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/02/02
Analyzed By:	ID
Easting (X):	3760148
Northing (Y):	290657
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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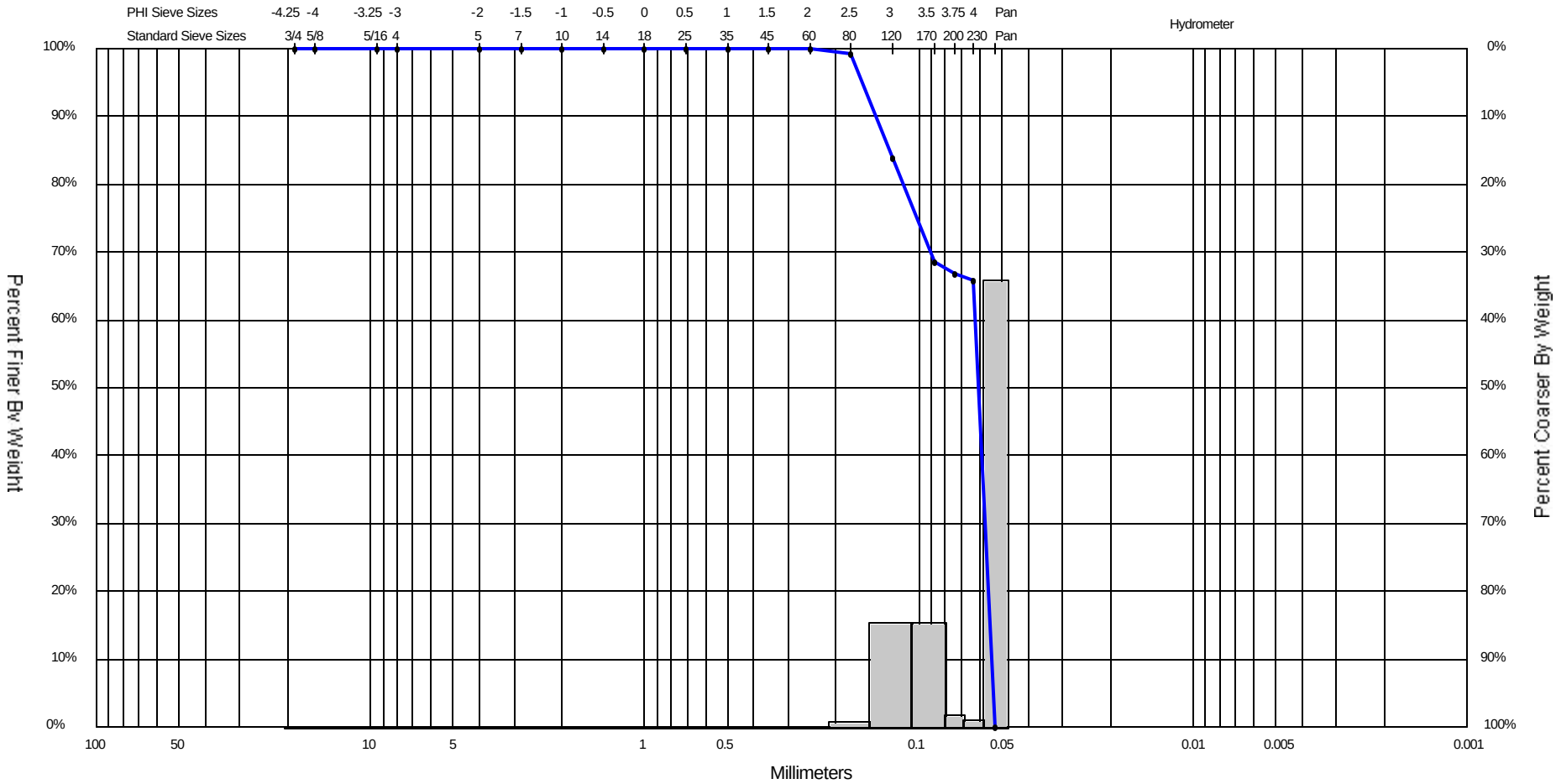

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-34A S#1		-33.3		ML	65.76	0.06	0.08	-0.47	1.34	0.66
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/30/02
Analyzed By:	ID
Easting (X):	3760150
Northing (Y):	290653
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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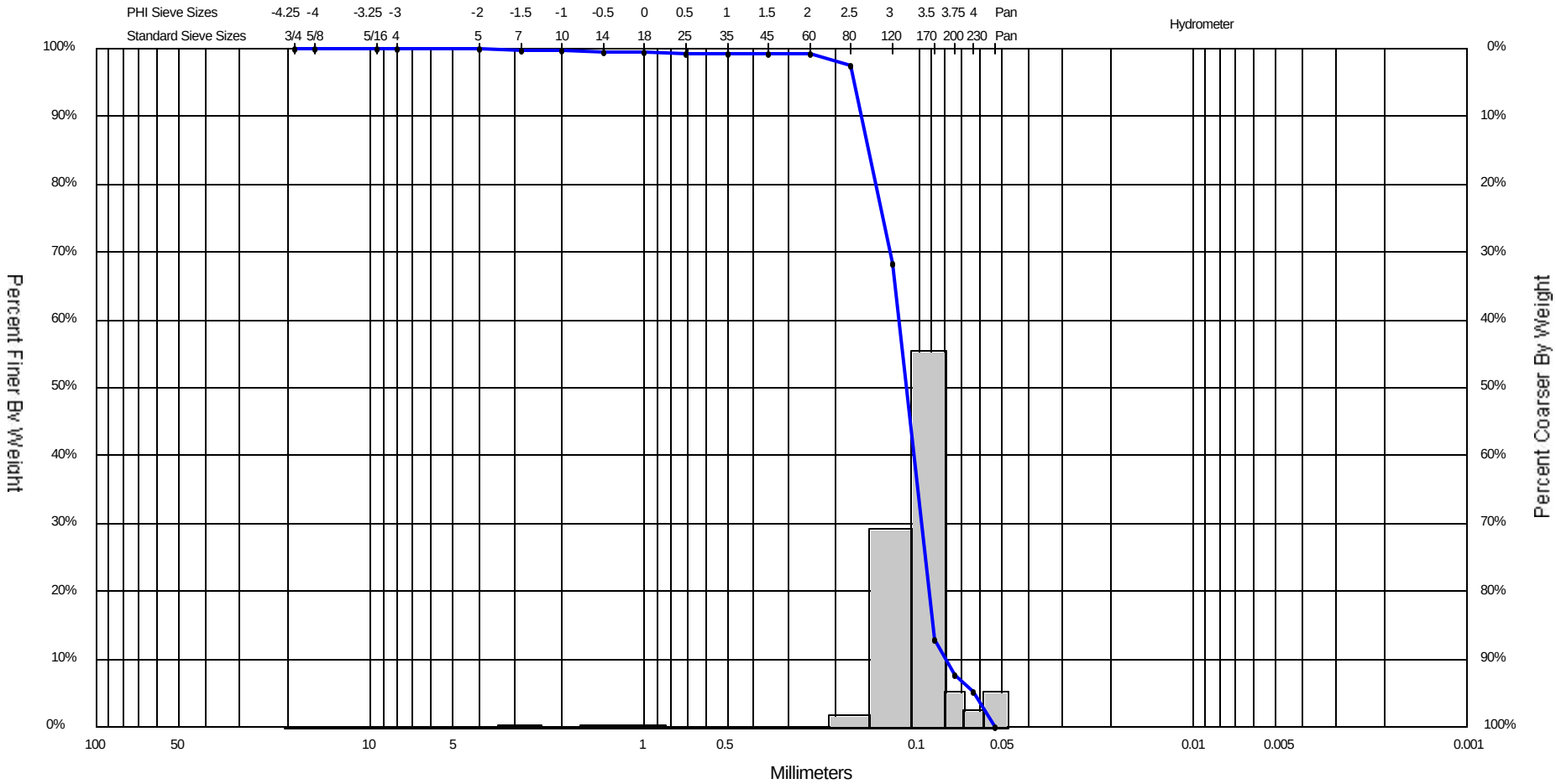

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-35 S#2		-26.5		SW-SM	5.15	0.11	0.11	0.36	1.85	0.50
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3764120
Northing (Y):	292379
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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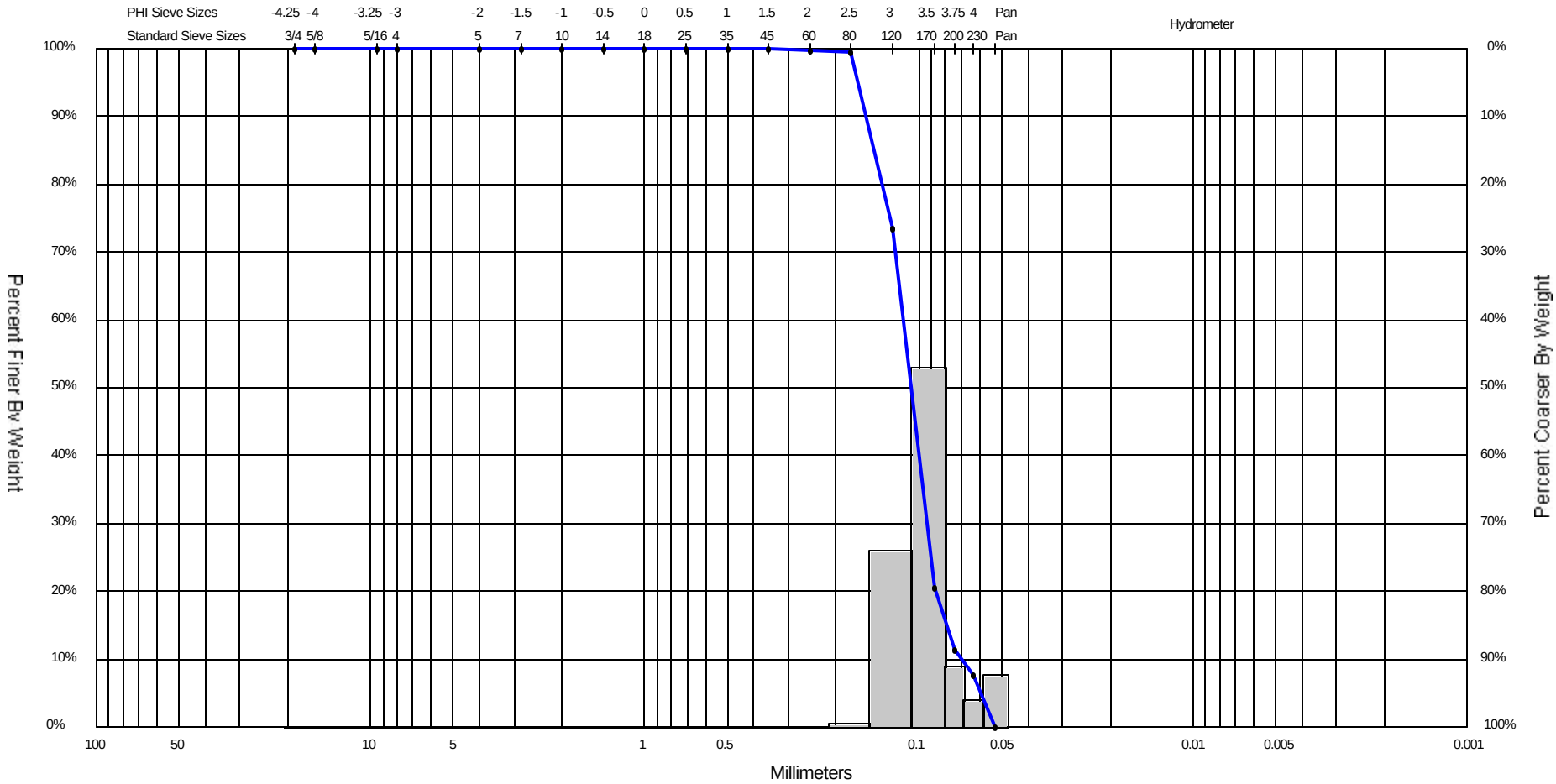

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-35 S#3		-30.1		SW-SM	7.59	0.11	0.11	0.29	1.75	0.52
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3764120
Northing (Y):	292379
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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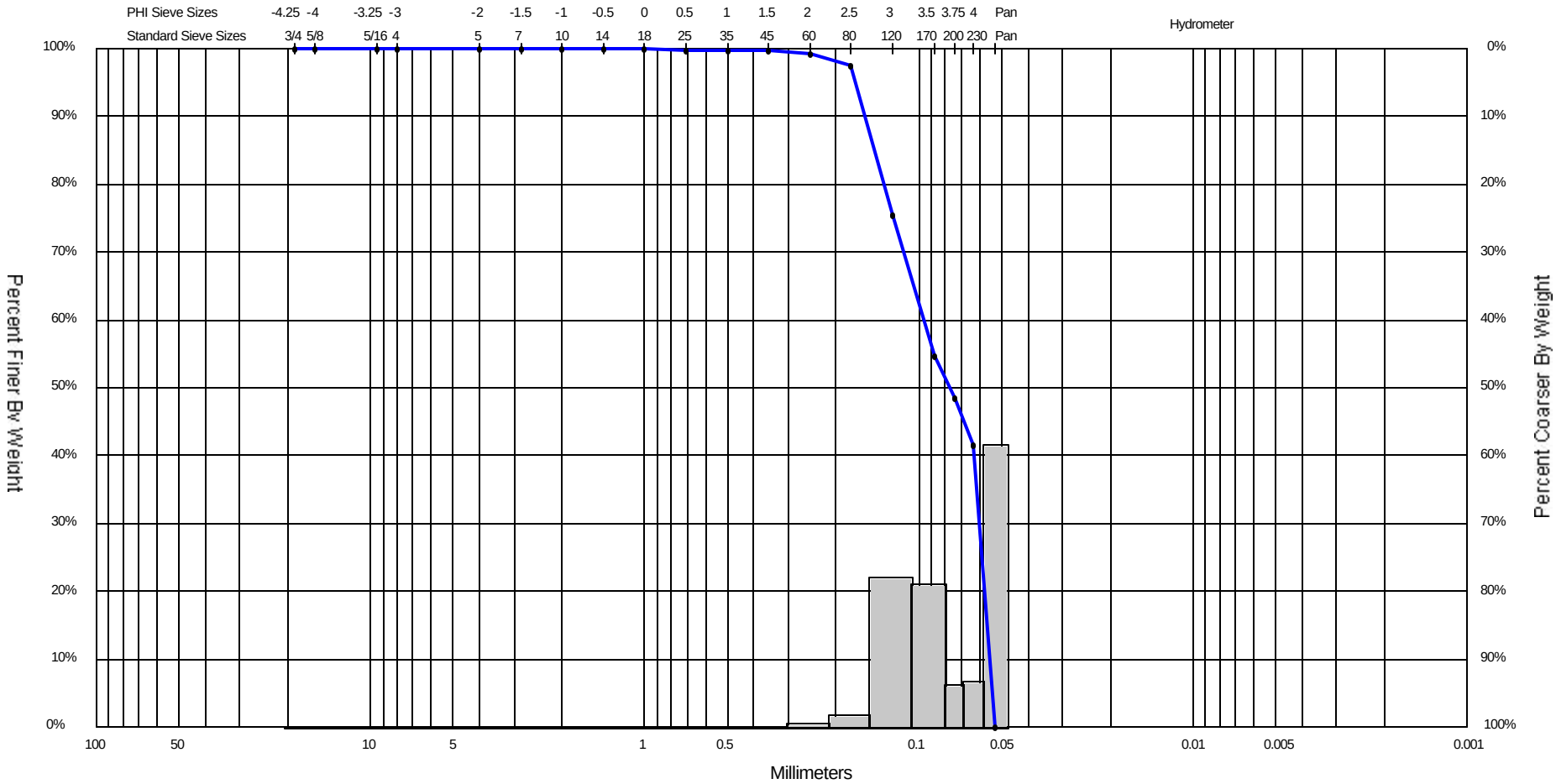

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-35 S#4		-32.8		SM	41.63	0.08	0.09	-0.22	1.15	0.70
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/10//02
Analyzed By:	ID
Easting (X):	3764120
Northing (Y):	292379
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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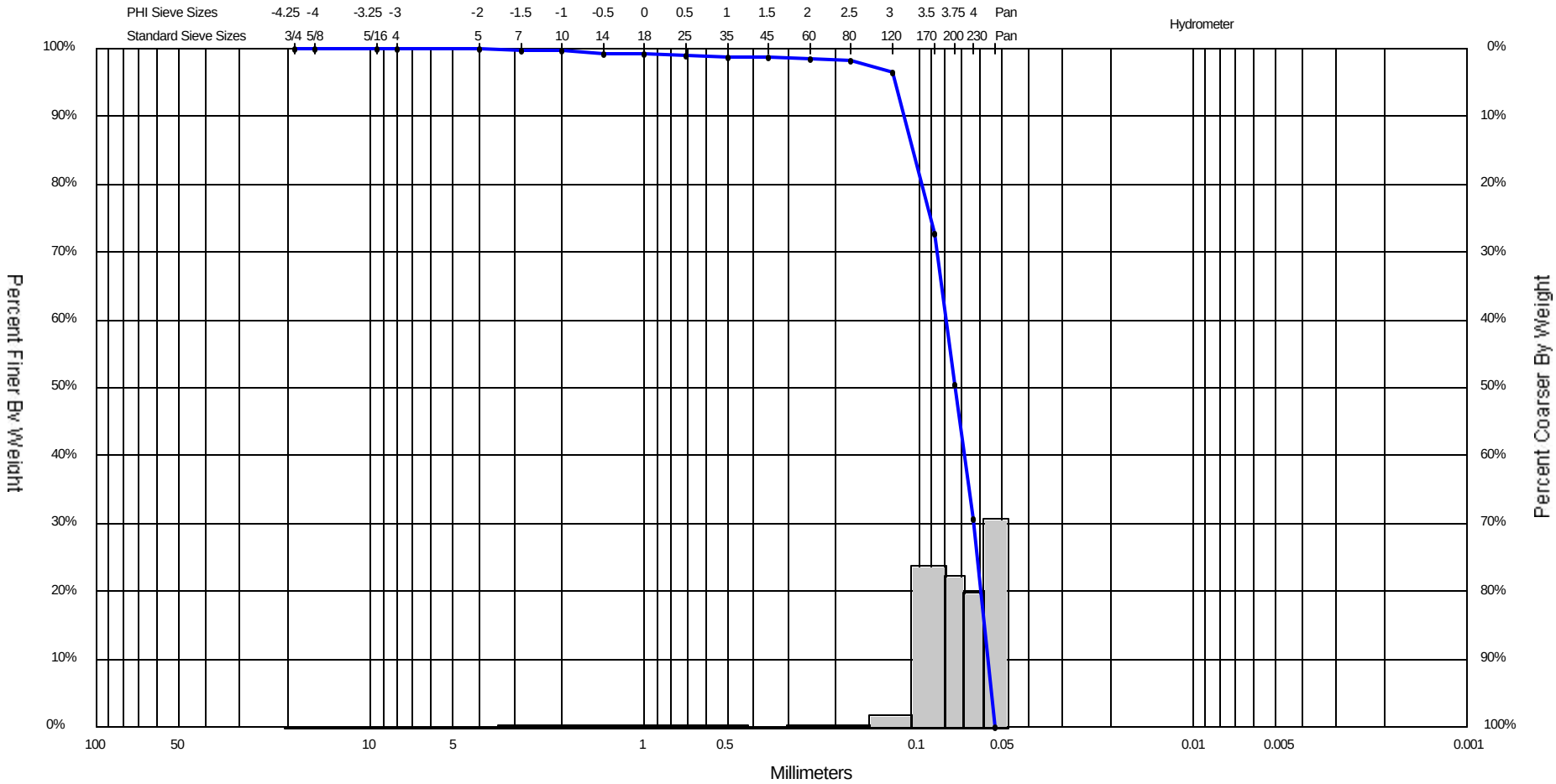

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-38 S#1		-15.3		ML	30.81	0.07	0.08	-0.24	1.33	0.46
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/11/02
Analyzed By:	ID
Easting (X):	3759147
Northing (Y):	290598
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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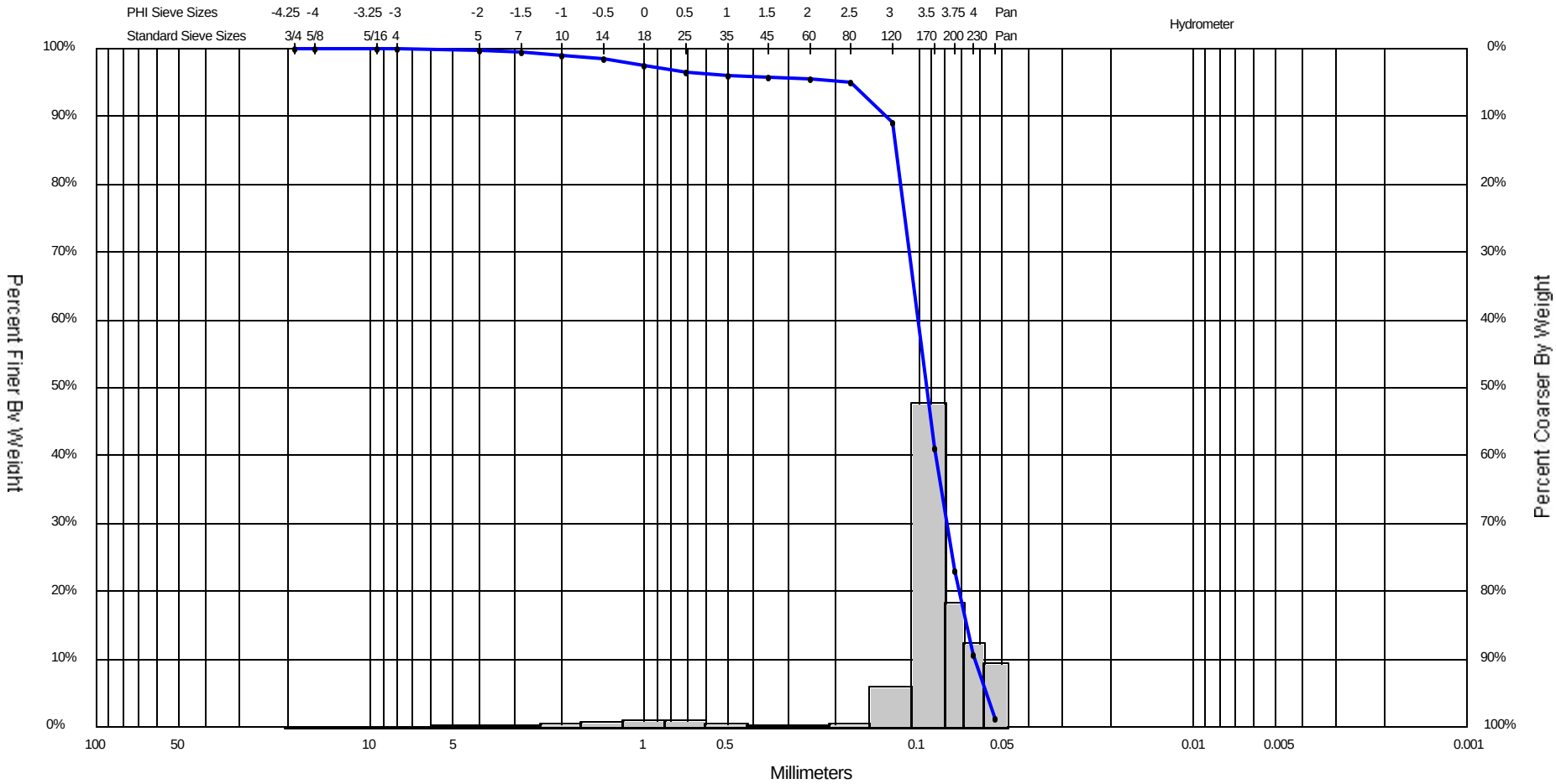

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-38 S#3		-16.5		SM	10.69	0.09	0.09	-0.26	1.78	0.56
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/21/02
Analyzed By:	ID
Easting (X):	3759147
Northing (Y):	290598
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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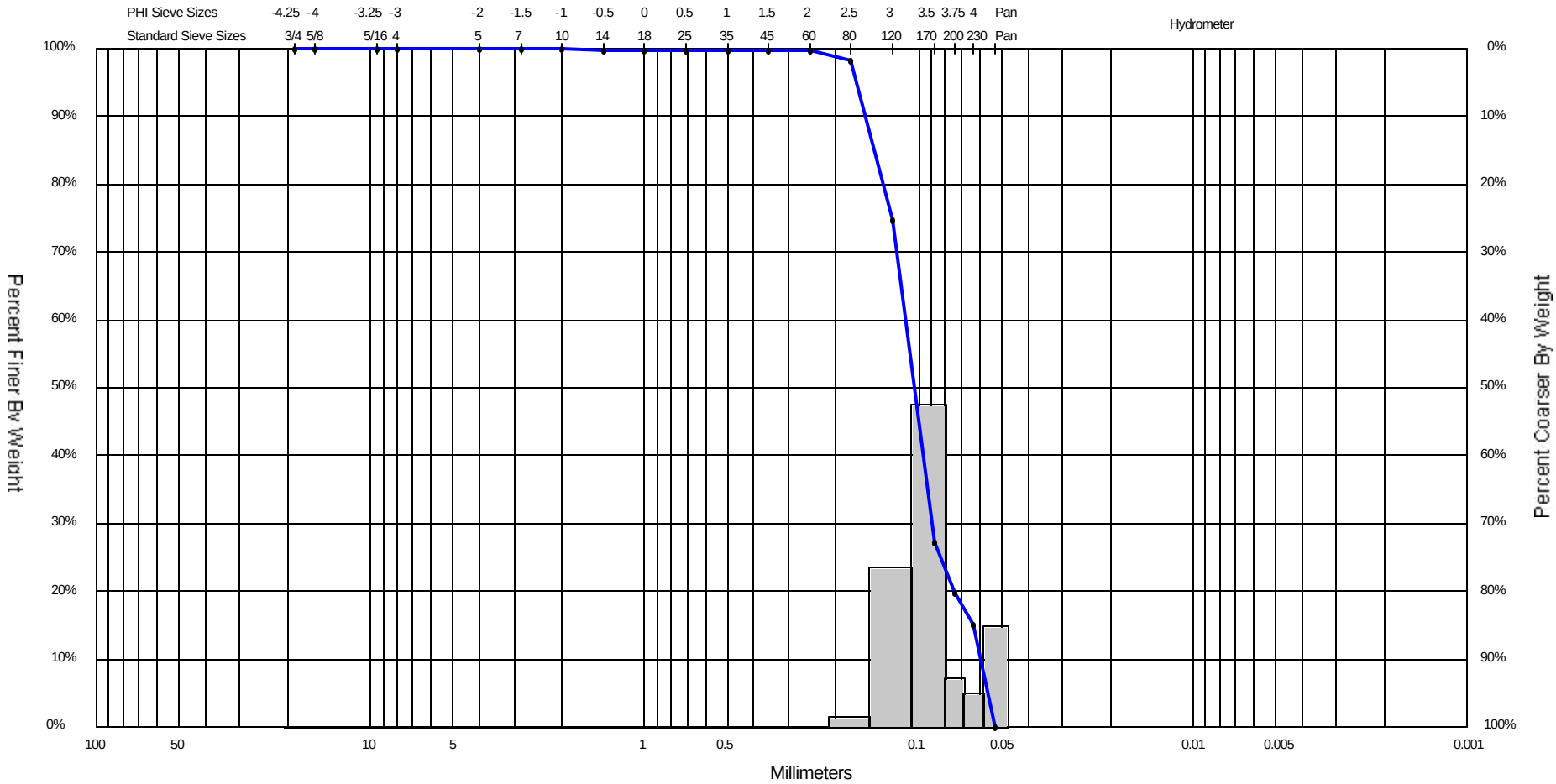

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-38 S#5		-21.6		SM	14.98	0.10	0.10	0.17	1.43	0.59
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3759147
Northing (Y):	290598
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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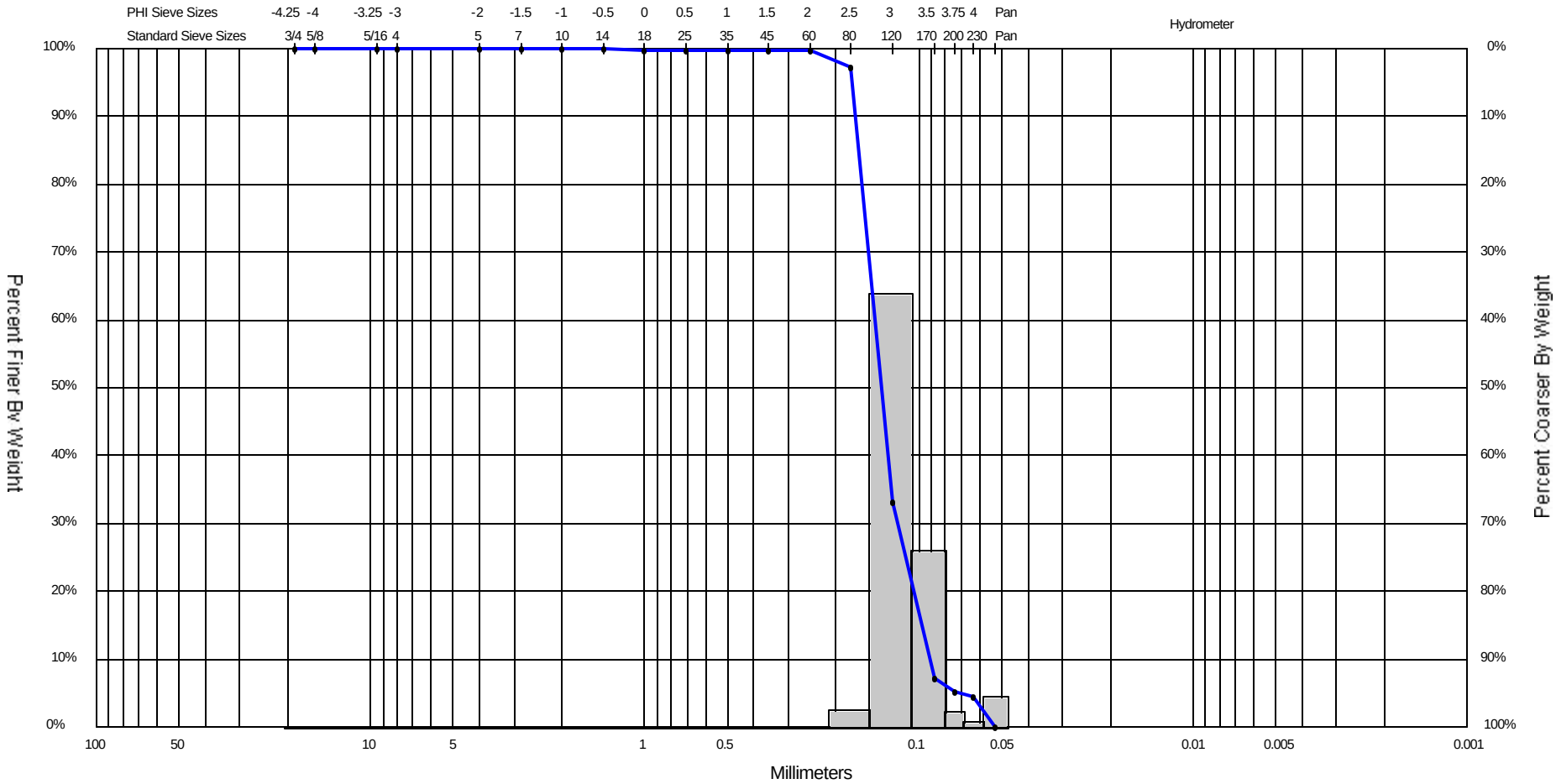

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-38 S#7		-28.6		SW-SM	4.37	0.14	0.13	0.61	1.88	0.46
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3759147
Northing (Y):	290598
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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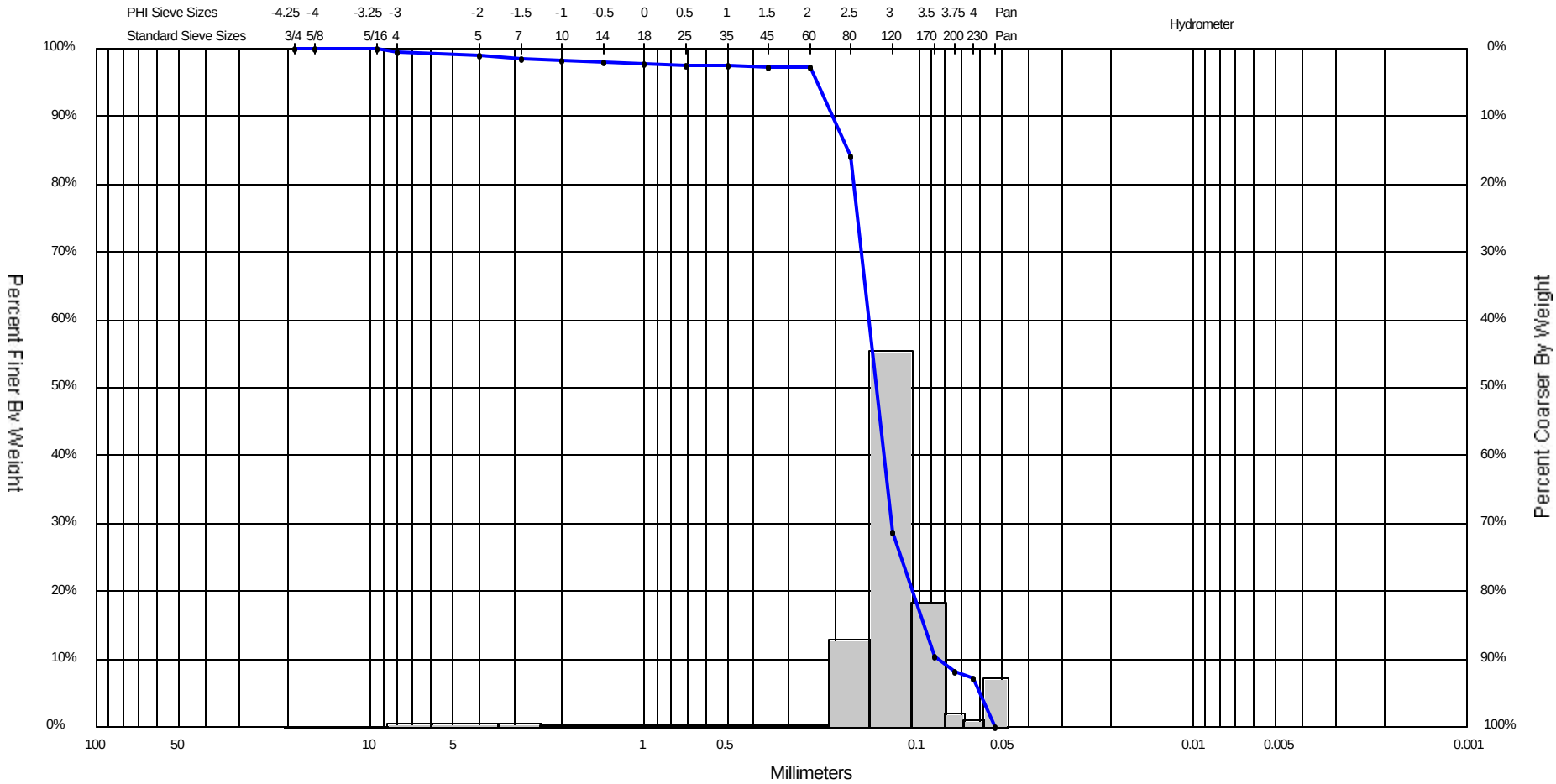

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-38A S#1		-32.2		SW-SM	7.24	0.14	0.13	0.52	2.15	0.65
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/18/02
Analyzed By:	ID
Easting (X):	3759149
Northing (Y):	290600
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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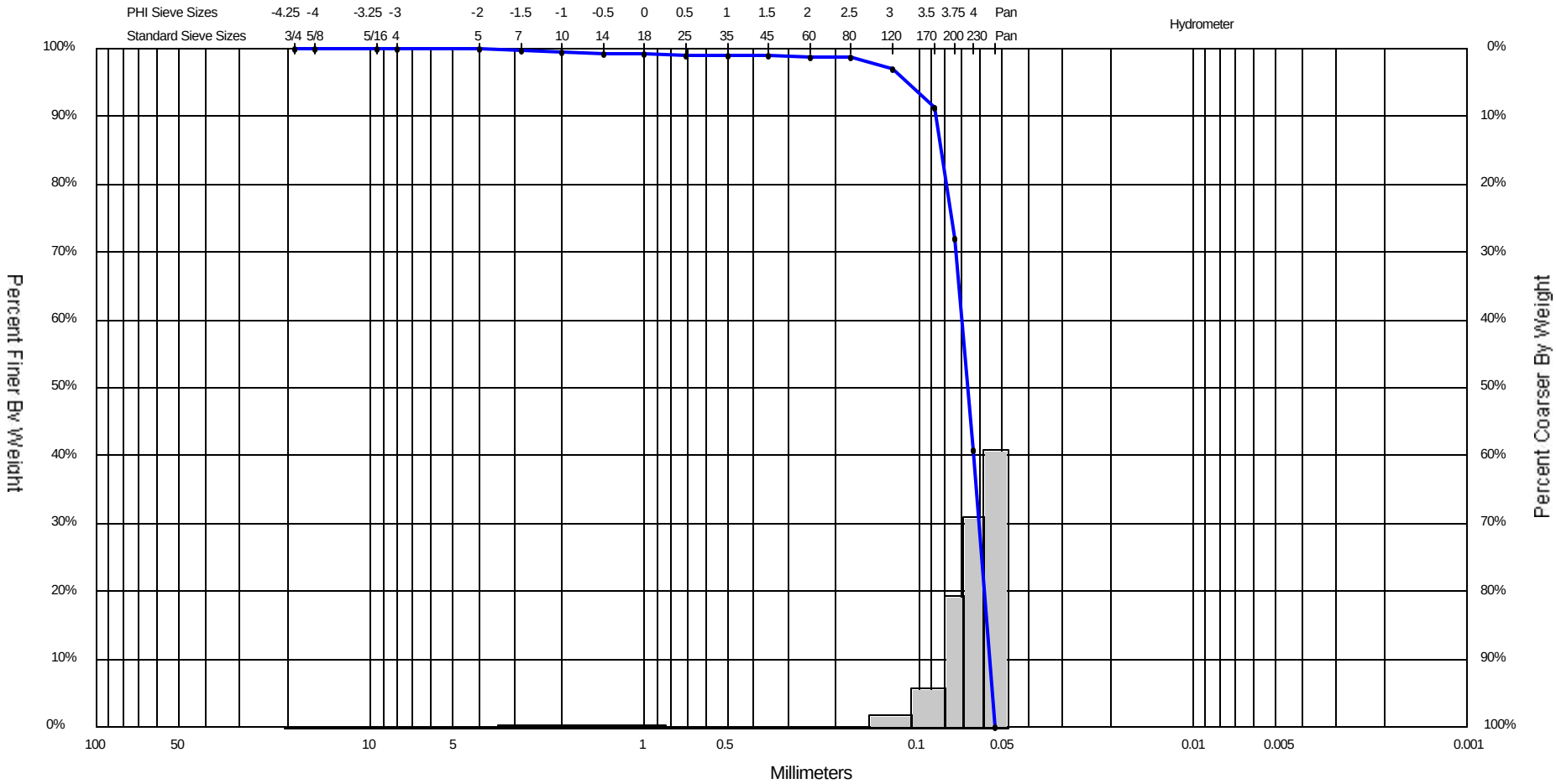

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-40 S#1		-15.7		ML	40.96	0.07	0.07	-0.65	2.00	0.37
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/10/02
Analyzed By:	ID
Easting (X):	3760706
Northing (Y):	293316
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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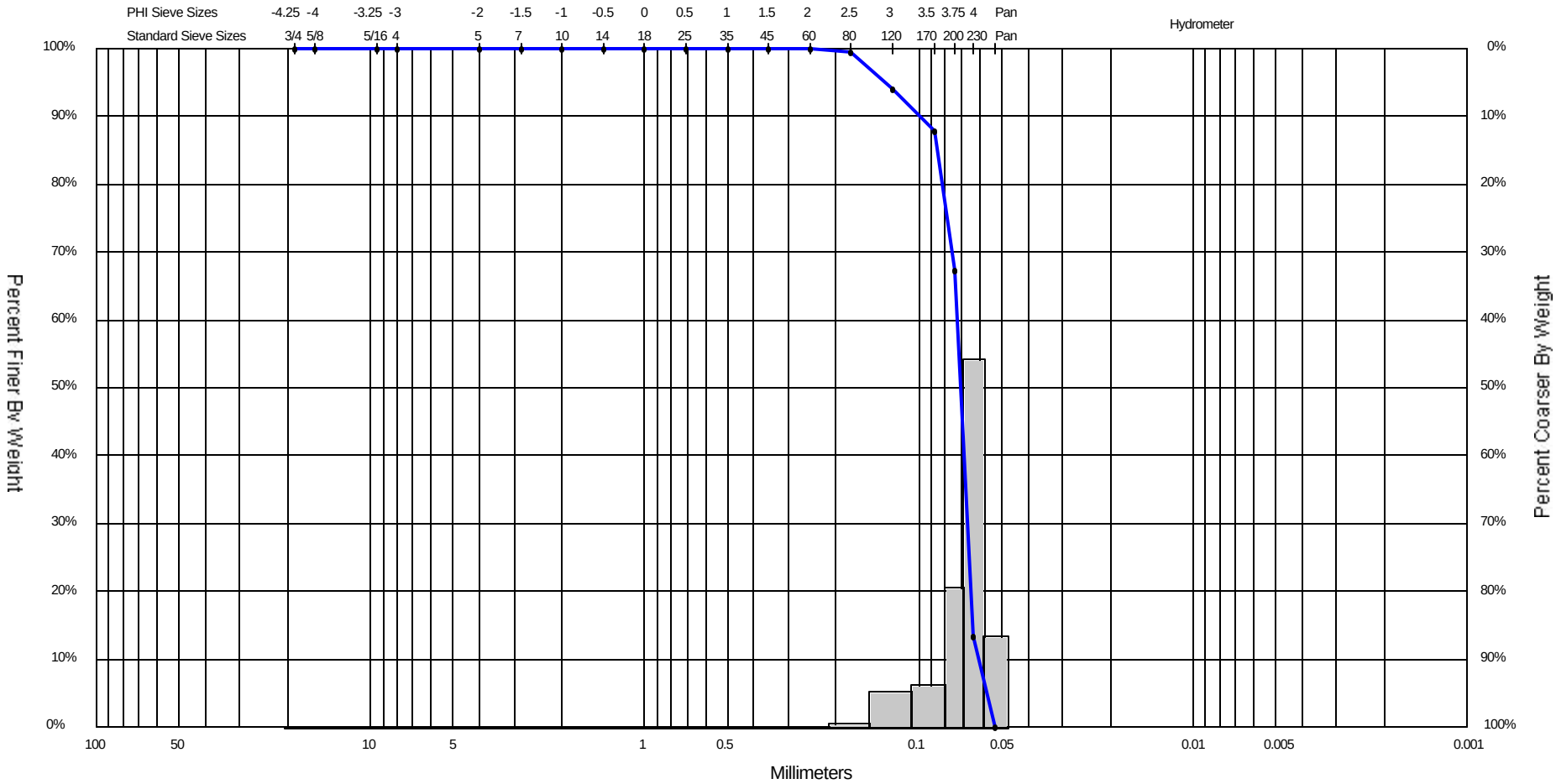

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-40 S#2		-17.7		ML	13.33	0.07	0.08	-1.00	2.75	0.41
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/21/02
Analyzed By:	ID
Easting (X):	3760706
Northing (Y):	293316
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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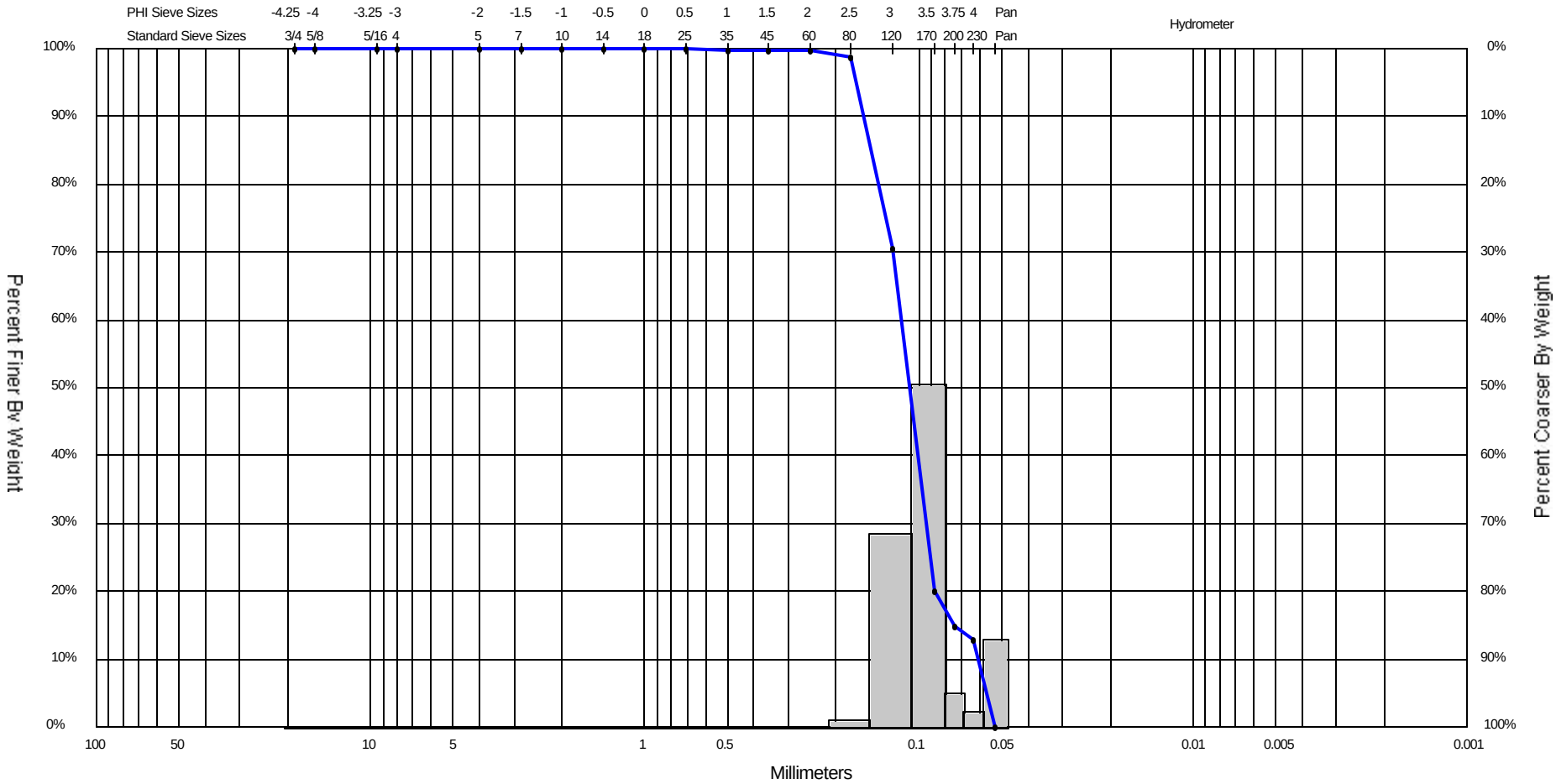

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-40 S#3		-19.7		SM	12.76	0.11	0.11	0.35	1.70	0.56
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3760706
Northing (Y):	293316
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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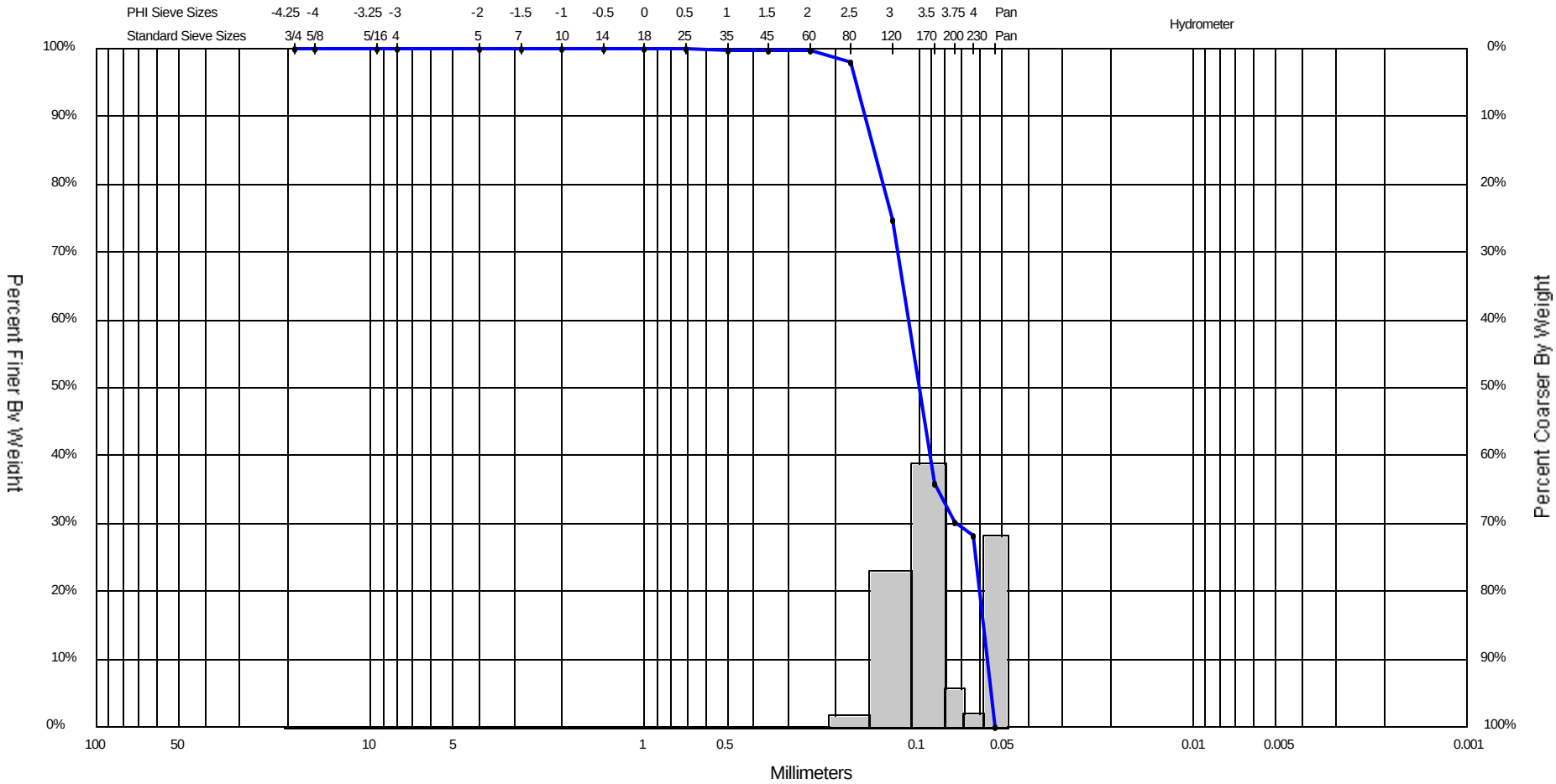

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-40 S#4		-21.7		SM	28.29	0.10	0.09	0.00	1.14	0.68
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	12/10/02
Analyzed By:	ID
Easting (X):	3760706
Northing (Y):	293316
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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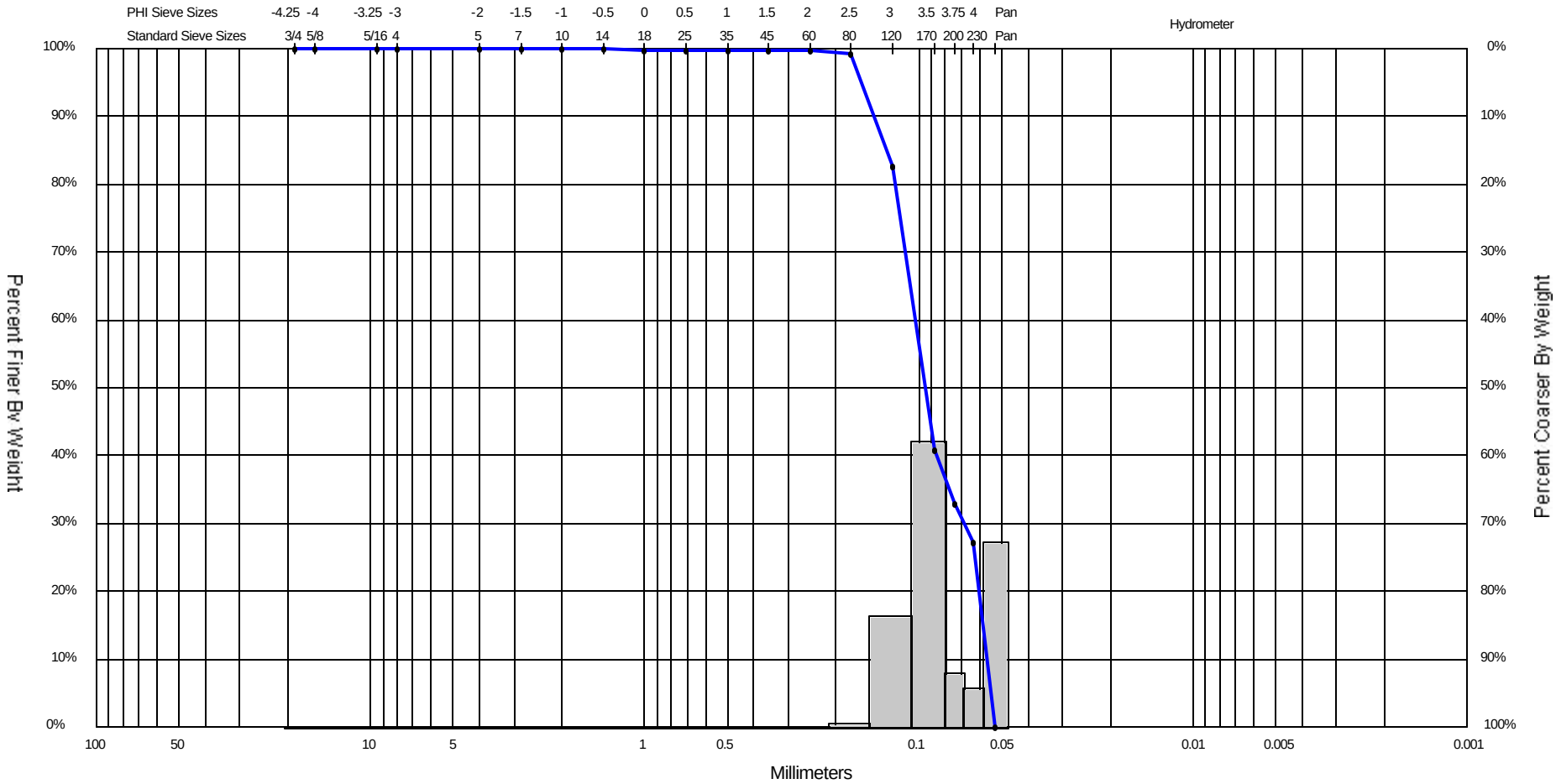

Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort
QBVC-02-40 S#5		-27.7		SM	27.23	0.10	0.09	-0.05	1.23	0.63
Incremental % Weight		N/A	Use Left Hand Scale							

Sample Information	
Project Name:	Barataria
Collection Date:	11/20/02
Analyzed By:	ID
Easting (X):	3760706
Northing (Y):	293316
Horizontal System:	State Plane 1983 LA South Fe
Vertical System:	NAVD 88 Feet

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APPENDIX III

SURVEY DATA FORMATS

SURVEY DATA FORMATS

Format 1:

Louisiana Department of Natural Resources
Strategic Online Natural Resources Information System
SONRIS 2000
Coastal Restoration Division
(See http://www.savelawetlands.org/site/Descriptors.pdf)

This format is an ASCII comma-delimited format. The arrangement of the columns is as follows:

1. Project Number: Alphanumeric value assigned to a project by LDNR used for identification purposes.
2. Station Number: Alphanumeric value assigned to a station by LDNR used for identification purposes. For survey data, the station is actually the center of the area where surveying occurs.
3. Group: A classification given to a group of stations that share a common characteristic. For this project, the Group name is the name of the profile line.
4. Status: Generally describes whether data were collected in the Pre- or Post-construction period.
5. Date (mm/dd/yyyy): Date the data where collected.
6. Time (hh:mm:ss): Time the data where collected.
7. Point Number: Identification number assigned to data point by survey team. In many cases data are collected at points along transects and a station might consist of several transects.
8. Easting utm83 (m): Horizontal coordinate.
9. Northing utm83 (m): Horizontal coordinate.
10. Elevation NAVD88 (m): Elevation relative to North American Vertical Datum of 1988.

Example:

```
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,01,829997.02,3241533.14,-0.91
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,02,829991.87,3241512.72,-1.13
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,03,829991.52,3241511.46,-1.07
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,04,829988.26,3241498.42,-2.23
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,05,829985.45,3241487.40,-2.74
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BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,12,829978.51,3241459.81,-4.24
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,13,829976.63,3241452.34,-4.63
BA38-1,38-1, SG1,Post-cons.,06/01/2004,13:00,14,829976.34,3241451.27,-4.57
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```

Format 2:

U.S. Army Corps of Engineers
Beach Morphology Analysis Program - Free Format

This format is an ASCII format listing the profile line name, the number of points on each profile, and the distance and elevation values:

<Profile Name #1	Easting of Origin	Northing of Origin,	Azimuth of Origin	Date>
<Number of Points>				
<Distance Value #1>	<Elevation Value #1>			
<Distance Value #2>	<Elevation Value #2>			
<Distance Value #3>	<Elevation Value #3>			
<Distance Value #4>	<Elevation Value #4>			
(etc.)				
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<Number of Points>				
<Distance Value #1>	<Elevation Value #1>			
<Distance Value #2>	<Elevation Value #2>			
<Distance Value #3>	<Elevation Value #3>			
<Distance Value #4>	<Elevation Value #4>			
(etc.)				

All of the above values are to be reported in State Plane NAD83 / NAVD88 feet. Meters or UTM coordinates are not acceptable. Distance values may be calculated according to the following formula:

Distance Value = [(Easting of Point) – (Easting of Origin)]·sin(Azimuth of Origin) + [(Northing of Point) – (Northing of Origin)]·cos(Azimuth of Origin)

Example:

```
SG01     3831677.3  278768.2   195.0   06-01-2004
6
 -154.2  -1.1
 -133.7   3.0
  197.4   3.0
  332.4   6.0
  542.4   6.0
  938.4  -2.8
SG02_PI1 3832115.0  278650.1   195.0   06-01-2004
5
 -553.1   3.0
  113.9   3.0
  248.9   6.0
  458.9   6.0
  936.5  -4.6
SG03     3832553.5  278531.7   195.0   06-01-2004
6
 -454.4   1.5
 -447.0   3.0
   54.6   3.0
  189.6   6.0
  399.6   6.0
  873.6  -4.5
```

Format 3:

X, Y, Z, Profile Line Comma Delimited format

This format is an ASCII comma-delimited format. The arrangement of the columns is as follows

1. Easting (State Plane NAD83, feet)
2. Northing (State Plane NAD83, feet)
3. Elevation (Elevation relative to North American Vertical Datum of 1988 in feet)
4. Profile Line Name

Example:

```
3832117.8,        280412.5,            -3.0,        SG1
3832100.0,        280345.8,            -3.7,        SG1
3832098.8,        280341.7,            -3.5,        SG1
3832087.5,        280299.1,            -7.3,        SG1
3832077.8,        280263.1,            -9.0,        SG1
3832076.8,        280259.1,           -11.8,        SG1
3832076.3,        280257.1,           -11.9,        SG1
3832066.8,        280221.5,           -12.8,        SG1
3832066.5,        280221.0,           -12.8,        SG1
3832060.0,        280196.8,           -13.9,        SG1
3832058.3,        280190.5,           -14.1,        SG1
3832053.8,        280173.0,           -13.9,        SG1
3832047.3,        280148.6,           -15.2,        SG1
3832046.3,        280145.1,           -15.0,        SG1
3832041.3,        280127.1,           -15.5,        SG1
```

APPENDIX IV

STE GEOTECHNICAL REPORT

REPORT OF

GEOTECHNICAL INVESTIGATION
BARATARIA BARRIER ISLAND
RESTORATION COMPLEX
PROJECT BA-38
CHALAND AND PELICAN HEADLANDS
PLAQUEMINES PARISH, LOUISIANA

FOR

LOUISIANA DEPARTMENT OF
NATURAL RESOURCES
BATON ROUGE, LOUISIANA

AND

C-K ASSOCIATES, INC.
ENGINEERS
BATON ROUGE, LOUISIANA

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REGISTERED PROFESSIONAL ENGINEERS

October 30, 2003

Louisiana Department of Natural Resources
c/o C-K Associates, Inc.
17170 Perkins Road
Baton Rouge, Louisiana 70810

Attn: Mr. Brant Richard, P.E.

Re: Geotechnical Services
DNR Contract No. 2503-02-29
Engineering Assistance for Coastal Restoration Projects
Barataria Barrier Island Restoration Complex
Chaland and Pelican Headlands
Project BA-38
Plaquemines Parish, Louisiana
STE File: 03-1114

Gentlemen:

Soil Testing Engineers, Inc. (STE) has completed the geotechnical investigation for this project and is pleased to submit the findings of the investigation together with the resulting evaluations and recommendations. Details are presented in the attached report.

Should you have any questions concerning this report, please contact this office. We appreciate the opportunity to serve you on this project, and look forward to working with you again in the future.

Sincerely,
Soil Testing Engineers, Inc.

Dr. Gordon P. Boutwell, P.E.
Senior Consultant

Ching Nien Tsai, P.D., P.E.
Chief Engineer

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REPORT OF GEOTECHNICAL INVESTIGATION BARATARIA BARRIER ISLAND RESTORATION COMPLEX PROJECT BA-38 PLAQUEMINES PARISH, LOUISIANA

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REPORT OF GEOTECHNICAL INVESTIGATION BARATARIA BARRIER ISLAND RESTORATION COMPLEX PROJECT BA-38 PLAQUEMINES PARISH, LOUISIANA

EXECUTIVE SUMMARY

The principal findings of this investigation are summarized below for convenience. Details are contained in the main body of this report, plus its Appendix.

A - CHALAND HEADLAND

A.1 Project. The Chaland Headland portion of the project will raise some 590 acres by providing an encircling levee totaling some 6 miles in length, then filling the encircled area. The south (gulf) side levee location has not yet been fixed.

A.2 Scope of Work. This consisted of drilling 10 borings in the construction area plus two more in the borrow area, plus laboratory testing, and engineering analyses to determine stability of slopes, settlement amounts and rates, sedimentation times for the area fill, and cut/fill ratios.

A.3 Subsurface Conditions. All of the soils mentioned are of Holocene (Recent) origin. In the construction area, about 3% of the soils to -25 feet NAVD are PT or OH, 63% are the more granular SM, SC, and ML, and 34% the cohesive CH and CL types. Below that level, about half is granular and half cohesive. The cohesive soils are relatively weak and compressible.

A.4 Slope Stability. Side slopes of 1(V):4(H) can be used for levees having up to 3 feet of freeboard, and side slopes of 1(V):6(H) can be used for those having up to 6 feet of freeboard. These slopes maintain a safety factor of at least 1.3 against failure.

A.5 Levee Settlements. Settlements of the levee are composed of weight-induced consolidation on the foundation soils, self-weight or internal settlement (negligible), and geologic subsidence. The amounts of movement depend on the levee freeboard and water depth. However, the net long-term settlements without geologic subsidence are on the order of 10% of the total levee height (freeboard plus water). Geologic subsidence adds about 6 inches over the 20-year project life.

A.6 Dewatering Time. About 2/3 of the hydraulically placed area fill will settle out of suspension in a few days. The majority of the remainder should settle out in 1 to 2 months.

A.7 Deposition Area Settlements. Unlike the levee settlements, self-weight consolidation also matters for the area fill. The total long-term settlements without geologic subsidence are about 20 to 25% of the as-completed fill thickness. Geologic subsidence adds about 6 inches over the 20-year project life.

A.8 Cut/Fill Ratios. For the levees, 1.3 to 1.5 cubic yards of cut will produce 1.0 cubic yard of in-place material. In the case of the area fill, this reduces to about 1.1 cubic yards of cut to achieve 1.0 cubic yard of in-place fill.

B - PELICAN HEADLAND

B.1 Project. The Pelican Headland portion of the project will raise some 630 acres by providing an encircling levee totaling some 6 miles in length, then filling the encircled area. The south (gulf) side levee location has not yet been fixed.

B.2 Scope of Work. This consisted of drilling 10 borings in the construction area plus two more in the borrow area, plus laboratory testing, and engineering analyses to determine stability of slopes, settlement amounts and rates, sedimentation times for the area fill, and cut/fill ratios.

B.3 Subsurface Conditions. All of the soils mentioned are of Holocene (Recent) origin. Most of the soils are of the cohesive types; little sand or silt was encountered. In general, the soils from mudline to around -10 feet NAVD are very soft Organic Clays (OH) and Peat (PT). Below that level are predominately very soft to soft Clays (CH), whose strength increases somewhat with depth.

B.4 Slope Stabilities. The soils underlying the Pelican Headland area are weaker than those in the Chaland area. In general, side slopes of 1(V):4(H) will be acceptable for levees with up to 3 feet of freeboard, except for the South and North Levees. There, side slopes of 1(V):8(H) are indicated for levees not on the beach ridge. Reference must be made to Table 3.2-1 for design.

B.5 Levee Settlements. In general, the weight-related settlements will range from 40 to 50% of the total height (freeboard plus water depth) for the lower levees, i.e., those with total heights up to about 6 feet. This drops to about 20-25% of the total height for taller levees. Again, geologic subsidence adds about 6 inches of "settlement" over the 20-year life of the project.

B.6 Dewatering Time. Due to the high proportion of very fine (clay-sized) particles, the area fill will require some 2 to 4 weeks to essentially complete its dewatering.

B.7 Deposition Area Settlements. The total long-term weight-related settlements will be some 45 to 60% of the as-completed area fill thickness. Again, geologic subsidence adds about 6 inches of "settlement" over the 20-year life of the project.

B.8 Cut/Fill Ratios. For the levees, 1.5 to 1.8 cubic yards of cut will produce 1.0 cubic yard of in-place material. In the case of the area fill, this reduces to about 1.3 cubic yards of cut to achieve 1.0 cubic yard of in-place fill.

REPORT OF GEOTECHNICAL INVESTIGATION BARATARIA BARRIER ISLAND RESTORATION COMPLEX PROJECT BA-38 PLAQUEMINES PARISH, LOUISIANA

The findings of this investigation, together with the analyses and conclusions based on them, are discussed below. Following the Introduction section, the Chaland and Pelican Headlands are discussed separately. The field and laboratory investigations are described in Appendix A.

1.0 INTRODUCTION

1.1 OVERALL DESCRIPTIONS

1.1.1 General. The Barataria Barrier Island Restoration Complex Project covered by this investigation consists of two parts: the Chaland Headland area and the Pelican Headland area. Both will consist of encircling the existing headlands with levees, which will retain hydraulic fill used to build up the headlands to resist erosion and assist in dune and marsh creation. The general location of the project is illustrated on Figure G-1.

Information on land loss rates in this area was available from studies by Penland (2003). They indicate that the shoreline at Scofield Bayou in the project area averaged about 10 feet per year for the period 1884-1985, but increased to 21 feet per year for the period 1985-2002. Geologic subsidence in this area was furnished by LDNR as about 6 inches in 20 years.

The objective of this project is to reduce erosion rates in the project area and create dune and marsh habitat. The project consists of construction of a beach berm, dune platform and marsh platform in both the Pass La Mer to Chaland Pass and the Pelican Island areas. Construction of the features is to be completed using a hydraulic dredge for material placement and bucket dredge for containment. The various project features include protection of barrier islands from an encroaching shoreline by reducing the rates of erosion along the western end and creating more land along the northern shoreline. Specifics of this project involve construction of earthen levees and filling the areas between the earthen levees and the existing barrier islands. At this time, the gulf side (S) levees may be built over the existing dune line or may be built just offshore. No detailed survey information on surface topography is currently available. The dredge borrow areas are located at Quatre Bayou and the Empire & Scofield Borrow areas.

1.1.2 Chaland Headland Area. This area is illustrated on Figure C-1. It is centered at roughly N29°-18'-46.6", W89°-45'-36.2", lying between Pass La Mer and Pass Chaland. The project area is roughly 2.9 miles E-W and 0.2 to 0.5 miles N-S. There will be approximately 3.0 miles of gulfside (S) levee and 3.5 miles of marshside (N) levee. The total area enclosed is roughly 590 acres.

1.1.3 Pelican Headland Area. This area is illustrated on Figure P-1. It is centered at roughly N29°-15'-09", W89°-35'-10". The project area is roughly 2.5 miles E-W and 0.4 to 0.5 miles N-S. There will be approximately 2.6 miles of gulfside (S) levee, 0.6 miles of levee along Bayou Fontanelle on the W end, 0.4 miles of levee along Scofield Bayou on the E end, and 2.3 miles of marshside (N) levee. The total area enclosed is roughly 630 acres.

1.2 SCOPE OF WORK

STE's scope of work consisted of the following items:

- For the Chaland Headland area, drill twelve soil borings (two for the borrow area) to depths ranging from 20 to 70 feet.
- For the Pelican Headland area, drill twelve soil borings (two for the borrow area) to depths ranging from 20 to 80 feet. Two borrow pit borings originally included (S-1 and S-2) were deleted from the project.
- Perform laboratory tests to determine classification, strength, and compressibility characteristics for engineering analyses.
- Perform slope stability and settlement analyses for the proposed levees.
- Analyze settlements which will be caused by placement of the hydraulic fill.

1.3 LIMITATIONS

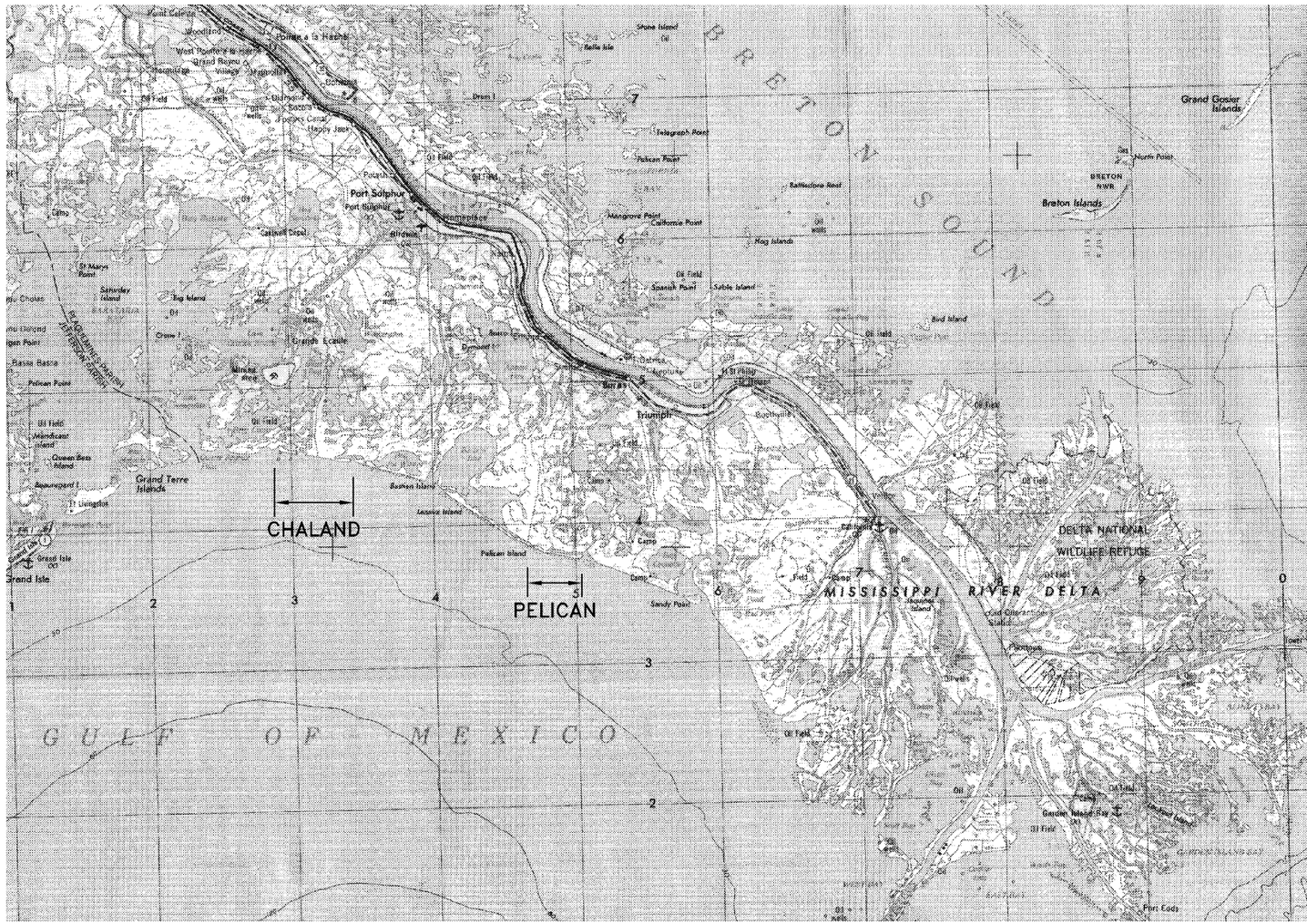
The analyses and recommendations presented in this report are based on the results of the investigation, and the furnished information as provided by the Louisiana Department of Natural Resources. While it is not too likely that conditions will differ greatly from those observed in the borings, it is always possible that variations can occur between or away from the widely spaced borehole locations. If it becomes apparent during construction that subsurface conditions differing significantly from those discussed in Section 2 are being encountered, this office should be notified at once so that their effects can be determined and any remedial measures necessary prescribed. Also, should the nature of the project change considerably, these recommendations may have to be re-evaluated.

This report has been prepared for the exclusive use of the Department of Natural Resources and their consultants for the purpose of designing the proposed Barataria Barrier Island Restoration Project as generally described in Section 1.1. The recommendations provided are site specific and are not intended for use at any other site.

1.4 REPORT ORGANIZATION.

The main body of this report is divided into three sections: this Introduction (Section 1.0), the Chaland Headland area (Section 2.0), and the Pelican Headland area (Section 3.0). Within Sections 2.0 and 3.0, the report is divided into subsections based on the scope of work mentioned in Section 1.2.

Oct 29, 2003 – 3:51pm



0 (miles) 10±

SCALE

REFERENCE:
USGS NH 16–7 of Breton Sound, LA,
1957 edition, revised 1973.

BARATARIA BARRIER ISLAND RESTORATION COMPLEX
(CHALAND & PELICAN HEADLANDS)
PROJECT BA-38
PLAQUEMINES PARISH, LOUISIANA

for
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
BATON ROUGE, LOUISIANA

C-K & ASSOCIATES, INC.
ENGINEERS
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Soil Testing Engineers, Inc.
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Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03–1114	Date: 10–21–03	Figure No.: G-1

Title:
VICINITY MAP

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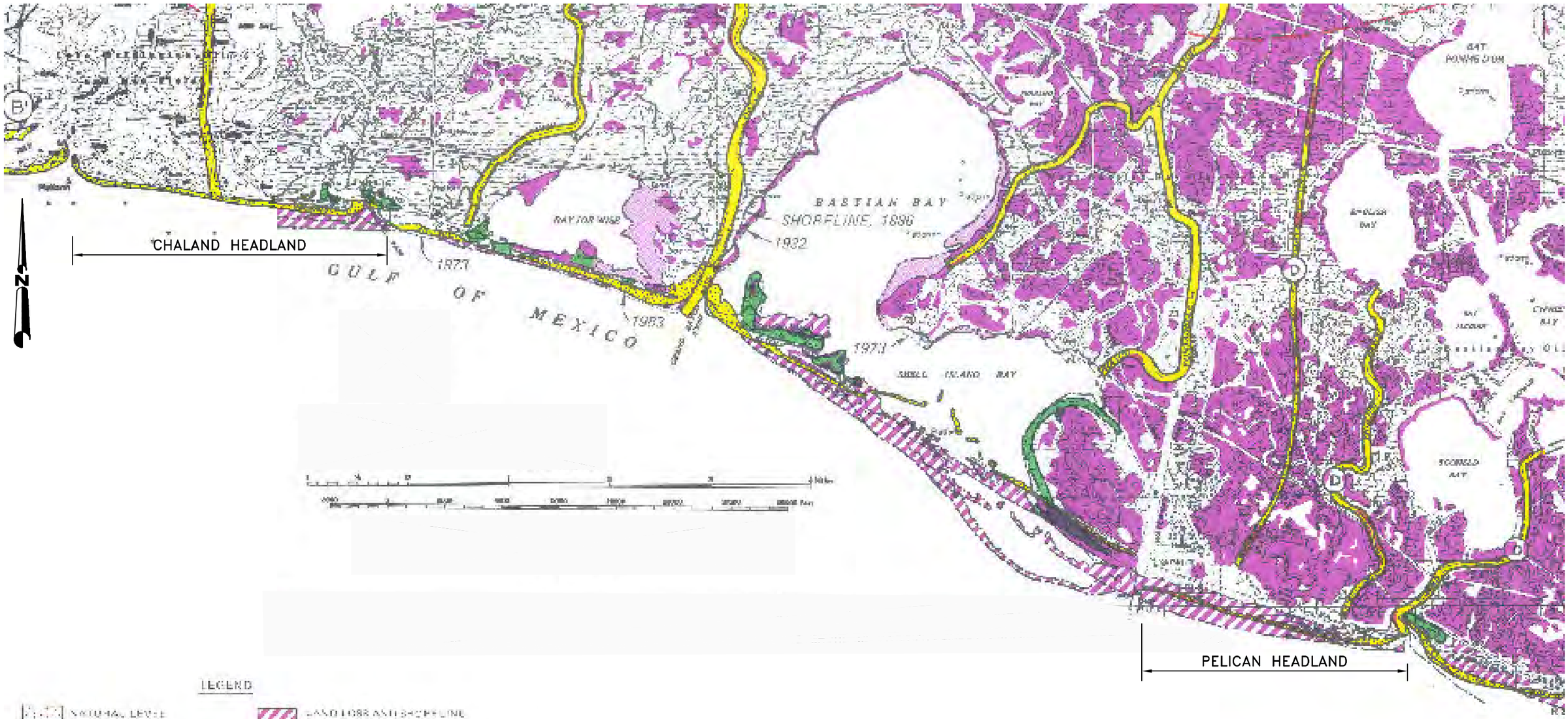

LEGEND

- NATURAL LEVEE
- POINT BAR
- CREVASSE SPLAY
- BEACH
- MANGROVE SWAMPS AND MARSHES
- INTERDISTRIBUTARY
- INTRADELTA
- LAND LOSS (1932 – 1973)
- LAND LOSS (1973 – 1983)
- LAND LOSS AND SHORELINE CHANGE DUE TO BARRIER ISLAND MIGRATION AND EROSION
- INFERRED CONTACT
- ELEVATION OF UPPER PRE-HOLOCENE PLEISTOCENE SURFACE (FEET MSL)
- BCR NOT USED TO CONTOUR UPPER FINE GRAINED PLEISTOCENE SURFACE
- BCR NOT USED ON CROSS SECTIONS

REFERENCE:
USA/COE "Distribution of Deltaic and Marine Deposits," of Empire, LA (1987) and Ft. Livingston, LA (1990).

BARATARIA BARRIER ISLAND SHORELINE RESTORATION

(PELICAN HEADLAND)

PROJECT BA-38

PLAQUEMINES PARISH, LOUISIANA

for

LOUISIANA DEPARTMENT OF NATURAL RESOURCES

BATON ROUGE, LOUISIANA

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G.P. Boutwell	DMS	
File No.: 03–1114	Date: 10–14–03	Figure No.: G-2

Title: **GEOLOGIC MAPPING**

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- 2.1 and 3.1: These sections discuss the site, geology, and soil conditions for the Chaland and Pelican areas, respectively.
- 2.2 and 3.2: These sections present the engineering analyses (methodologies and results) for the Chaland and Pelican areas, respectively.

The field and laboratory programs for both areas are covered in Appendix A.

2.0 CHALAND HEADLAND AREA

2.1 GEOLOGICAL AND SOIL CONDITIONS

2.1.1 Site and Geology Conditions. This site is bounded on the west by Pass La Mer and on the east by Pass Chaland; see Figures G-1 and G-2. The surface is either water (at about 0 feet NAVD), marshland (at undefined elevations less than +5 feet NAVD), or, along the south side, a barrier beach (again, elevations undefined). Reference is made to Figure G-2 and the sources cited on that figure. Even there, the subsurface geology is poorly defined. A Barrier Beach some 300 feet wide is shown along the south (gulf) shore. An Abandoned Course some 500 feet wide follows an old N-S bayou which crosses the area near its center. A profile on the "Ft. Livingston" USA/COE geologic map passes about 2 miles inland from the site. It indicates Holocene marsh deposits to around elevation -200 feet NAVD, followed by Holocene-Pleistocene sand to around -320 feet NAVD, where Pleistocene-age clays begin. The marsh deposits frequently have sand bodies (relict beaches) in the -20 to -50 feet NAVD range. Barrier Beach sands typically extend to about -10 feet NAVD.

2.1.2 Soil Conditions - Project Construction Area. Ten (10) borings were made to determine the subsurface conditions in the Chaland Headland project area. All of these borings were given a "C" - number (C, CF, or CS as designated by LDNR); their approximate locations are illustrated on Figure C-1. Global Positioning System (GPS) coordinates taken during drilling are shown on the individual logs of the borings in Appendix A. Soil profiles are given on Figures C-2 through C-4. The borings can be divided into three groups having roughly similar characteristics for ease of comprehension.

2.1.2.1 Borings CF-5, CF-7, and C-10. The average soil conditions at these three borings on the west end of the project can be summarized as shown on Table 2.1-1, below.

TABLE 2.1-1
SOILS DATA: WEST END OF SITE

Depth* (feet)	Soil Type	LL (%)	PI (%)	W (%)	DD (%)	Su (ksf)	N (b/f)	Content (%) of Sand/Silt/Clay
0-3	Water	-	-	-	-	0	0	0/0/0
3-9	CL, CH	30	13	45	73	0.16	NT	44/29/27
9-18	SM, SC	NT	NT	27	90	3.01	12	55/34/11
18-24+	CH	59	36	53	NT	0.21	3	NT

* Below waterline
LL: Liquid Limit
PI: Plas. Index
W: Water Content
DD: Dry Density
Su: Undrained Shear Strength
N: Standard Penetration Resistance
NT: Not Tested

2.1.2.2 Borings CS-1, CS-2, CS-3, CS-4, CS-6, and CS-9. These borings cover most of the remaining project area. The average soil conditions at these borings can be summarized as shown in Table 2.1-2, below:

TABLE 2.1-2
SOILS DATA: MOST OF SITE

Depth* (feet)	Soil Type	LL (%)	PI (%)	W (%)	DD (%)	Su (ksf)	N (b/f)	Content (%) of Sand/Silt/Clay
0-5	Water	-	-	-	-	0	0	0/0/0
5-7	PT, OH	172	115	176	40	0.09	NT	NT
7-19	SM, SC	NT	NT	28	92	2.74	23	61/31/8
19-30	CL, CH	60	37	44	82	0.45	5	1/44/55
30-44	ML, SC	NT	NT	30	84	1.58	13	51/40/9
44-73+	CH, CL	66	46	43	73	0.36	NT	NT

Notes: Same as Table 2.1-1

Also, it should be noted that the (PT, OH) stratum was not present at CS-3, CF-4, and CF-6. The deeper (ML, SC) stratum was not present at CF-9.

2.1.2.3 *Boring CF-8.* This boring is on the extreme east end of the project area. Its average soil conditions can be summarized as shown in Table 2.1-3, below:

TABLE 2.1-3
SOILS DATA: EAST END OF SITE

Depth* (feet)	Soil Type	LL (%)	PI (%)	W (%)	DD (%)	Su (ksf)	N (b/f)	Content (%) of Sand/Silt/Clay
0-6	Water	-	-	-	-	0	0	0
6-8	SM	NT	NT	46	NT	NT	NT	82/11/7
8-14	CL	29	11	51	NT	NT	3	NT
14-26+	ML	NT	NT	30	NT	NT	9	43/50/7

Notes: Same as Table 2.1-1

2.1.3 Soil Conditions - Borrow Area (Borings Q-1 and Q-2). These borings were located approximately 1 mile offshore (south) and 2.5 miles west of the project construction area; see Figure C-1. A soil profile is given as Figure C-5. The average soil conditions at these two borings can be summarized as shown in Table 2.1-4, below:

TABLE 2.1-4
SOILS DATA: BORROW PIT BORINGS

Depth* (feet)	Soil Type	LL (%)	PI (%)	W (%)	DD (%)	Su (ksf)	N (b/f)	Content (%) of Sand/Silt/Clay
0-12	Water	-	-	-	-	0	0	0/0/0
12-15	CH, CL	54	28	51	62	0.15	NT	NT
15-29	SM, ML	NT	NT	34	NT	NT	13	52/40/8
29-31+	CH	63	40	40	83	0.50	6	NT

Notes: Same as Table 2.1-1

It should be noted that the two clay strata (CH, CL and CH) were found only in Boring Q-2.

2.1.4 Limitations. The descriptions given above are (1) averages and (2) based on boreholes spaced 600 to 2000 feet apart. The soils can be expected to vary between borehole locations. For details at a particular location consult the individual logs of the borings in Appendix A.

2.2 ENGINEERING ANALYSES

This section presents the methodologies used in the analyses, their results, and recommendations for geotechnical construction.

2.2.1 Assignments. The engineering assignments given to STE were outlined in STE's proposal to C-K dated July 2, 2003. They can be summarized as follows:

2.2.1.1 New Earthen Containment Levees. The most significant items for design are stability and settlement. These include maximum allowable construction elevation, crown width, and side slopes (stability) plus settlements (1) during a 1-year construction period and (2) time to settle to average marsh elevation. The settlements are to be computed for five different fill (levee) heights.

2.2.1.2 Dredge Borrow and Fill. These are primarily settlement-related items such as fill settlements (maximum fill: 0.5 feet below as-built levee tops) over 20 years, and fill-related items such as suitability of the borrow area soils, dewatering times, and cut/fill ratios.

These various items are covered in the following sections.

2.2.2 Levee Stability Analysis. This section presents the methodology used in the slope stability analyses for the Chaland Headland levees, the cases analyzed, and the results.

2.2.2.1 Slope Stability Analysis - General. A slope has two types of forces acting on it. The soil weight and any seepage forces try to make the soil slide; these are called the "driving forces." The weight of soil below the waterline is its "effective" or, buoyant weight. Therefore, a foot of soil above water has 2 to 3 times the driving force of a foot of soil below water. The strength of the soil tries to keep it from sliding; this is called the "resisting force." Both depend on the geometry of the situation: the "Failure surface." The procedure is to isolate a block of soil (mentally), and compute the resisting and driving forces. Their ratio is called the "safety factor," and is the measure of stability. In practice, one analyses many soil blocks until the block yielding the lowest safety factor is found. This is assumed to govern, and the safety factor for the slope is the lowest safety factor determined. The calculations for any but the simplest conditions are quite laborious. They are therefore now performed on a digital computer, using a proven code such as PCSTABL, XSTABL, UTEXAS3, etc. For this project, the slope stability analyses were performed using XSTABL marketed by Interactive Software Designs, Inc. This program evolved from PCSTABL by Purdue University. The program is capable of searching for the minimum safety factor with an easy to use interface. The Bishop method of analysis was used for this project. The accepted measure of a slope's stability is its "safety factor," as defined above. Typical acceptable safety factors common in practice are:

Low Water Condition:	1.3 - 1.5
Rapid Drawdown Condition:	1.0 - 1.1

The rapid drawdown case is not applicable for this project due to the nature of the tidal conditions at the proposed structures.

2.2.2.2 Cases Analysed. Since the soil strengths are the dominant factor in slope stability, the levee area was divided into three sections having similar soil conditions (See Section 2.1). As mentioned in Section 1.1.1, the gulfside (south) levee may be built either atop the existing beach "ridge" or slightly offshore of it; the decision has not yet been finalized. Also, neither soil data nor detailed elevations are available on the beach "ridge." Therefore, certain assumptions had to be made for levees so located. The cases analysed are summarized below:

- West Levee: Borings CF-5, C-7, C-10
- North/East Levee: Borings C-7, C-9, CS-1, CS-3, CS-2, CS-4, CF-8
- South Levee: Borings C-10, CS-3, CF-6
  - Levee on Beach Ridge (with assumptions)
  - Levee offshore of beach

In each area, analyses were made for the following levee geometries:

- Initial Freeboard: 1.0, 1.5, 2.0, and 3.0 feet at least
- Water Depth: 2 to 6 feet
- Side Slopes: 1(V):4(H), 1(V):6(H) and 1(V):8(H)
- Crown Widths: 5, 10, and 20 feet.

The levees were considered to be of two material types: dredged silt/sand and dredged clay. This was done to account for variability in the borrow pit area (See Section 2.1.3 and the logs of borings Q-1 and Q-2). The lower safety factor obtained for the two materials was assumed to govern and is tabulated below.

The Beach Ridge was assumed to be 2 feet above sea level, and, for conservatism, to extend no deeper than 5 feet below sea level (-5 feet NAVD).

2.2.2.3 Results. The results of illustrative stability analyses are presented on Figures C-6 and C-6A (West), C-7 and C-7A (North/East), C-8 (South-on Ridge), and C-9 (South-offshore) for the steeper slopes [1(V):4(H) and 1(V):6(H)]. In general, the crown widths of the levees had only a nominal effect on stability. The results can be summarized as in Table 2.2-1 below. The safety factors for the deeper water conditions govern. Since most of those safety factors exceeded the desired 1.3, the other water conditions are not presented.

TABLE 2.2-1
LEVEE SAFETY FACTORS - CHALAND HEADLAND

Levee Area	Initial Freeboard (ft.)	Safety Factor for Side Slope		
		1(V):4(H)	1(V):6(H)	1(V):8(H)
West	1.0	1.8	2.4	3.1
	1.5	1.7	2.1	2.9
	2.0	1.5	2.0	2.6
	3.0	1.3	1.7	2.3
North & East	1.0	2.1	2.7	3.5
	1.5	1.9	2.5	3.2
	2.0	1.6	2.3	3.0
	3.0	1.5	2.1	2.6
	6.0	**1.2**	1.7	2.2
South (Ridge)	1.0	>3.0	>3.0	>3.0
	1.5	>3.0	>3.0	>3.0
	2.0	>3.0	>3.0	>3.0
	4.0	2.9	>2.9	>2.9
	5.0	2.4	>2.4	>2.4
	6.0	1.9	>1.9	>1.9
South (Water)	1.0	2.4	>2.4	>2.4
	1.5	2.3	>2.3	>2.3
	2.0	2.0	>2.0	>2.0
	4.0	**1.2**	1.6	2.0
	5.0	**1.0**	1.4	1.7

Bold: SF less than desired 1.3

2.2.2.4 Summary of Stability Results. The soils in the Chaland Headland area are relatively strong, which leads to good stability. The safety factors are acceptable for:

- All levees with 3 feet of freeboard or less, using 1(V):4(H) side slopes.
- All levees with up to 6 feet of freeboard using 1(V):6(H) side slopes.

2.2.2.5 Strengthening. It is clear that designs with about 6 or more feet of freeboard will usually have safety factors less than desired (See Table 2.2-1). Geotextile reinforcement is indicated for such conditions. The geotextile should have an allowable tensile strength of at least 1,000 pounds per lineal foot (measured perpendicular to the levee centerline). It should extend under the full width of the levee. Should levees exceeding 6 feet of freeboard be needed, contact this office for specific analyses and designs.

2.2.2.6 Levee Borrow. It is often desirable to obtain the borrow material for the levees from near the levee. Excavating this material from too close to the levee toe can affect the stability of the levee adversely. It is therefore recommended that the edge of the borrow pit not be closer to the levee toe than about 20 feet plus the depth of the borrow excavation.

Also, the near-surface soils are occasionally Peats (Pt) to around 2 feet below ground surface. Peats should be spoiled or used in general fill, and not used for levee construction. The materials encountered in the Borrow Area (especially in Boring Q-2) are suitable for levee construction. Granular materials which would be good for levee construction were also encountered near the surface at most of the borings except CF-6 and the west end of the project (CF-5, CF-7, and C-10).

2.2.3 Levee Settlement Analyses. The assignments relative to Chaland Headland levee settlements were given in Section 3.2.1. They require calculating both the total amounts of settlement which will occur after a very long time, and the time-rates at which these movements will occur. Levee settlement is composed of three parts:

- Settlement in the foundation soils due to the weight of the levee,
- Settlement within the levee itself due to self-weight consolidation (minor), and
- Geological Subsidence. This rate was furnished by LDNR as about 6 inches in 20 years, or 0.025 feet per year.

2.2.3.1 Analyses - Total Amount of Settlement due to Levee Weight. The total amount of settlement depends on the geometry and intensity of the applied load (levee fill) and on the compressibilities of the underlying soil strata. As settlement progresses, the net intensity of the applied load decreases. This is especially true for levees built in water. The maximum possible settlement is that calculated without taking this phenomenon into account, and forms the basis for calculations which do use load intensity decrease. Note that this decrease occurs if the levees are not periodically rebuilt to their initial elevations.

The actual settlement calculations were performed using the computer code VSTRESS, originally developed by the Corps of Engineers, and SETOFF as developed by Ensoft, Inc. These programs calculate one-dimensional settlement based on either Boussinesq or Westergaard stress distributions. The Boussinesq stress distribution was used for these analyses. For the soil types that had consolidation tests, actual consolidation curves were used in the calculations. Published correlations were used for other soil types to obtain consolidation indices using Atterberg Limits and moisture content values.

2.2.3.2 Cases Analysed. Since the clayey soils (PT, OH, CH, CL) are highly compressible (See Table A-1 in Appendix A), they contribute far more to settlement than do the less compressible granular soils (ML, SC, SM). Therefore, calculations were made for the generalized conditions corresponding to:

- CS-1 and CS-3 (Large amounts of organic soil)
- CS-2 (Intermediate amount of granular soil)
- CS-4 and CF-7 (Small amount of granular soil)

The deeper soil conditions, below about 40 feet, were taken as those of the 70+ foot boring, C-9. Calculations were made for crown widths of 5 to 20 feet, and using the average levee slope [1(V):6(H)]. On the West, North/East levees, levee heights above water were taken as 1, 2, 3, and 4 feet, with water depths of 0, 2, 4, and 6 feet. The South levee had 2 general cases (on the "ridge" and offshore) as discussed in Section 2.2.2. For the ridge, the levee heights were taken as 1, 2, and 3 feet above ground level. The settlements for the potential offshore location were calculated for levee heights of 1, 2, 3, and 4 feet above water, with water depths of 2, 4, 6, 8, and 10 feet.

2.2.3.3 Effect of Settlement on Further Settlement. Most of these levees will or may be constructed in water. The levees are originally built to some level above water, and produce a stress level which includes the *total* weight of levee material above water. As settlement proceeds, some of the material which was originally above water becomes submerged. That material now exerts pressure due to its *buoyant* weight, which is less than its total weight. The net result is that the pressure decreases and the real settlement is less than would be predicted using the total weight. There are two other factors which must be considered:

- If the levee heights are rebuilt, settlement will tend to reach the "total weight" movements.

- At most locations, the levee will be underlain by a substantial amount of granular soils, which consolidate rapidly. The movements due to these soils will probably occur during construction, so that the "total weight" movements in these granular materials (only) will be realized during construction.

2.2.3.4 Total Settlements due to Levee Weight. The starting point is the "raw" settlement computed using the total unit weight for above-water fill. For the observable post-construction settlements, these must be reduced by the movements occurring in the granular layers during construction, termed "adjusted" settlement. Then, the effect of the remaining long-term settlement on the applied pressure must be considered (See Section 2.2.3.3). This is termed the "net" settlement.

The results of these analyses are presented below. Table 2.2-2 provides the settlement data for the West and North/East levees, Table 2.2-3 gives the settlements for the South levee if constructed on the Beach Ridge, and Table 2.2-4 gives the settlements if the South levee were constructed offshore.

TABLE 2.2-2
LONG-TERM SETTLEMENTS: WEST AND NORTH/EAST LEVEES

Geometry Situation		Centerline Settlement (feet) due to Levee Weight									
		CS-1 + CS-3			CS-2			CS-4 + CF-7			Avg. Net
Water (ft.)	Height[a] (ft.)	Raw	Adj.	Net	Raw	Adj.	Net	Raw	Adj.	Net	
0	1	0.49	0.25	0.22	0.17	0.09	0.08	0.21	0.16	0.15	0.15
	2	0.75	0.41	0.38	0.31	0.17	0.16	0.44	0.35	0.31	0.28
	3	1.00	0.57	0.51	0.45	0.26	0.24	0.69	0.55	0.49	0.41
	4	1.24	0.70	0.64	0.60	0.36	0.33	0.94	0.78	0.69	0.55
2	1	0.74	0.44	0.40	0.30	0.19	0.17	0.44	0.29	0.25	0.27
	2	0.99	0.59	0.54	0.44	0.27	0.25	0.67	0.45	0.40	0.40
	3	1.22	0.73	0.69	0.59	0.37	0.34	0.93	0.62	0.55	0.53
	4	1.45	0.87	0.80	0.74	0.46	0.44	1.19	0.80	0.69	0.64
4	1	0.99	0.59	0.51	0.45	0.28	0.24	0.68	0.46	0.37	0.37
	2	1.21	0.72	0.65	0.59	0.37	0.32	0.92	0.62	0.51	0.49
	3	1.50	0.90	0.80	0.74	0.46	0.41	1.18	0.79	0.65	0.62
	4	1.89	1.13	0.96	0.89	0.55	0.50	1.44	0.96	0.79	0.75
6	1	1.21	0.72	0.64	0.60	0.36	0.35	0.93	0.77	0.68	0.56
	2	1.49	0.90	0.81	0.74	0.45	0.43	1.18	0.97	0.86	0.70
	3	1.77	1.10	0.98	0.90	0.55	0.51	1.44	1.18	1.05	0.85
	4	2.02	1.30	1.15	1.05	0.65	0.60	1.69	1.39	1.23	0.99

[A] As-Built height above water level

TABLE 2.2-3
LONG-TERM SETTLEMENTS: SOUTH LEVEE ON BEACH RIDGE

Geometry Situation		Centerline Settlement (feet) due to Levee Weight		
Water (ft.)	Height[b] (ft.)	Raw	Adj.	Net
0	1	0.23	0.14	0.13
	2	0.43	0.27	0.25
	3	0.60	0.38	0.41
	4	0.86	0.51	0.48

[b] Above ground surface (+2 feet NGVD)
CS-1 conditions govern

TABLE 2.2-4
LONG-TERM SETTLEMENTS: SOUTH LEVEE OFFSHORE

Geometry Situation		Centerline Settlement (feet) due to Levee Weight		
Water (ft.)	Height[a] (ft.)	Raw	Adj.	Net
2	1	0.56	0.34	0.30
	2	0.78	0.47	0.42
	3	0.99	0.60	0.58
	4	1.24	0.74	0.68
4	1	0.78	0.47	0.40
	2	0.99	0.59	0.53
	3	1.22	0.73	0.65
	4	1.46	0.88	0.77
6	1	1.00	0.60	0.50
	2	1.22	0.73	0.62
	3	1.46	0.88	0.74
	4	1.68	1.01	0.90

8	1	1.23	0.74	0.59
	2	1.46	0.88	0.72
	3	1.68	1.01	0.89
	4	1.89	1.13	1.02
10	1	1.77	1.17	1.10
	2	2.02	1.25	1.19
	3	2.24	1.32	1.26
	4	2.45	1.45	1.36

CS-1 conditions govern

In the above Tables 2.2-2 through 2.2-4, the "Net" settlements should be used to evaluate long-term performance unless the levees are raised by additional fill at some time in the future. In the latter case, the "Adjusted" settlements would be more appropriate.

2.2.3.5 Geologic Subsidence. The only other significant source of settlement will be that due to geologic subsidence. This rate was furnished by LDNR as about 0.025 feet per year. This is of little consequence for the first few years, but becomes significant over long periods. For example, the movement due to geologic subsidence is 0.1 feet in the first 4 years, but increases to 0.5 feet at the end of the estimated project life at 20 years after construction.

2.2.3.6 Analyses - Time Rate of Settlement due to Levee Weight. The time-rate of settlement as observed at the ground surface depends on several factors, as discussed below:

- Soil Rate Parameter (c_v). This is intrinsic to each soil type, but varies with the total vertical pressure in the soil layer. In general, settlement within the granular soils (ML, SC, SM) will occur virtually during construction.

- Drainage Path Length (L). Consolidation is a process of squeezing water out of the soil voids. The water has to go somewhere, and that is to either the surface or a relatively permeable layer (such as a silt layer in a clay mass).

- Vertical Distribution of the Total Settlement. The time rate applies to each layer; the contribution of each layer is its own ultimate settlement multiplied by its degree of consolidation at a particular time.

Like other problems in time-dependent flow in soils, the analysis for the time-rate of consolidation is inherently inaccurate. Normally, settlement occurs faster than the prediction.

Calculations were made for the soil conditions at the locations cited in Section 2.3.3.2. The results were normalized by dividing the "Net" settlements at various times by the ultimate (long-term) "Net" settlement. This approach accounts directly for the settlements which occur in the more granular materials during construction. Settlement rates were analyzed for the tallest and the lowest levee heights and averaged. In general, the lower levees settle slightly faster than the taller levees where there are deep clays. This is because the taller levees exert greater stress in the deeper materials. The percentages of settlement completed in 1 year are typically 5-10% higher than given in Table 2.2-5 for the low levees, and 5-10% lower than given for the taller levees. The percentages of settlement given in Table 2.2-5 should be applied to the "Net" total settlements given in Tables 2.2-2 through 2.2-4.

TABLE 2.2-5
NET RATES OF WEIGHT-INDUCED SETTLEMENT

Time (years)[d]	Percentage of Weight - Induced Settlement Complete			
	CS-1	CS-2	CS-4	Average
0.0	0	0	0	0
0.5	66	56	47	56
1.0	75	62	62	66
2.0	78	72	75	75
5.0	87	88	91	89
10.0	96	93	97	95
20.0	99	99	99	99

[d]: After construction is complete

2.2.3.7 Time to Reach Marsh Elevation. The average marsh elevation is assumed to be approximately +1 feet NAVD, equal to about one foot above water level at the site. It is assumed that the initial levee top elevation will be up to 4 feet above the site water level, or +5 feet NAVD. The "Net" settlement data from Sections 2.2.3.4 (no rebuilding) was analyzed. If the levees are built at least 1 foot above marsh elevation, they will not ever settle below that elevation under their own weight. The geologic subsidence rate, however, must be considered. It adds about 0.025 feet per year. Hence, levees originally set 1 foot above marsh elevation will settle below marsh elevation due to the combination of their weight-induced settlement and the geologic subsidence, but only if the water depth exceeds 6 feet. In this case, the time required is for levees originally built to 1 foot above marsh elevation is about 10 to 20 years, depending on water depth. Levees with an initial height of 2 or more feet will not settle below +1 feet NAVD during the 20-year life of the project.

2.2.3.8 Applicability. Borings with similar soil conditions, should have similar total settlements and similar time-rates. The soil conditions below the bottoms of the 20-foot

borings are unknown and must be "guesstimated." It is recommended that the settlements at borings other than those where full-depth calculations could be and were made be taken as follows:

TABLE 2.2-6
BOREHOLE MATCHING FOR SETTLEMENT

Boring No.	Settlement from Boring No. [C]	Boring No.	Settlement from Boring No. [C]
CS-1	CS-1	CF-6	CS-1
CS-2	CS-2	CF-7	CS-4
CS-3	CS-1	CF-8	CS-2
CS-4	CS-4	C-9	CS-2
CF-5	CS-4	C-10	CS-2

[C]: Data from Tables 2.2-2 through 2.2-5

2.2.4 Suitability of Borrow Area Soil. As shown in Section 2.1.3, the soils in the borrow pit area are predominately granular (SM, ML). These are good fill materials. About 64% of the soils are silts or sands. The clays in the borrow area are not highly organic, and are suitable for both levee and area fills. Over most of the construction area, there is a 2 to 4 foot thick layer of Peat (PT) and Organic Clay (OH) which is suitable for area fill but should not be used in levee construction if at all possible. The majority of the remaining material is suitable for both types of construction.

2.2.5 Dewatering Time for Area Fill. When soil particles are in suspensions with low concentration of solids, particles settle as individual entities, and there is no significant interaction with neighboring particles (Type I settling). With increasing solids concentration, the particles coalesce or flocculate. By coalescing, the particles increase in mass and settle at a faster rate (Type II settling). With further increase in concentration, the interparticle forces are sufficient to hinder the neighboring particles (Type III settling). Finally, the soil particles settle to form a structure (Type IV settling). The dredging operation typically creates a soil suspension with 5 to 10 percent solids. At this concentration range, the clayey portion of the soils settles at a rate close to Type III. Types I and II settling are applicable for the more granular fills on this project. These two types are typically used for sediment transport modeling. Type IV settling is typically simulated with the diffusion equation using either Terzaghi or Gibson consolidation theory and is discussed in Section 2.2.6.

The dewatering time varies with type of soils and salinity of the water and is often determined using a column test. In this case, however, the bulk of the borrow material will be relatively granular soil. Settling velocities for such materials are commonly calculated using Stokes' Law (see, e.g., ASTM D422). Velocities for various particle size groups were calculated following D422 and are given in

Table 2.2-7, together with an estimate of the percentage of the Q-1 plus Q-2 borrow material falling into each size group.

TABLE 2.2-7
PARTICLE SETTLING VELOCITIES

Partiate Group	Size Range (mm)	Settling Velocity (ft./day)	Portion of Borrow (%)
Medium Sand	0.2-0.4	>1000	1
Fine Sand	0.07-0.2	>1000	5
Coarse Silt	0.02-0.07	330	56
Fine Silt	0.005-0.02	24	2
Clay	<0.005	1-6	36

Clearly, the granular portion (64%) of the fill will settle out of suspension in a period of a few days or less. The clay portion (36%) would theoretically be kept in suspension by Brownian movement. However results from a column test performed on similar materials from the Barataria Landbridge Project (BA-36) indicate it will actually flocculate and settle out in a period of less than about 1 to 2 months.

2.2.6 Settlements Induced by Area Fill. The area fill within the deposition areas will induce two types of settlements:

- Settlements within the deposition areas
- Additional settlements at the perimeter levees.

In addition, the surface of the Area Fill will exhibit settlement from two other sources: consolidation within the fill itself and geologic subsidence.

The settlements induced by the weight of the Area Fill are described below.

2.2.6.1 Method of Analyses. The calculations were made in the manner outlined in Section 2.2.3.1. The settlement data contained in the table in Section 2.2.3.4 indicated that the variations in settlement along the boring locations are typically within the ±25% accuracy commonly achieved in settlement analyses. Therefore, the computations were performed for the soil conditions at the same borings (CS-1, CS-2, and CS-4) to bound the additional levee settlements.

2.2.6.2 Settlements within Deposition Areas. The major consideration here is the loading which will occur as the soil grains settle out of suspension in the introduced water. It has

been assumed that sediment-laden water will be added periodically until the sediment surface is approximately 0.5 feet below the design long-term levee crests. Various sediment heights were also checked for completeness. The applied loading will be the resulting sediment thickness multiplied by the unit weight of the sediment. The latter was taken from earlier Column Tests and the densities observed for the shallow granular sediments in the boreholes; the design value was 70 lb/cu.ft. Net settlements adjusted for the effects of settlement on applied loading as described in Section 2.2.3.3 were used. The resulting settlement values are tabulated below:

TABLE 2.2-8
LONG-TERM AREA SETTLEMENTS DUE TO WEIGHT OF GENERAL FILL

Boring	Additional Area Settlement Due to General Fill (feet)			
	Elev. +1.0[f]	Elev. +1.5[f]	Elev. +2.0[f]	Elev.+3.0[f]
CS-1	0.22	0.26	0.32	0.44
CS-2	0.12	0.15	0.18	0.22
CS-4	0.12	0.16	0.21	0.30
Average	0.15	0.19	0.24	0.32

[f]: Design top of sediment (ft. NAVD); min. 0.5 feet freeboard. Marsh Elevation: 0.0 ft. NAVD
Settlements calculated for 30+ feet from levee

The values tabulated above are valid for relatively uniformly loaded areas at least 30 feet away from the toes of the levees. In the zones closer to the levees, the settlements can be approximated (if necessary) by interpolating between the values given above and those for additional levee settlements given in Section 2.2.6.4.

As described in Section 2.2.5, Type I and Type II settling will dominate even at the solids concentration expected from the dredging operation. However, the time to complete the two processes will be relatively short as compared to Type III settling process. The next step is dewatering (Type III), during which the unit weight of the newly-placed sediments change from the buoyant to the total state. Given these complications, a time-rate analysis is only an approximation. However, it is estimated that the settlement rates will be approximately as follows. Upon completion of final filling (5 year estimate), about 30% to 40% of the tabulated within fill settlement values will be completed (See Table 2.2-9). Another 20% to 30% will occur during the dewatering period, leaving 30 to 50% to take place after dewatering is complete. Figure C-11 presents the rate of settlement estimated without considering the dewatering time. Figure C-11A includes the dewatering (consolidation) within the fill itself, and C-11B adds the effect of geologic subsidence.

2.2.6.3 Overall Settlement Rate. The overall settlement rate is the combination of the effects from the three major sources:

- Settlement due to weight of Area Fill,
- Self-Weight Consolidation within the fill, and
- Geologic Subsidence.

These are combined in Table 2.2-9, below:

TABLE 2.2-9
AVERAGE POST-CONSTRUCTION AREA SETTLEMENT

Initial Fill Top Elevation (ft.NAVD)	Time After Construction (years)	Post-Construction Settlement (feet) due to			Total Post-Construction Settlement (feet)
		Soils Below Fill	Within Fill	Geologic Subsidence	
+1.0	0.5	0.08	0.03	0.01	0.12
	1.0	0.09	0.06	0.02	0.17
	2.0	0.11	0.08	0.05	0.24
	5.0	0.13	0.09	0.12	0.34
	10.0	0.14	0.10	0.25	0.49
	20.0	0.15	0.10	0.50	0.75
+1.5	0.5	0.10	0.02	0.01	0.13
	1.0	0.12	0.05	0.02	0.19
	2.0	0.14	0.09	0.05	0.28
	5.0	0.16	0.13	0.12	0.41
	10.0	0.18	0.14	0.25	0.57
	20.0	0.19	0.15	0.50	0.84
+2.0	0.5	0.13	0.02	0.01	0.16
	1.0	0.16	0.03	0.02	0.21
	2.0	0.18	0.07	0.05	0.30
	5.0	0.21	0.15	0.12	0.48
	10.0	0.22	0.18	0.25	0.65
	20.0	0.23	0.19	0.50	0.92
+3.0	0.5	0.17	0.02	0.01	0.20
	1.0	0.21	0.03	0.02	0.26
	2.0	0.24	0.05	0.05	0.34
	5.0	0.28	0.12	0.12	0.52
	10.0	0.30	0.21	0.25	0.76
	20.0	0.31	0.27	0.50	1.08

The total, overall rate is presented graphically for the various initial Area Fill elevations on Figure C-10.

2.2.6.4 Settlement Effects on Levees. The weight of the new sediments adjacent to the levees will cause additional settlements of these levees. These movements were calculated for the two borings (CS-1 and CS-4) showing the least and most compressible soil conditions along the levees in order to "bound" the movements. They indicated total, long-term centerline adjusted settlements of the levees of around 0.1 feet at both locations. These movements will occur at approximately the rates given for the Depositional Areas in Section 2.2.6.2.

2.2.7 Cut/Fill Ratios. Two cases should be considered here. The first is the amount of cut necessary to create a given amount of levee fill. The levee fill is assumed to be placed mechanically (i.e., with draglines or similar equipment), not hydraulically. The general fill will be placed hydraulically, and will therefore have a cut/fill ratio different from that applicable to mechanically placed fill. Both cases are described below.

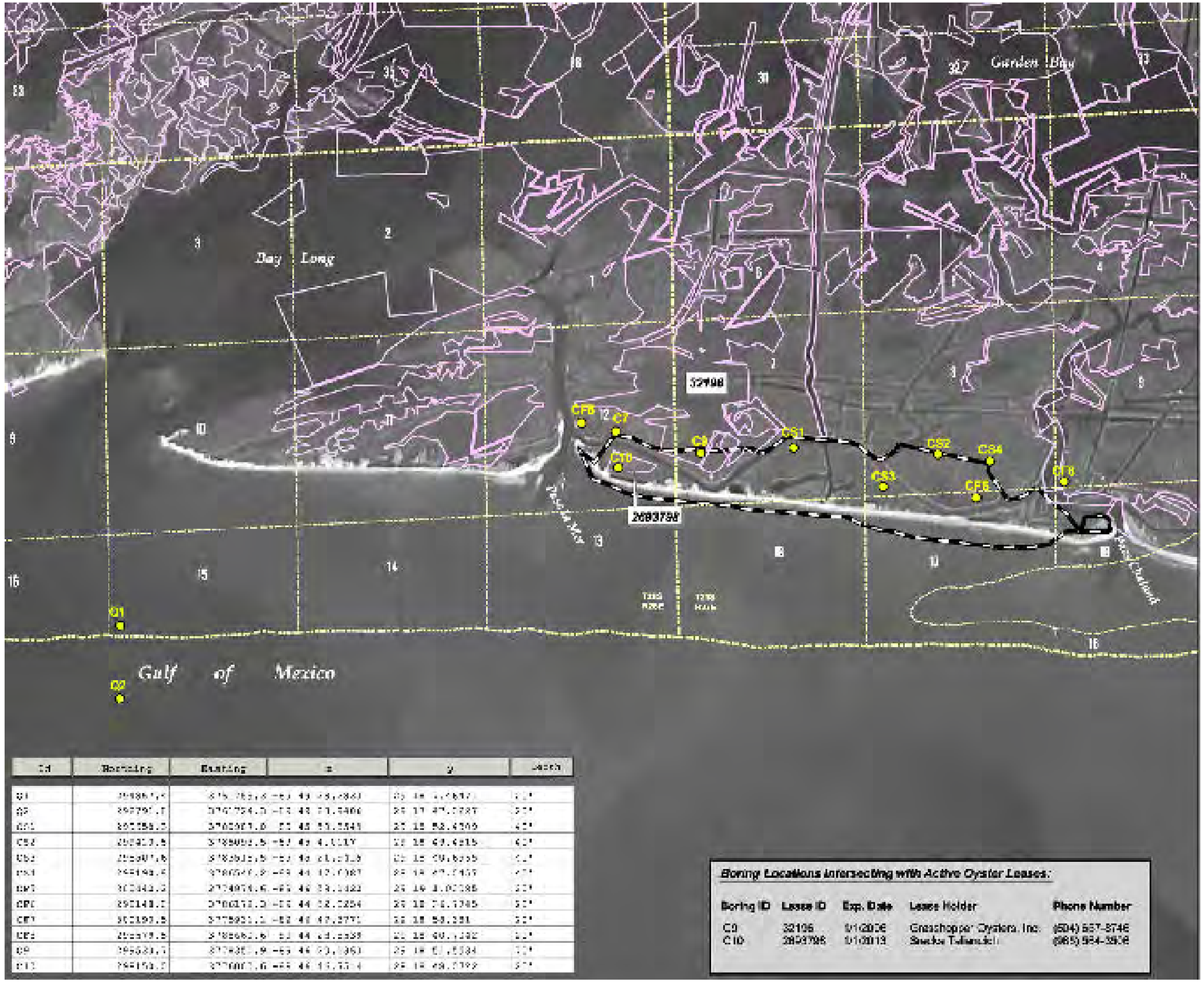
2.2.7.1 Levee Fill. Reference is made to the descriptions of the soil conditions along the levees given in Section 2.1.2. Overall, about 36% of the cut material will be clay (CH), which is not as suitable for levee construction as the more granular materials. The shrinkage of the more suitable SM and ML soils from pit to levee will depend primarily on transport losses and loss of water content. The former (transport) is best obtained from experienced contractors, but is expected to be on the order of 25%. The water loss shrinkage is estimated as 10% to 15% of the pit volume. Overall, then, preliminary estimate can be based on about 1.3 to 1.5 cubic yards of suitable cut to produce 1.0 cubic yard of levee fill.

2.2.7.2 Area Fill. It is very difficult to determine the cut/fill ratios for the hydraulically placed area fill. As discussed in Section 2.2.5, sedimentation or settlement occur in stages, thereby the volume of fill changes. A reasonable assumption of the initial fill height is when the density of the fill reaches the end of Type III settling (fast) or beginning of the Type IV settling (slow). The fill soil volume then can be related to the density and cut/fill ratio determined. Based on a column test performed for the Barataria Landbridge Project (BA-36). The cut/fill ratio is approximately 1.1, i.e., 1.1 cubic yards of suitable cut should produce 1.0 cubic yard of in-place area fill.

2.2.8 Erosion Protection. A large portion of the levees will consist of ML, SC, and SM soils, which are highly erodible. Erosion protection will be required, especially on the gulf side of the South levee. It must be flexible to withstand the anticipated settlements; rip-rap is indicated. A filter fabric is recommended against the fill to prevent washing of the fines. It should be a non-woven geotextile having a weight of at least 8 ounces per square yard (ASTM D3776) an Equivalent Opening Size around 0.05 mm as determined by ASTM D4751, and a grab strength of at least 125 lb. by ASTM D4632. The 6 to 12 inch layer of riprap adjacent to the fabric should be 6 inch maximum stone. The remainder of the riprap should be sized according to the appropriate methods for the wave action anticipated.

Oct 29, 2003 – 3:46pm

P:\2003\03-1114\CADD\031114-C1 CHALAND BORING PLAN.DWG



ID	Northing	Easting	x	y	Depth
C1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
C2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CF1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CS2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CS3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CS4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CF7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CF5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CF6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CF8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Boring Locations Intersecting with Active Oyster Leases:

Boring ID	Lease ID	Exp. Date	Lease Holder	Phone Number
C9	32106	9/1/2026	Grasshopper Oysters, Inc.	(504) 667-8746
C10	2093798	9/1/2013	Sandra Tullendech	(985) 924-3808

REFERENCE:
MAP ID: USGS–NWRC 2003–04–0305

BARATARIA BARRIER ISLAND RESTORATION COMPLEX
(CHALAND HEADLAND)
PROJECT BA-38)
PLAQUEMINES PARISH, LOUISIANA

for
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
BATON ROUGE, LOUISIANA

C-K & ASSOCIATES, INC.
ENGINEERS
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Soil Testing Engineers, Inc.
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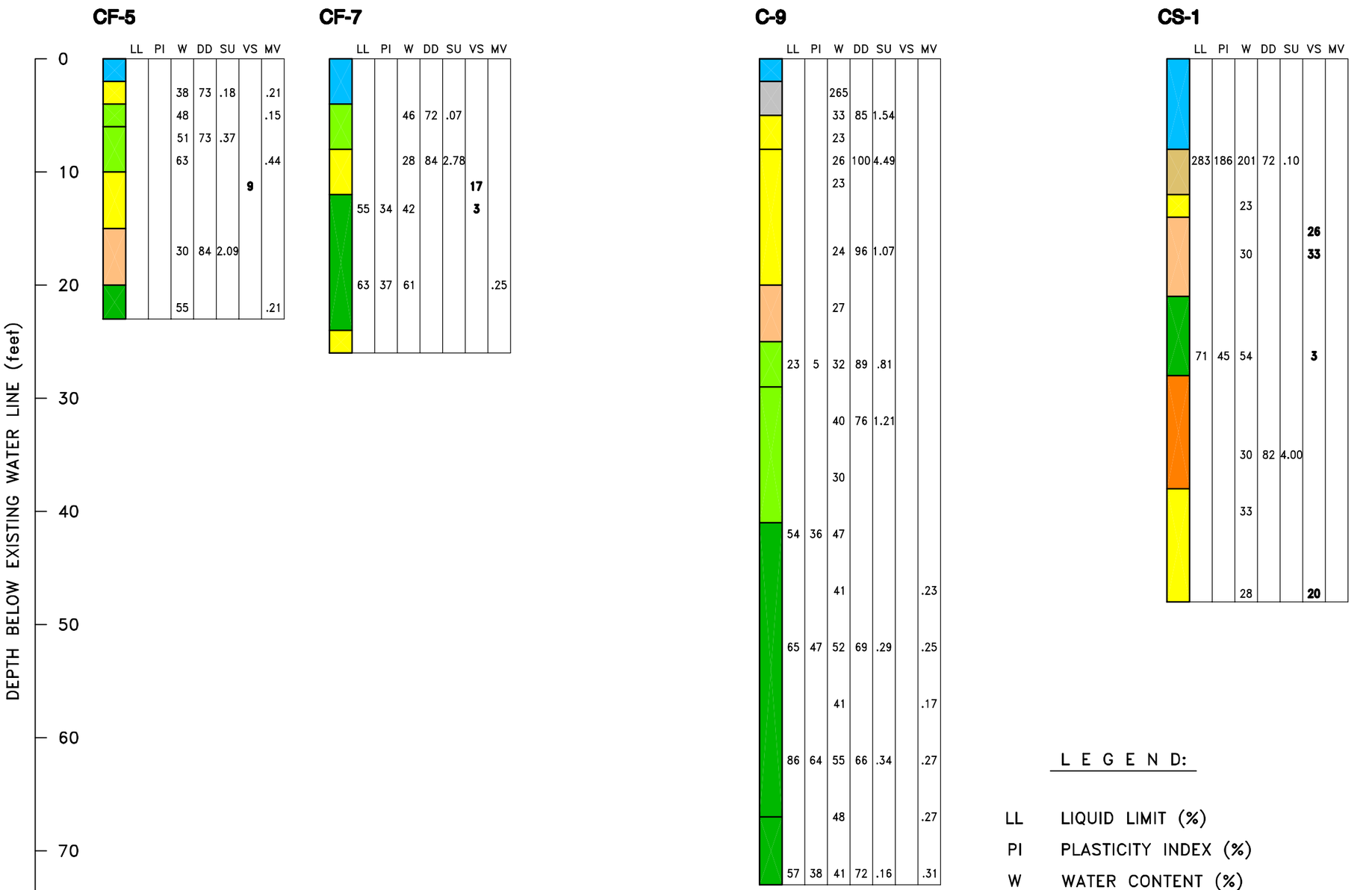
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03–1114	Date: 9–18–03	Figure No.: C-1

Title:
BORING PLAN



SYMBOL	SOIL TYPE
	WATER
	PEAT
	ORGANIC CLAY (OH)
	CLAY (CH)
	SILTY CLAY or SANDY CLAY (CL)
	CLAYEY SAND (SC)
	SANDY SILT, CLAYEY SILT (ML)
	SILTY SAND (SM)

L E G E N D:

LL LIQUID LIMIT (%)
PI PLASTICITY INDEX (%)
W WATER CONTENT (%)
DD DRY DENSITY (pcf)
SU UNDRAINED SHEAR STRENGTH (ksf)
VS FIELD VANE SHEAR (ksf)
NOTE: **BOLD** = Standard Penetration Resistance (blows/foot)
MV MINIATURE LAB VANE SHEAR (ksf)

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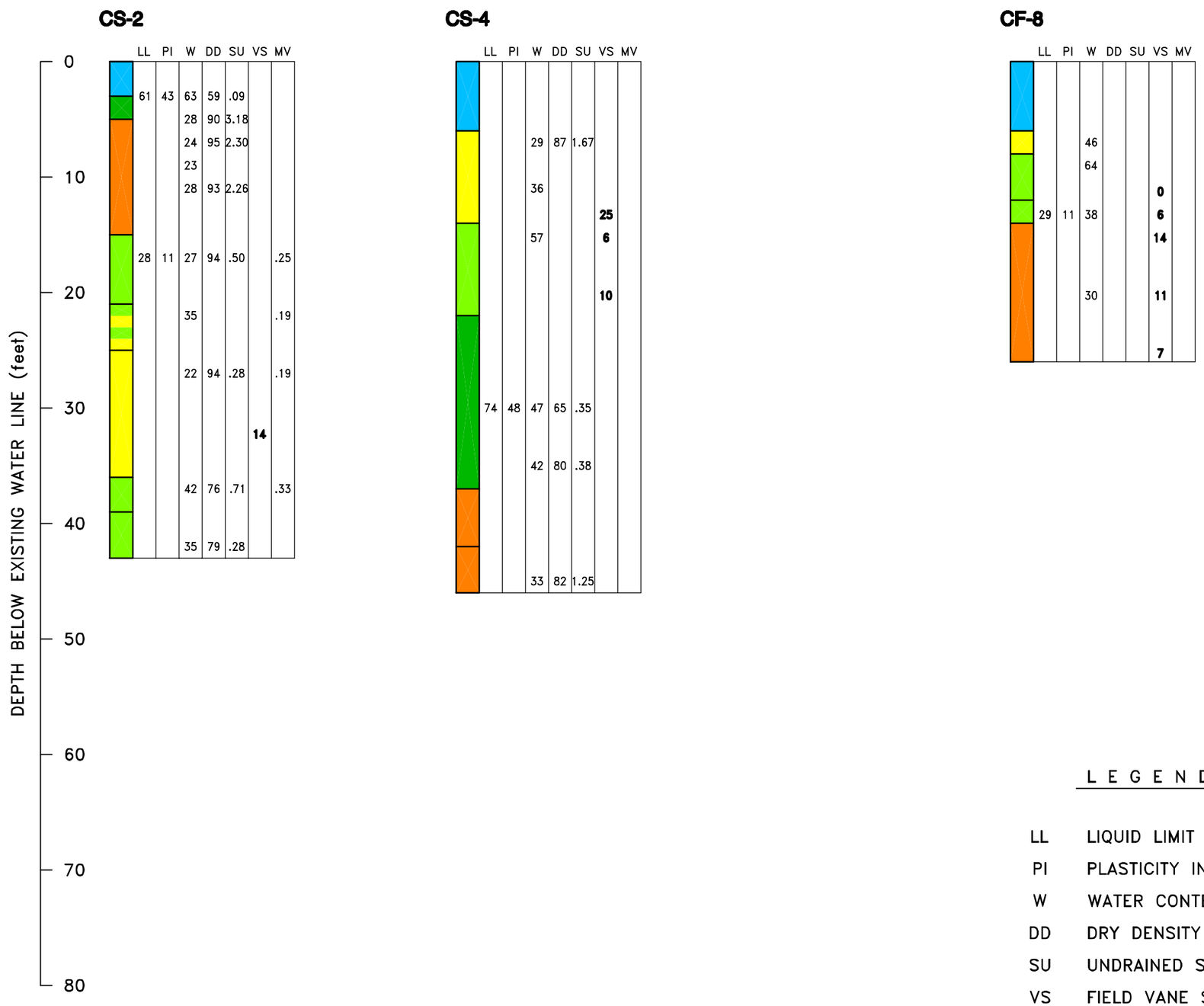
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03-1114	Date: 9-22-03	Figure No.: C-2

Title: **SOIL PROFILE CF-5, CF-7, C-9 & CS-1**

Oct 29, 2003 - 3:46pm

P:\2003\03-1114\CADD\031114-C2 PROFILE CF5 CF7 C9 CS1.DWG



SYMBOL	SOIL TYPE
	WATER
	PEAT
	ORGANIC CLAY (OH)
	CLAY (CH)
	SILTY CLAY or SANDY CLAY (CL)
	CLAYEY SAND (SC)
	SANDY SILT, CLAYEY SILT (ML)
	SILTY SAND (SM)

L E G E N D:

LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
W	WATER CONTENT (%)
DD	DRY DENSITY (pcf)
SU	UNDRAINED SHEAR STRENGTH (ksf)
VS	FIELD VANE SHEAR (ksf)
	NOTE: **BOLD** = Standard Penetration Resistance (blows/foot)
MV	MINIATURE LAB VANE SHEAR (ksf)

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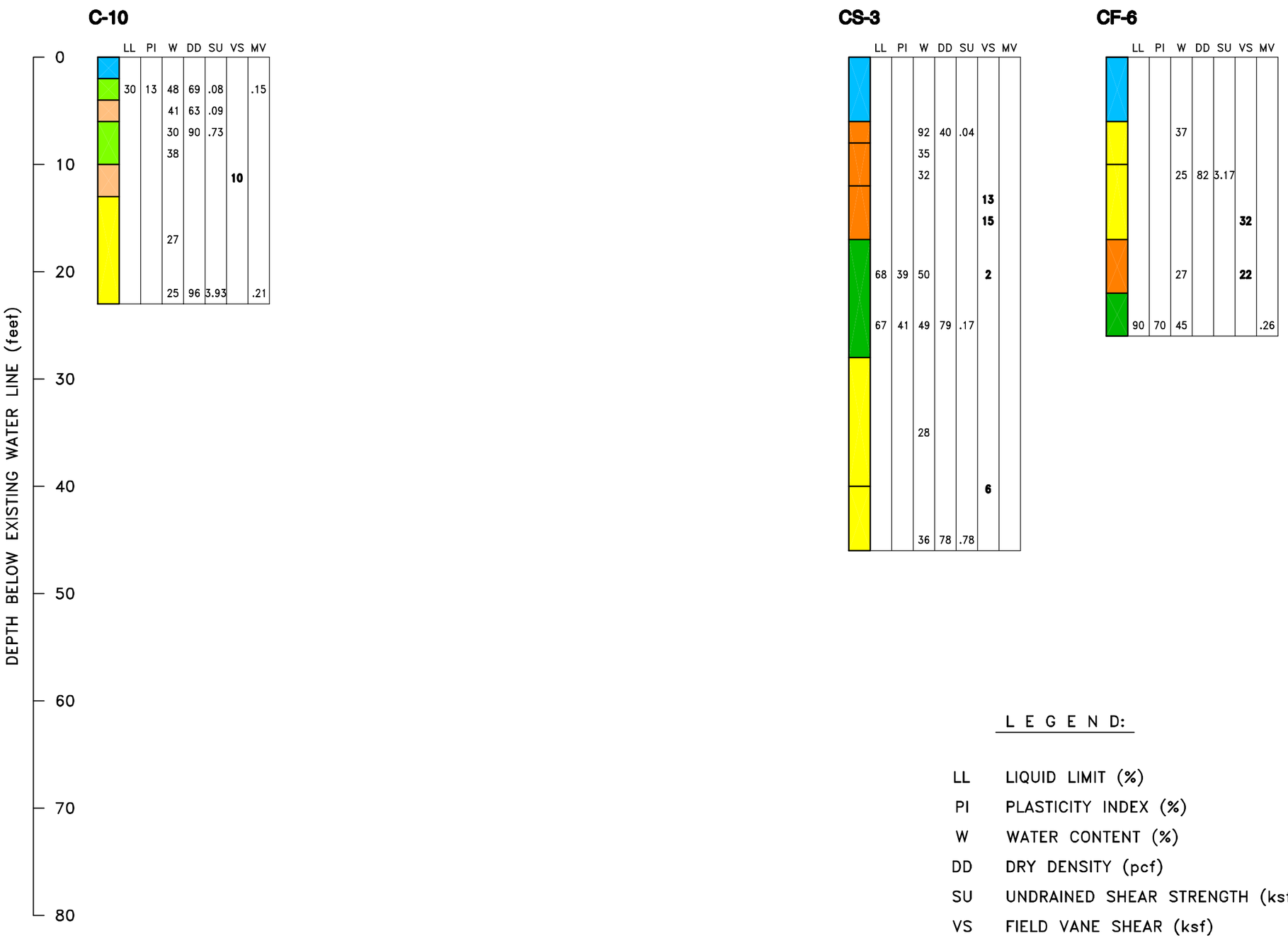
G.P. Boutwell	DMS	
File No.: 03-1114	Date: 9-22-03	Figure No.: C-3

Title: **SOIL PROFILE CS-2, CS-4 & CF-8**

Oct 29, 2003 - 3:47pm

P:\2003\03-1114\CADD\031114-C3 PROFILE CS2 CS4 CF8.DWG



SYMBOL	SOIL TYPE
	WATER
	PEAT
	ORGANIC CLAY (OH)
	CLAY (CH)
	SILTY CLAY or SANDY CLAY (CL)
	CLAYEY SAND (SC)
	SANDY SILT, CLAYEY SILT (ML)
	SILTY SAND (SM)

L E G E N D:

LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
W	WATER CONTENT (%)
DD	DRY DENSITY (pcf)
SU	UNDRAINED SHEAR STRENGTH (ksf)
VS	FIELD VANE SHEAR (ksf)
	NOTE: **BOLD** = Standard Penetration Resistance (blows/foot)
MV	MINIATURE LAB VANE SHEAR (ksf)

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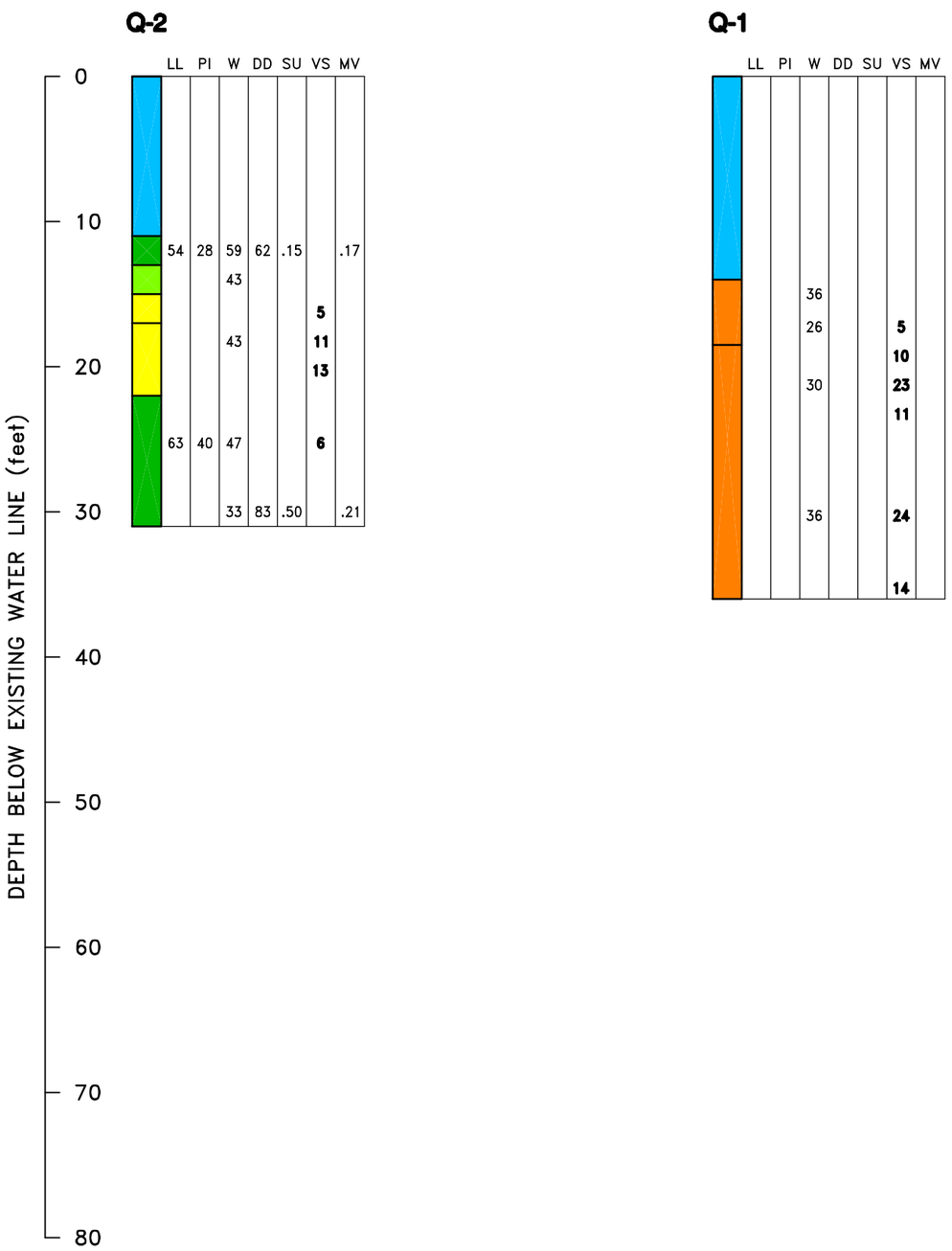
G.P. Boutwell	DMS	
File No.: 03-1114	Date: 9-22-03	Figure No.: C-4

Title: **SOIL PROFILE C-10, CS-3 & CF-6**

Oct 29, 2003 - 3:47pm

P:\2003\03-1114\CADD\031114-C4 PROFILE C10 CS3 CF6.DWG



SYMBOL	SOIL TYPE
	WATER
	PEAT
	ORGANIC CLAY (OH)
	CLAY (CH)
	SILTY CLAY or SANDY CLAY (CL)
	CLAYEY SAND (SC)
	SANDY SILT, CLAYEY SILT (ML)
	SILTY SAND (SM)

L E G E N D:

LL LIQUID LIMIT (%)
PI PLASTICITY INDEX (%)
W WATER CONTENT (%)
DD DRY DENSITY (pcf)
SU UNDRAINED SHEAR STRENGTH (ksf)
VS FIELD VANE SHEAR (ksf)
NOTE: **BOLD** = Standard Penetration Resistance (blows/foot)
MV MINIATURE LAB VANE SHEAR (ksf)

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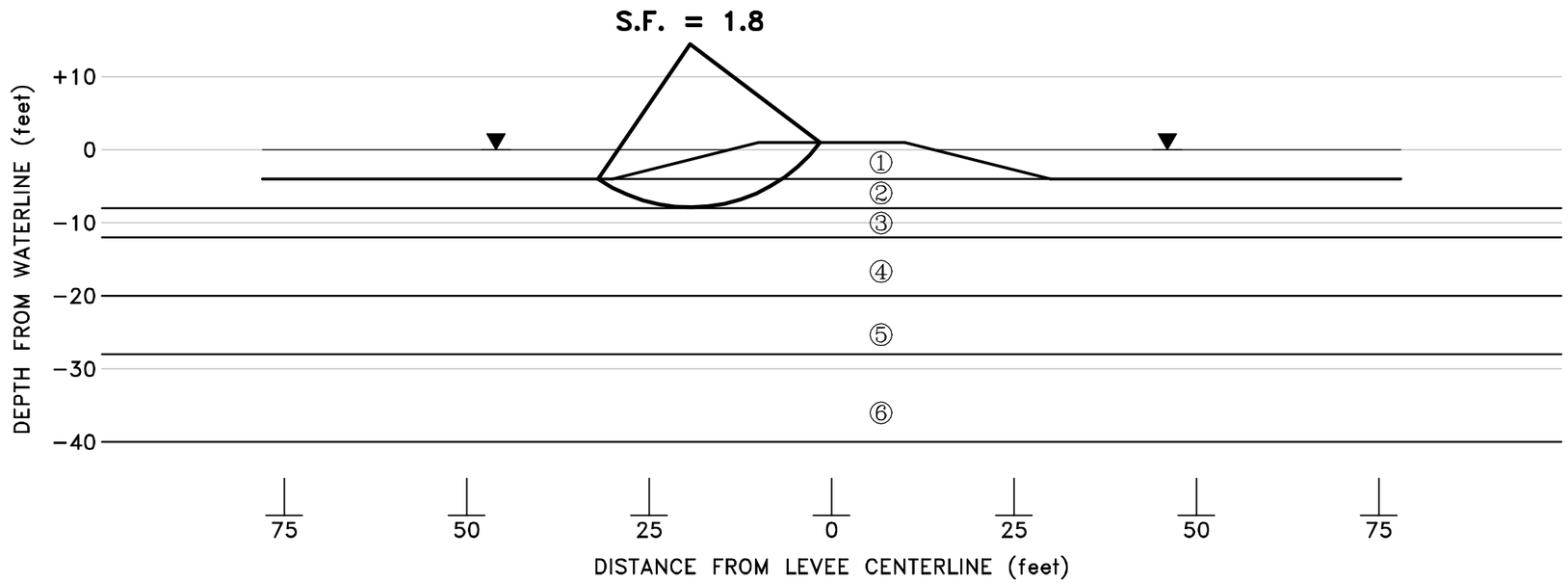
G.P. Boutwell	DMS	
File No.: 03-1114	Date: 9-22-03	Figure No.: C-5

Title: **SOIL PROFILE Q-1 & Q-2**

Oct 29, 2003 - 3:47pm

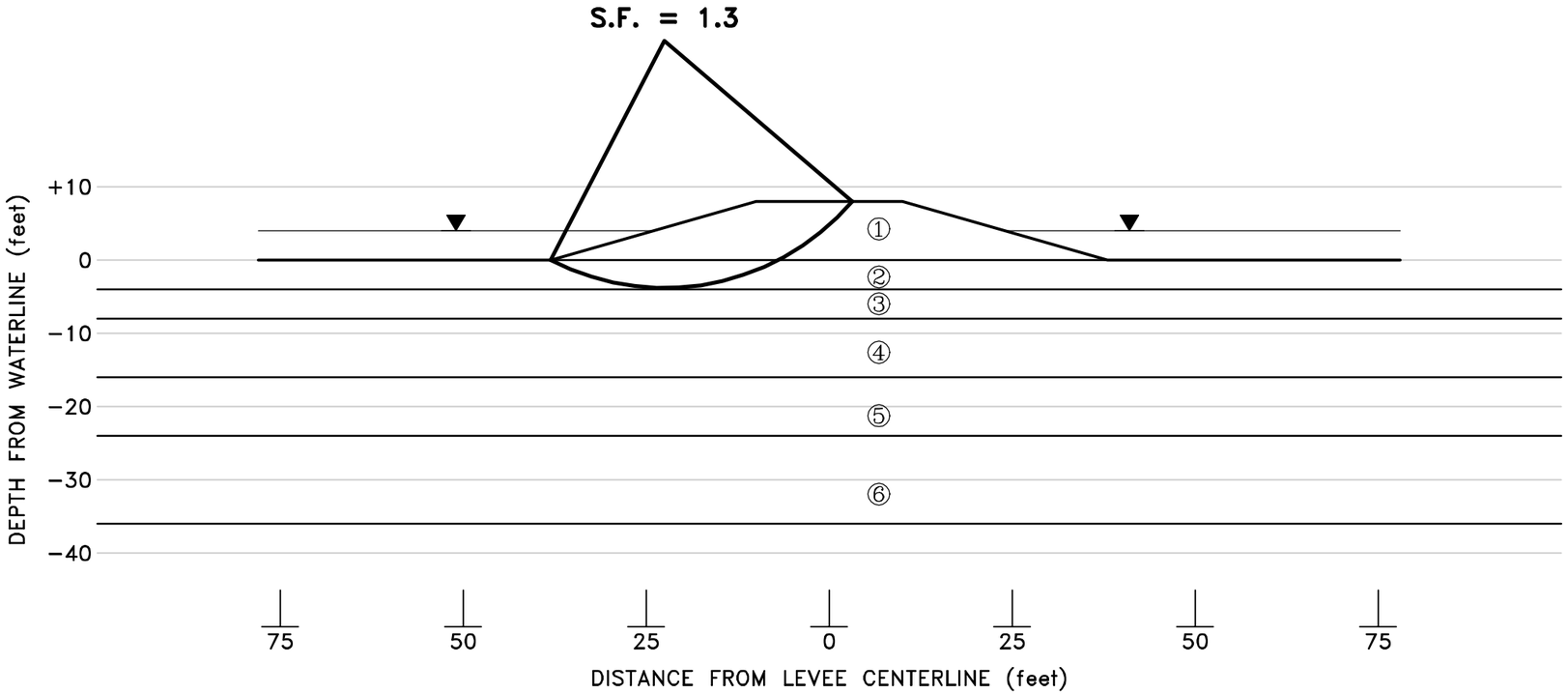
P:\2003\03-1114\CADD\031114-C5 PROFILE Q2 Q1.DWG



1 FOOT FREEBOARD, 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	70	105	0
3	0	108	28
4	300	105	0
5	50	117	22
6	280	106	0

a: Analyzed for both fill types. Lowest SF illustrated.



3 FOOT FREEBOARD, 1(V):4(H) SLOPES

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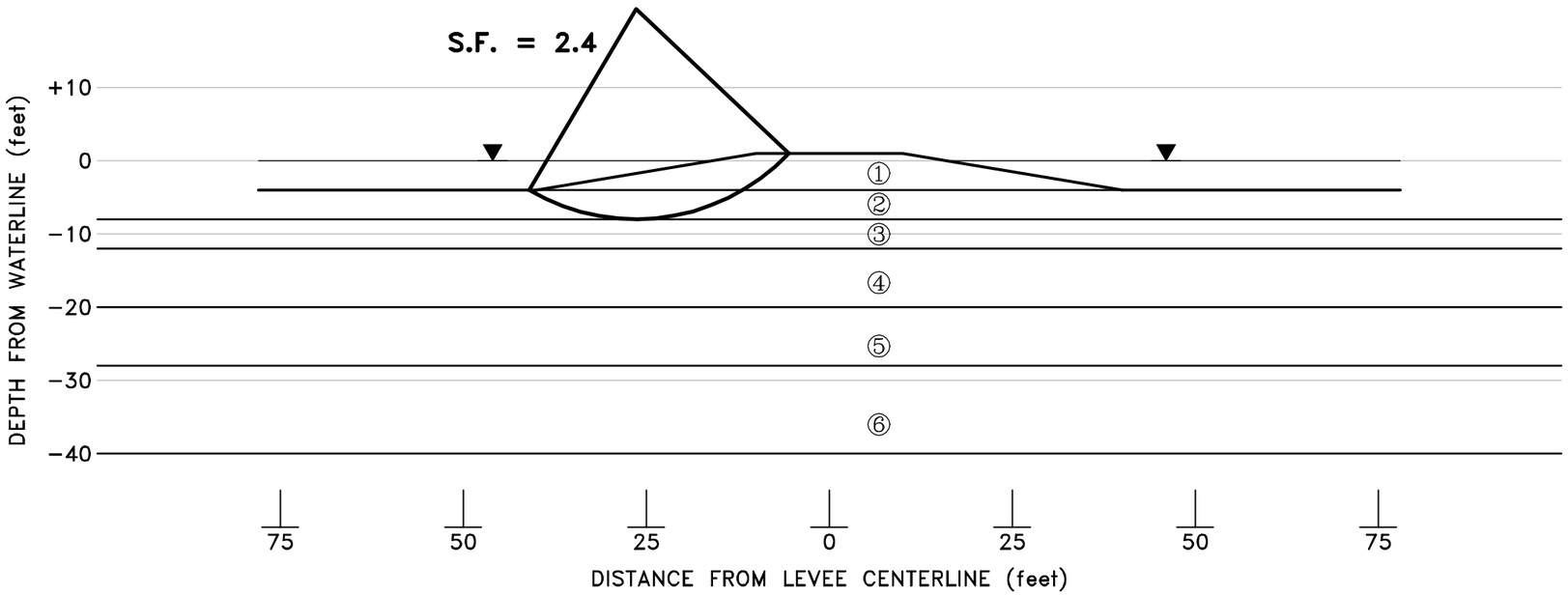
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03−1114	Date: 10−29−03	Figure No.: C-6

Title: **STABILITY ANALYSES WEST LEVEE**

Oct 29, 2003 − 3:48pm

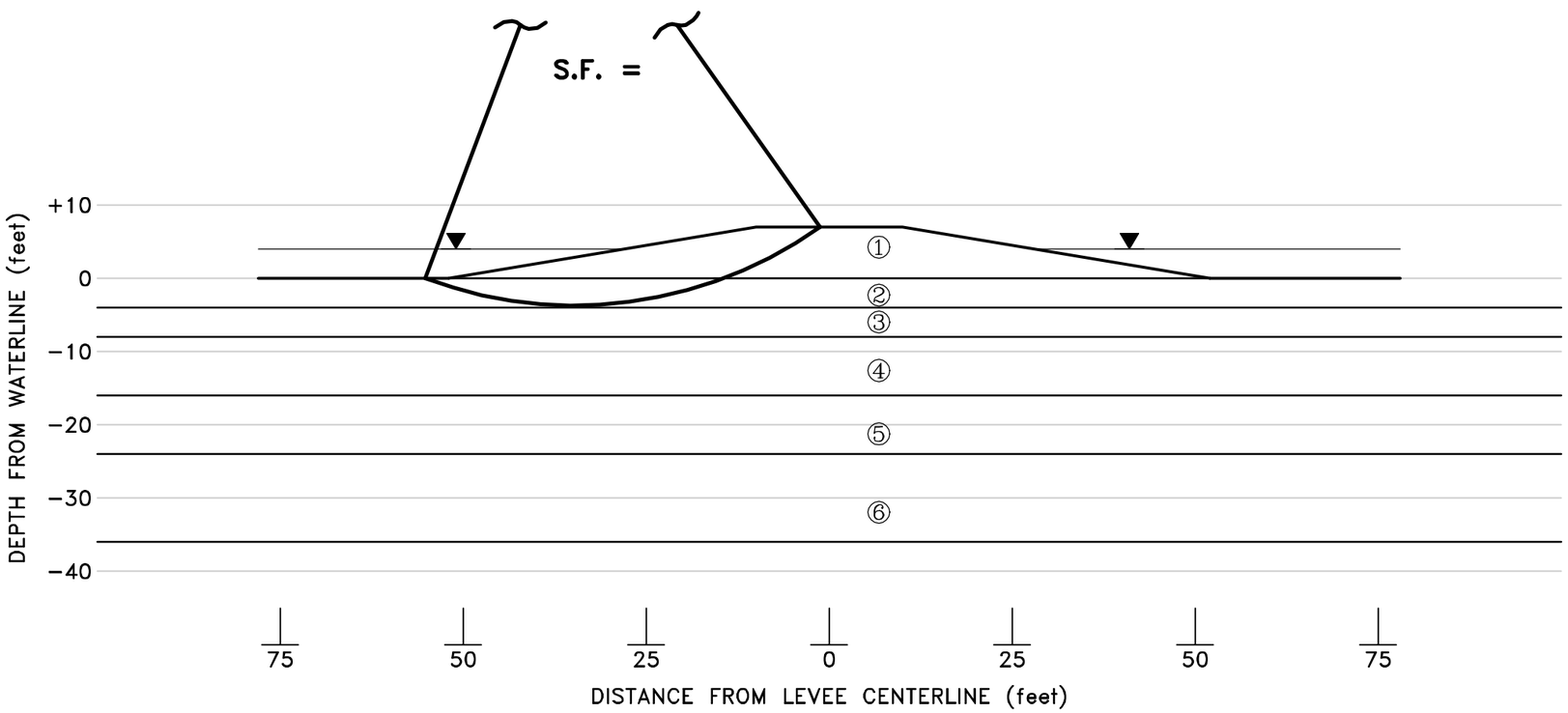
P:\2003\03−1114\CADD\031114−C6 WEST LEVEE STABILITY.DWG



1 FOOT FREEBOARD, 1(V):6(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	70	105	0
3	0	108	28
4	300	105	0
5	50	117	22
6	280	106	0

a: Analyzed for both fill types. Lowest SF illustrated.



3 FOOT FREEBOARD, 1(V):6(H) SLOPES

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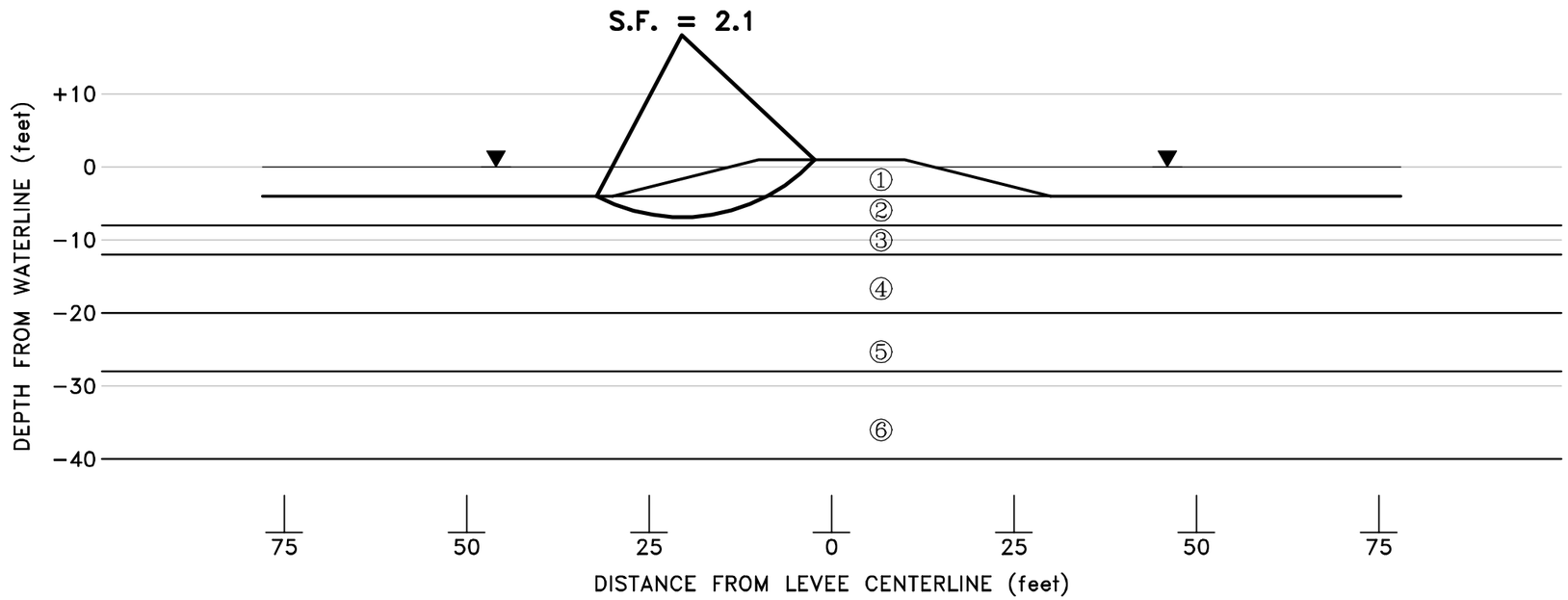
G.P. Boutwell	DMS	
File No.: 03−1114	Date: 10−29−03	Figure No.: C-6A

Title: **STABILITY ANALYSES WEST LEVEE**

Oct 29, 2003 − 3:49pm

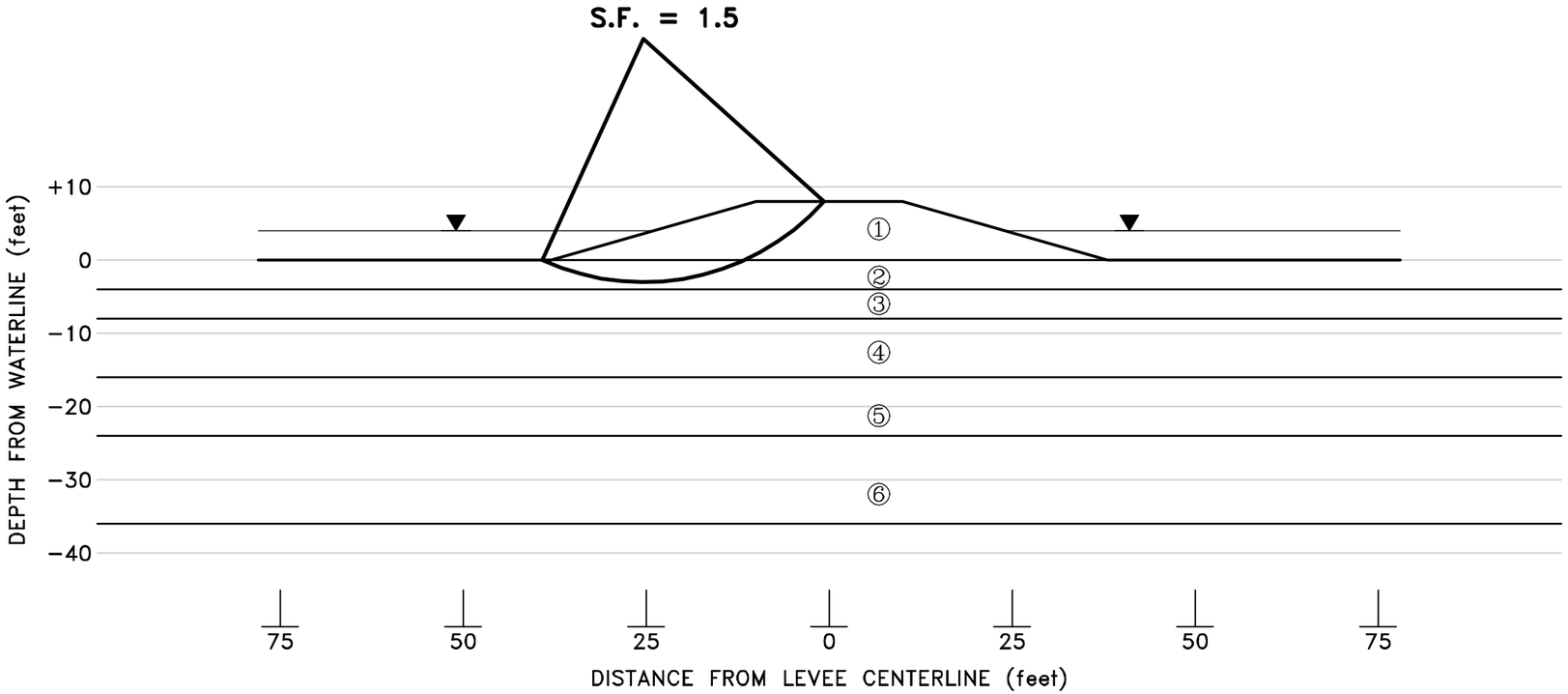
P:\2003\03−1114\CADD\031114−C6A WEST LEVEE STABILITY.DWG



1 FOOT FREEBOARD, 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	100	90	0
3	0	110	26
4	100	120	28
5	350	104	0
6	0	107	24

a: Analyzed for both fill types. Lowest SF illustrated.



3 FOOT FREEBOARD, 1(V):4(H) SLOPES

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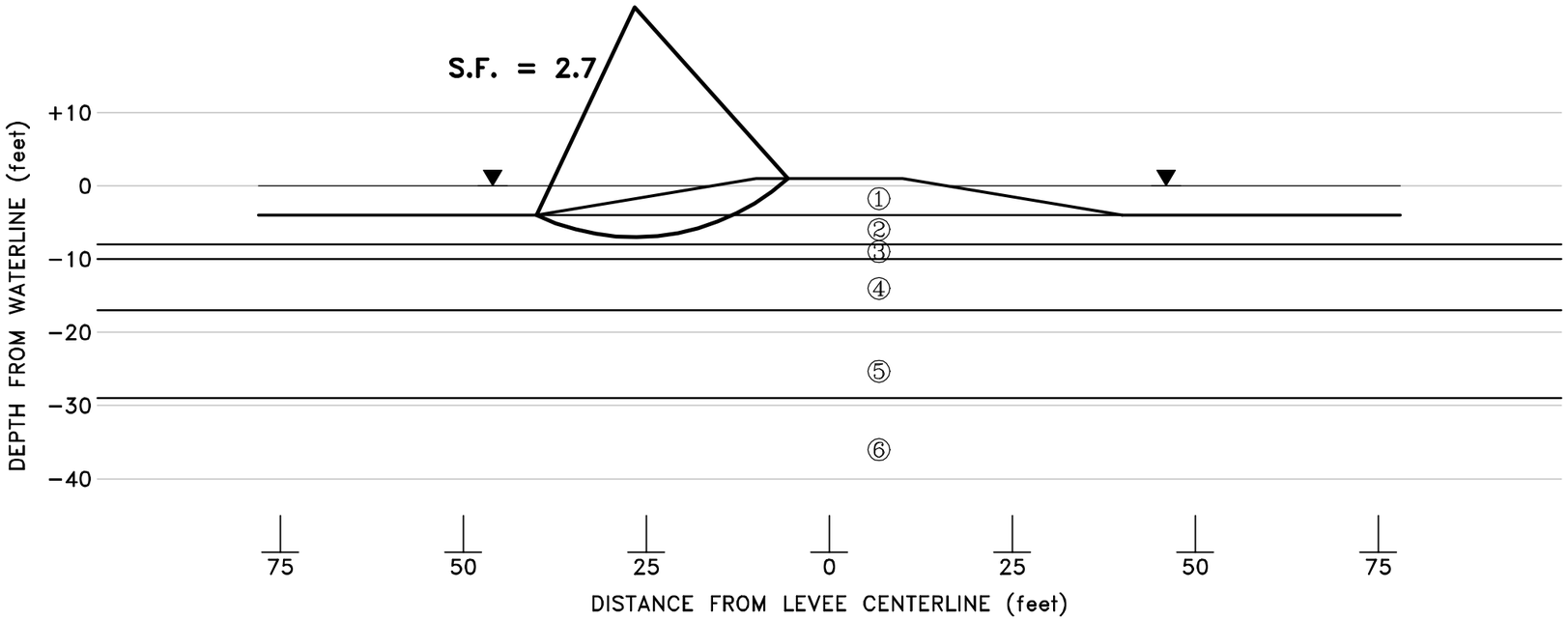
G.P. Boutwell	DMS	
File No.: 03−1114	Date: 10−29−03	Figure No.: C-7

Title: **STABILITY ANALYSES NORTH/EAST LEVEE**

Oct 30, 2003 − 1:09pm

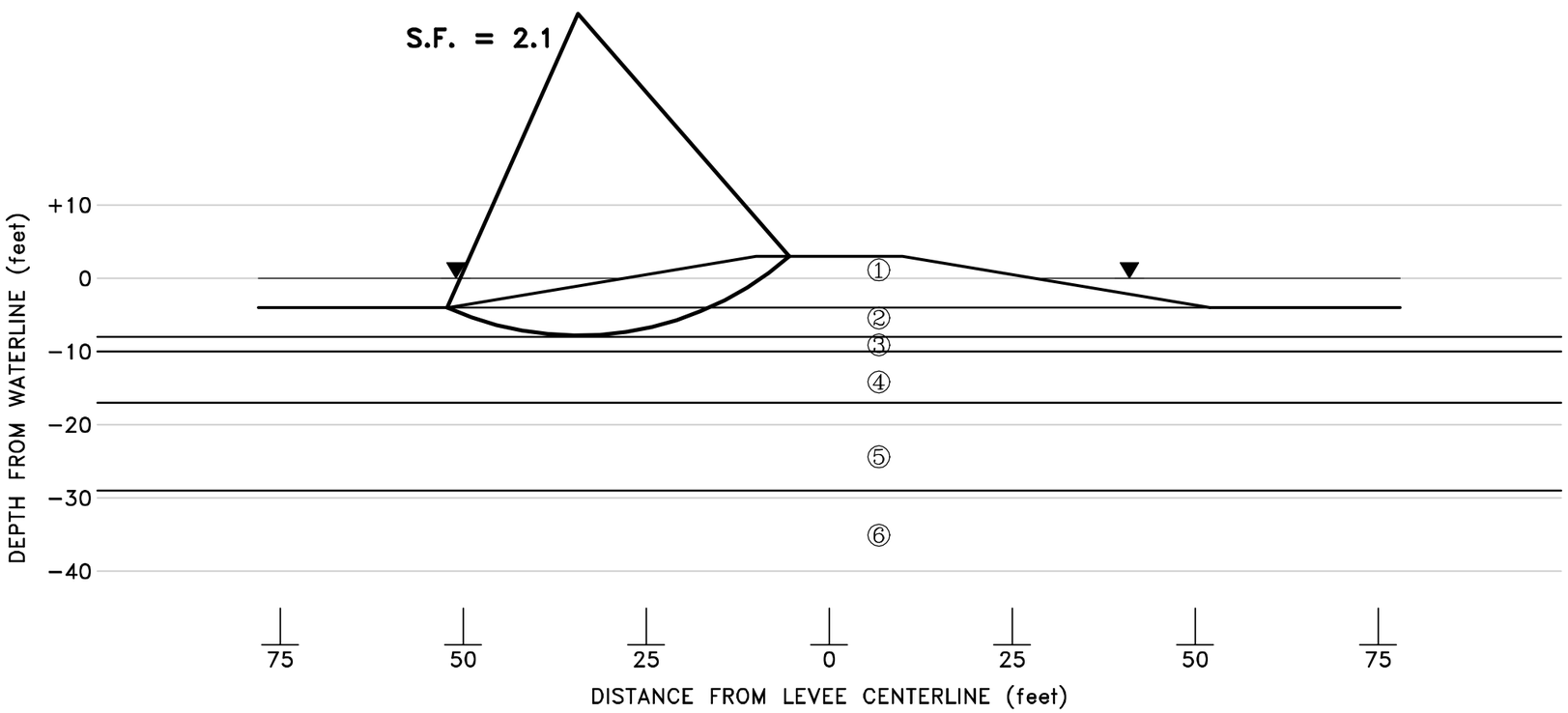
P:\2003\03−1114\CADD\031114−C7 NORTH−EAST LEVEE STABILITY.DWG



1 FOOT FREEBOARD, 1(V):6(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	100	90	0
3	0	110	26
4	100	120	28
5	350	104	0
6	0	107	24

a: Analyzed for both fill types. Lowest SF illustrated.



3 FOOT FREEBOARD, 1(V):6(H) SLOPES

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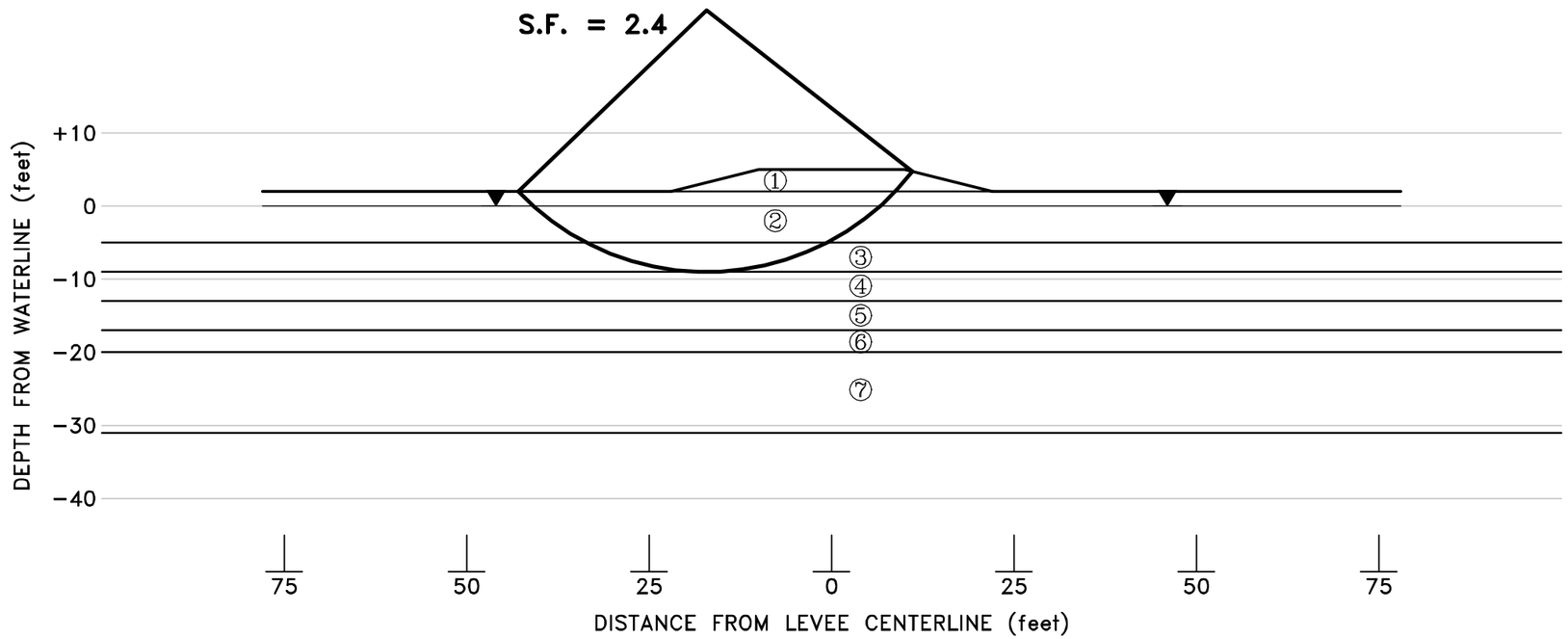
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03−1114	Date: 10−29−03	Figure No.: C-7A

Title: **STABILITY ANALYSES NORTH/EAST LEVEE**

Oct 30, 2003 − 1:09pm

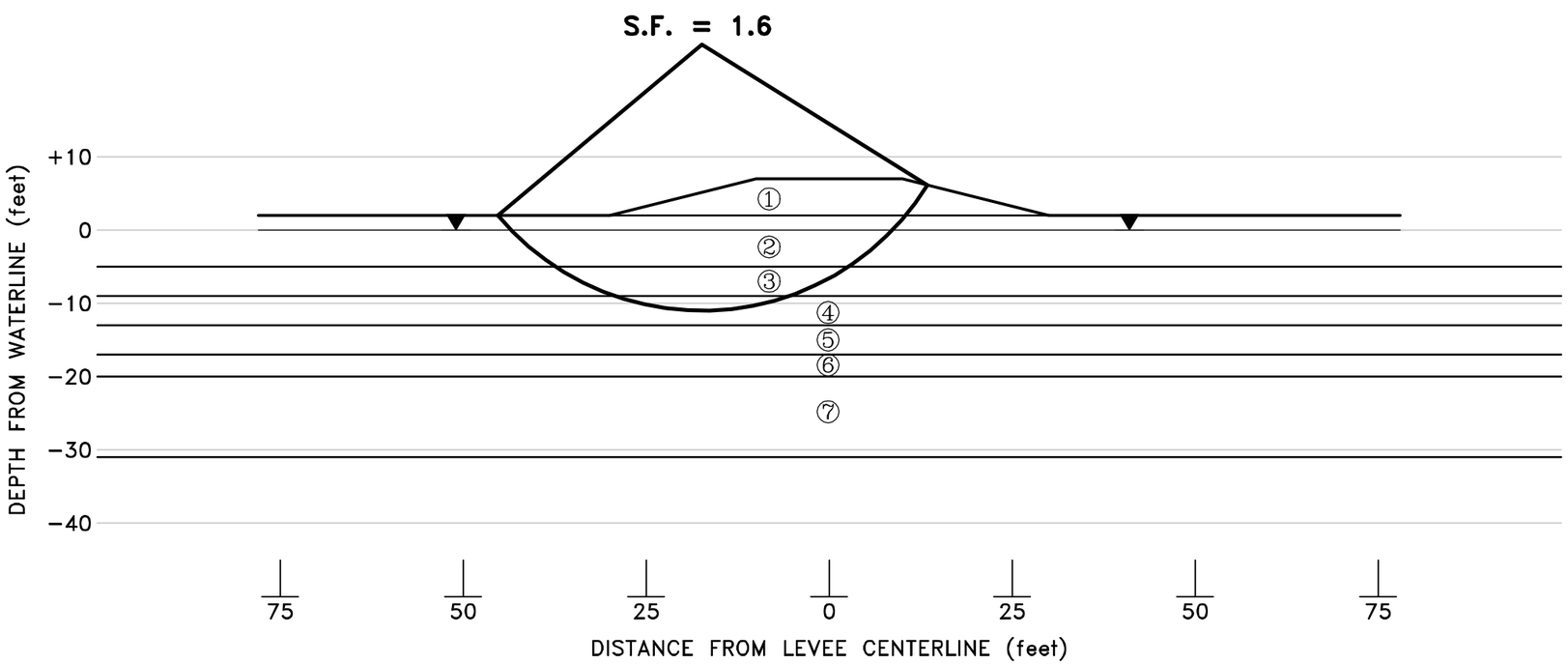
P:\2003\03−1114\CADD\031114−C7A NORTH−EAST LEVEE STABILITY.DWG



LEVEE TOP 3 FEET ABOVE RIDGE (5 FOOT FREEBOARD) 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	0	112	26
3	80	89	0
4	370	113	0
5	50	110	22
6	0	110	28
7	170	117	0

a: Analyzed for both fill types.
Lowest SF illustrated.



LEVEE TOP 5 FEET ABOVE RIDGE (7 FOOT FREEBOARD) 1(V):4(H) SLOPES

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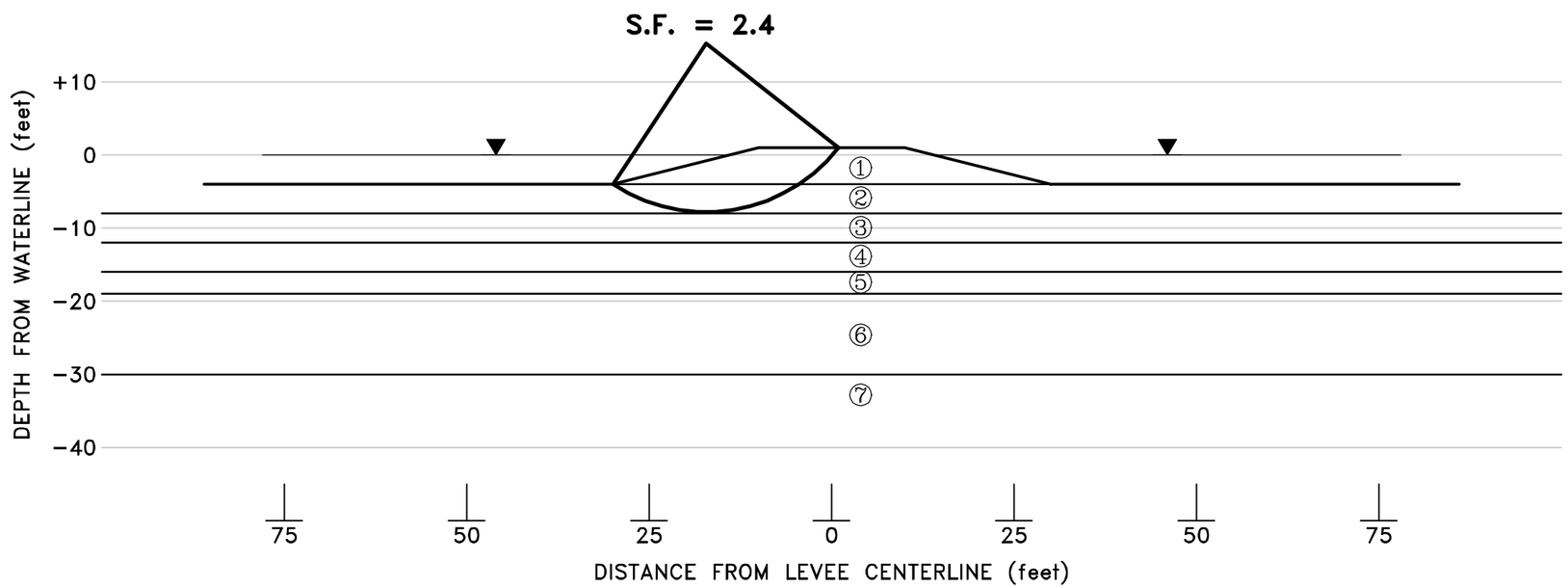
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03–1114	Date: 10–29–03	Figure No.: C-8

Title: **STABILITY ANALYSES**
SOUTH LEVEE ON BEACH RIDGE

Oct 29, 2003 – 3:48pm

P:\2003\03–1114\CADD\031114–C8 SOUTH LEVEE STABILITY.DWG



1 FOOT FREEBOARD 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	80	89	0
3	370	113	0
4	50	110	22
5	0	110	28
6	170	117	0
7	0	106	28

a: Analyzed for both fill types.
Lowest SF illustrated.

3 FEET FREEBOARD 1(V):4(H) SLOPES

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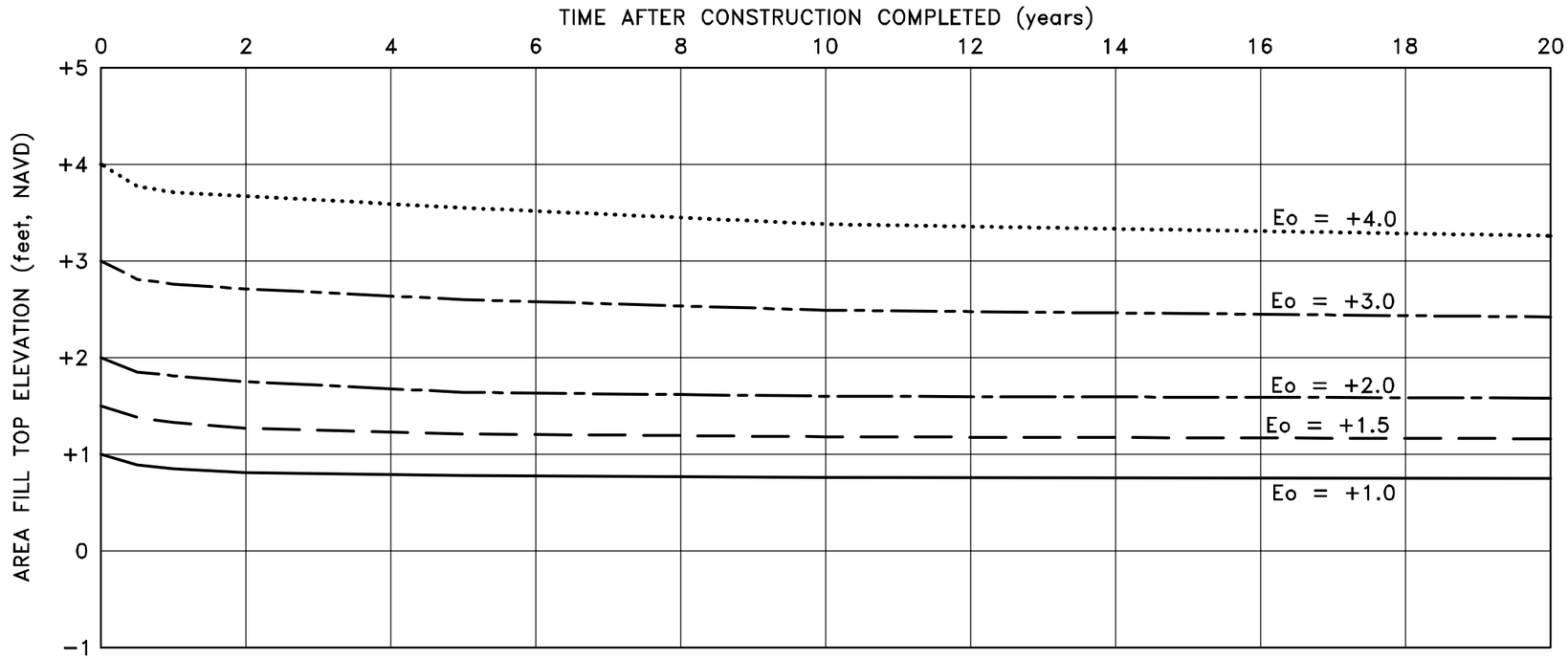
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03−1114	Date: 10−29−03	Figure No.: C-9

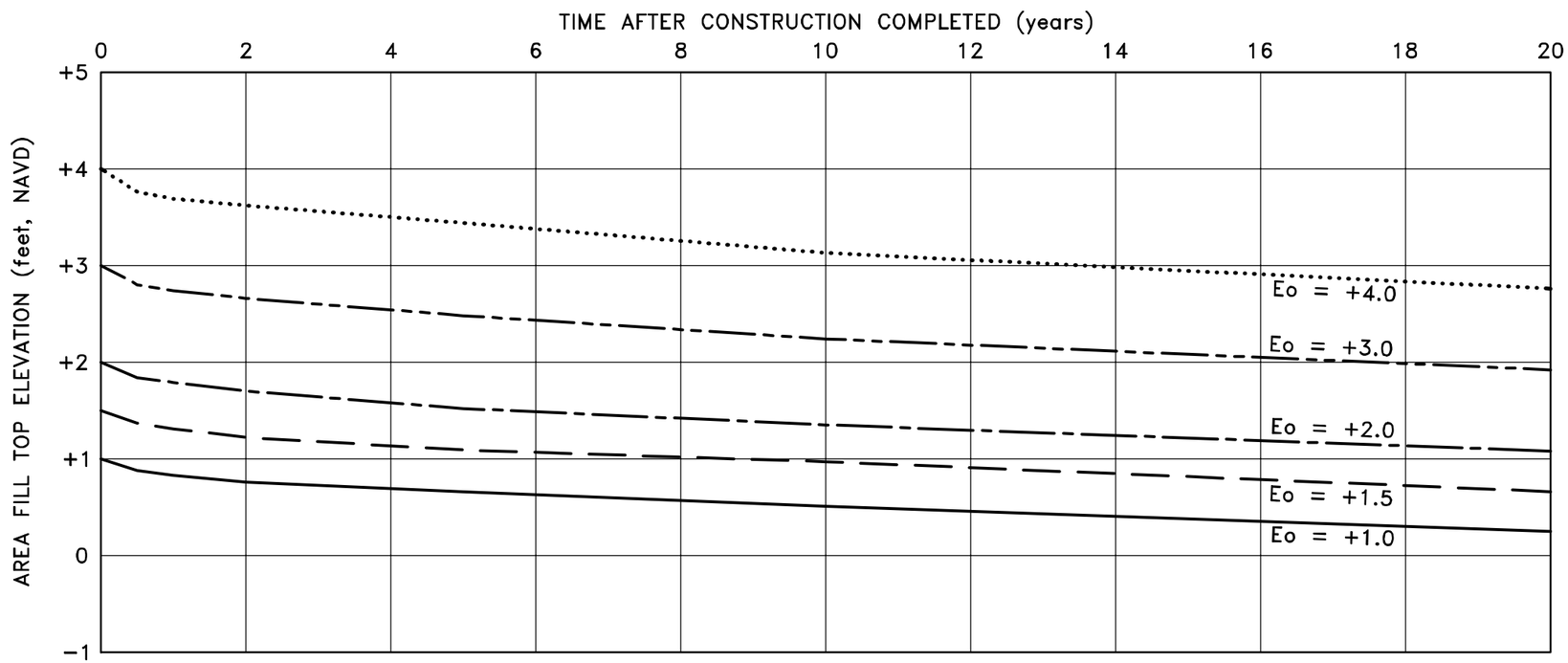
Title: **STABILITY ANALYSES SOUTH LEVEE - OFFSHORE**

Oct 29, 2003 – 3:50pm

P:\2003\03-1114\CADD\031114-C9 SOUTH LEVEE STABILITY.DWG



WITHOUT GEOLOGIC SUBSIDENCE



WITH GEOLOGIC SUBSIDENCE

NOTES:

1. Settlements include both self–weight consolidation and weight–induced settlements in foundation soils.

2. Geologic subsidence rate furnished by LDNR = 0.5 ft./20 yr.

BARATARIA BARRIER ISLAND RESTORATION COMPLEX
(CHALAND HEADLAND)
PROJECT BA-38)
PLAQUEMINES PARISH, LOUISIANA

for
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
BATON ROUGE, LOUISIANA

C-K & ASSOCIATES, INC.
ENGINEERS
BATON ROUGE, LOUISIANA

STE
Soil Testing Engineers, Inc.
Baton Rouge, LA Lake Charles, LA Metairie, LA

Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03–1114	Date: 10–29–03	Figure No.: **C-10**

Title: **TIME-SETTLEMENT CURVES: AREA FILL**

Oct 29, 2003 – 3:50pm

P:\2003\03–1114\CADD\031114–C10 TIME SETTLEMENT.DWG

3.0 PELICAN HEADLAND AREA

3.1 GEOLOGICAL AND SOIL CONDITIONS

3.1.1 Site and Geology Conditions. This site is bounded on the west by Bayou Fontanelle and on the east by Scofield Bayou; see Figures G-1 and G-2. The surface is either water (at about 0 feet NAVD), marshland (at undefined elevations less than 5 feet NAVD), or, along the eastern tip of the south side, a barrier beach (again, elevations undefined). Reference is made to Figure G-2 and the sources cited on that figure. It indicates that the former barrier beach has generally been last to island migration and erosion. Abandoned courses traverse the project area in an essentially N-S direction about 1 mile east of Bayou Fontanelle and at English Bayou, roughly 0.7 miles west of Scofield Bayou.

STE was unable to find a published geological section close to the site. However, it appears that Holocene deposits will be found to below Elevation -200 feet NAVD, where Pleistocene-age materials begin. It must be assumed that the beach ridge exists to about Elevation -10 feet NAVD similarly to the data noted for Chaland Headland in Section 2.1.1.

3.1.2 Soil Conditions - Project Construction Area. Ten (10) borings were made to determine the subsurface conditions in the Pelican Headland project area. All of these borings were given a "P"-number (P, PF, or PS as designated by LDNR); their approximate locations are given on Figure P-I. Global Positioning System (GPS) coordinates taken during drilling are shown on the individual logs of the borings in Appendix A. The borings can be divided into three groups having roughly similar characteristics for ease of comparison.

3.1.2.1 Borings PS-1, PS-2, PF-5, PF-6, and P-9. These borings cover most of the project construction area, except for an apparent old N-S channel through the western part (See Section 3.1.2.2), and the far east end of the project construction area (See Section 3.1.2.3). The average conditions at these five borings can be summarized as shown in Table 3.1-1, below.

TABLE 3.1-1
SOILS DATA: MAJORITY OF SITE

Depth* (feet)	Soil Type	LL (%)	PI (%)	W (%)	DD (%)	Su (ksf)	N (b/f)	Content (%) of Sand/Silt/Clay
0-4	Water	-	-	-	-	0	0	0/0/0
4-11	OH	125	93	124	38	0.08	NT	NT
11-22	CH	81	57	71	57	0.11	NT	NT
22-26	ML, SM	33	14	36	79	0.57	NT	NT
26-42	CH	93	63	61	63	0.23	NT	NT
42-47	SM	NT	NT	NT	NT	0.23	NT	NT
47-78	CH	NT	NT	54	64	0.33	NT	NT
78-81+	SM	NT	NT	NT	NT	NT	60	NT

* Below waterline
LL: Liquid Limit
PI: Plas. Index
W: Water Content
DD: Dry Density
Su: Undrained Shear Strength
N: Standard Penetration Resistance
NT: Not Tested

3.1.2.2 Borings P-7 and P-8. These two borings apparently fall in an old N-S channel which passes through the site some 3500-4000 feet east of Bayou Fontanelle. The average soil conditions at these 23 feet deep borings are given in Table 3.1-2, below:

TABLE 3.1-2
SOILS DATA: BORINGS P-7 AND P-8

Depth* (feet)	Soil Type	LL (%)	PI (%)	W (%)	DD (%)	Su (ksf)	N (b/f)	Content (%) of Sand/Silt/Clay
0-3	Water	-	-	-	-	0	0	0/0/0
3-6	OH, PT	134	101	180	29	0.06	NT	NT
6-9	CH	98	70	76	49	0.09	NT	NT
9-21	MS, SM	NT	NT	29	90	0.68	NT	14/72/14
21-23	CL	NT	NT	39	77	0.21	NY	NT

Notes: Same as Table 3.1-1

The soils below the 23 foot level are probably similar to those in the nearby deeper borings, PS-1 and P-9. For a general description of the likely deeper soils, see Section 3.1.1.1.

3.1.2.3 Borings PS-3 and PF-4. These two borings are located on the far east and the project construction area, adjacent to Scofield Bayou. The average conditions at these two relatively deep borings are given in Table 3.1-3, below:

TABLE 3.1-3
SOILS DATA: BORINGS PS-3 AND PF-4

Depth* (feet)	Soil Type	LL (%)	PI (%)	W (%)	DD (%)	Su (ksf)	N (b/f)	Content (%) of Sand/Silt/Clay
0-12	Water	-	-	-	-	0	0	0/0/0
12-28	OH	139	103	115	38	0.16	NT	NT
28-30	CH	71	47	61	NT	NT	NT	NT
30-46	ML, SC	NT	NT	28	92	1.96	6	NT
46-53	CL	49	28	39	77	0.19	NT	NT
53-61+	CH	NT	NT	NT	NT	NT	4	NT

Notes: Same as Table 3.1-1

3.1.3 Soil Conditions - Borrow Area (Borings E-1 and E-2). Originally four borings were planned, two each in two different potential borrow areas. Borings S-1 and S-2 were to have been located some 2 miles south of Bayou Conquette, but were deleted. Borings E-1 and E-2 were drilled. These borings were located approximately 1 1/2 miles offshore (south) and 0.5 miles west of the project construction area; see Figure P-1. A soil profile is given as Figure P-4. The average soil conditions at these two borings can be summarized as shown in Table 3.1-4, below:

TABLE 3.1-4
SOILS DATA: BORROW PIT BORINGS

Depth* (feet)	Soil Type	LL (%)	PI (%)	W (%)	DD (%)	Su (ksf)	N (b/f)	Content (%) of Sand/Silt/Clay
0-30	Water	-	-	-	-	0	0	0/0/0
30-32	CH	68	43	57	NT	0.10	NT	NT
32-35	ML, SM	27	6	34	NT	NT	21	35/56/9
35-48	CL	38	18	44	NT	0.15	8	NT
48-53+	CH	72	50	54	NT	0.16	NT	NT

Notes: Same as Table 3.1-1

3.1.4 Limitations. The descriptions given above are (1) averages and (2) based on boreholes spaced 1000 to 3500 feet apart. The soils can be expected to vary between borehole locations. For details at a particular location consult the individual logs of the borings in Appendix A.

3.2 ENGINEERING ANALYSES

This section presents the methodologies used in the analyses, their results, and recommendations for geotechnical construction.

3.2.1 Assignments. The engineering assignments given to STE for the Pelican Headland area were outlined in STE's proposal to C-K dated July 2, 2003. They can be summarized as follows:

3.2.1.1 New Earthen Containment Levees. The most significant items for design are stability and settlement. These include maximum allowable construction elevation, crown width, and side slopes (stability) plus settlements (1) during a 1-year construction period and (2) time to settle to average marsh elevation. The settlements are to be computed for five different fill (levee) heights.

3.2.1.2 Dredge Borrow and Fill. These are primarily settlement-related items such as fill settlements (maximum fill: 0.5 feet below as-built levee tops) over 20 years, and fill-related items such as suitability of the borrow area soils, dewatering times, and cut/fill ratios.

These various items are covered in the following sections.

3.2.2 Levee Stability Analysis. This section presents the methodology used in the slope stability analyses for the Pelican Headland area levees, the cases analyzed, and the results.

3.2.2.1 Slope Stability Analysis - General. A slope has two types of forces acting on it. The soil weight and any seepage forces try to make the soil slide; these are called the "driving forces." The weight of soil below the waterline is its "effective" or, buoyant weight. Therefore, a foot of soil above water has 2 to 3 times the driving force of a foot of soil below water. The strength of the soil tries to keep it from sliding; this is called the "resisting force." Both depend on the geometry of the situation: the "Failure surface." The procedure is to isolate a block of soil (mentally), and compute the resisting and driving forces. Their ratio is called the "safety factor," and is the measure of stability. In practice, one analyses many soil blocks until the block yielding the lowest safety factor is found. This is assumed to govern, and the safety factor for the slope is the lowest safety factor determined. The calculations for any but the simplest conditions are quite laborious. They are therefore now performed on a digital computer, using a proven code such as PCSTABL, XSTABL, UTEXAS3, etc. For this project, the slope stability analyses were performed using XSTABL marketed by Interactive Software Designs, Inc. This program evolved from PCSTABL by Purdue University. The program is capable of searching for the minimum safety factor with an easy to use interface. The Bishop method of analysis was used for this project. The accepted measure of a slope's stability is its "safety factor," as defined above. Typical acceptable safety factors common in practice are:

Low Water Condition:	1.3 - 1.5
Rapid Drawdown Condition:	1.0 - 1.1

The rapid drawdown case is not applicable for this project due to the nature of the tidal conditions at the proposed structures.

3.2.2.2 Cases Analysed. Since the soil strengths are the dominant factor in slope stability, the levee area was divided into four sections having similar soil conditions (See Section 3.1). As mentioned in Section 1.1.1, the gulfside (south) levee may be built either atop the existing beach "ridge" or slightly offshore of it; the decision has not yet been finalized. Also, neither soil data nor detailed elevations are available on the beach "ridge." Therefore, certain assumptions had to be made for levees so located. The cases analysed are summarized below:

- West Levee: Borings PS-1 and PF-6
- North Levee: Borings P-7, P-8, P-10, and PS-3
- East Levee: Borings PS-3 and PS-4
- South Levee: Borings PF-6, P-5, PS-2, PF-5, and PF-4
  - Levee on Beach Ridge (with assumptions)
  - Levee offshore of beach

In each area, analyses were made for the following levee geometries:

- Initial Freeboard: 1.0, 1.5, 2.0, and 3.0 feet at least
- Water Depth: Per borings (0 to 10 feet)

- Side Slopes: 1(V):4(H), 1(V):6(H) and 1(V):8(H)
- Crown Widths: 5, 10, and 20 feet.

The soils in the borrow area are predominately cohesive materials (See Section 3.1.3 and the logs of borings E-1 and E-2). The levee fill material was therefore assumed to be a dredged clay. Calculations were also made for silt/sand fill; the lower safety factor was assumed to govern.

The Beach Ridge was assumed to be at about sea level, and, for conservatism, to extend no deeper than 5 feet below sea level (-5 feet NAVD).

3.2.2.3 Results. The results of the stability analyses for the Pelican Headland area are presented on Figures P-5 and P-5A (West), P-6 and P-6A (North), P-7 and P-7A (East), P-8 (South-on Ridge), and P-9 and P-9A (South-offshore) for the flatter slopes [1(V):6(H) and 1(V):8(H)]. In general, the crown widths of the levees had only a nominal effect on stability. The results can be summarized as in the table below:

TABLE 3.2-1
LEVEE SAFETY FACTORS

Levee Area	Initial Freeboard (ft.)	Safety Factor for Side Slope			
		1(V):4(H)	1(V):6(H)	1(V):8(H)	Remarks
West	1.0	1.8	>1.8	>1.8	4' Water
	1.5	1.5	>1.8	>1.8	4' Water
	2.0	0.9	1.0	1.1	4' Water
	2.0	1.7	>1.7	>1.7	2' Water
	3.0	<0.9	1.0	1.1	2' Water
	3.0	1.3	1.3	>1.3	2' Water
North	1.0	0.8	0.9	1.0	8' Water
	1.0	0.9	1.0	1.2	6' Water
	1.0	1.1	1.2	1.4	4' Water
	1.0	1.7	1.8	1.9	2' Water
	1.5	0.8	0.9	1.0	8' Water
	1.5	0.9	1.0	1.1	6' Water
	1.5	1.0	1.1	1.3	4' Water
	1.5	1.5	1.6	1.6	2' Water
	2.0	0.8	0.9	1.0	6' Water
	2.0	1.0	1.1	1.2	4' Water
	2.0	1.3	1.4	1.5	2' Water
	3.0	0.8	1.0	1.1	4' Water
	3.0	1.1	1.2	1.3	2' Water

East	1.0	1.6	>1.6	>1.6	10' Water
	1.0	2.9	>2.9	>2.9	2' Water
	1.5	1.9	>1.9	>1.9	2' Water
	2.0	1.4	>1.4	>1.4	10' Water
	2.0	1.5	>1.5	>1.5	2' Water
	3.0	**1.2**	1.3	1.5	10' Water
	3.0	1.4	>1.4	>1.4	3' Water
	4.0	**1.1**	**1.2**	1.3	10' Water
	4.0	**1.2**	1.4	1.5	6' Water
	4.0	1.3	1.5	1.7	2' Water
South (Ridge)	1.0[a]	1.8	2.3	2.8	0' Water
	1.5[a]	1.7	2.2	2.7	0' Water
	2.0[a]	1.7	2.1	2.4	0' Water
	3.0	1.7	1.8	1.8	0' Water
	4.0	1.4	1.4	1.5	0' Water
South (Water)	1.0	**1.1**	**1.1**	**1.2**	4' Water
	1.0	1.7	1.7	1.8	2' Water
	1.0	>2.0	>2.0	>2.0	0' Water
	1.5	**1.0**	**1.0**	**1.1**	4' Water
	1.5	1.4	1.5	1.6	2' Water
	1.5	>2.0	>2.0	>2.0	0' Water
	2.0	**0.9**	**1.0**	**1.0**	4' Water
	2.0	1.3	1.4	1.4	2' Water
	2.0	>2.0	>2.0	>2.0	0' Water
	3.0	**0.8**	**0.8**	**0.9**	4' Water
	3.0	**1.1**	**1.2**	1.3	2' Water
	3.0	1.7	1.7	1.8	0' Water

Bold: SF less than desired 1.3

3.2.2.4 Summary of Stability Results. The soils in the Pelican Headland area are weaker than those in the Chaland Headland area. The Pelican area conditions are more typical of the region. These weak soils have an adverse effect on stability. Acceptable safety factors were achieved without reinforcement only for:

- Levees on the Beach Ridge, up to about 4 feet high above the ridge level, using 1(V):4(H) side slopes.
- Levees with up to 3 feet of freeboard, provided that the water depth did not exceed 2 to 3 feet. See Table 3.2-1 for details.

3.2.2.5 Strengthening. It is clear that designs with freeboards exceeding about 3 feet and those in deeper water (over 2 feet) will usually have safety factors less than desired. Geotextile reinforcement is indicated for such conditions. The geotextile should have an

allowable tensile strength of at least 1,000 pounds per lineal foot (measured perpendicular to the levee centerline). It should extend under the full width of the levee.

3.2.2.6 Levee Borrow. It is often desirable to obtain the borrow material for the levees from near the levee. Excavating this material from too close to the levee toe can affect the stability of the levee adversely. It is therefore recommended that the edge of the borrow pit not be closer to the levee toe than about 20 feet plus the depth of the borrow excavation.

The soils encountered in the borrow pit borings (E-1 and E-2) were discussed in Section 3.2.1, and were presented graphically on Figure P-4. These are primarily fine-grained cohesive soils; only 13% of the materials encountered were relatively granular. The CL and CH soils found in these borings are not as suitable for fill purposes as the more granular soils found in the Chaland Headland borrow area (See Section 2.2.4). However, they are better than the PT and OH soils found on other projects.

3.2.3 Levee Settlement Analyses. The assignments relative to levee settlements in the Pelican Headland area were given in Section 3.2.1. They require calculating both the total amounts of settlement which will occur after a very long time, and the time-rates at which these movements will occur. Levee settlement is composed of three parts:

- Settlement in the foundation soils due to the weight of the levee,
- Settlement within the levee itself due to self-weight consolidation (minor), and
- Geological Subsidence. This rate was furnished by LDNR as about 0.025 feet per year.

3.2.3.1 Analyses - Total Amount of Settlement due to Levee Weight. The total amount of settlement depends on the geometry and intensity of the applied load (levee fill) and on the compressibilities of the underlying soil strata. As settlement progresses, the net intensity of the applied load decreases. This is especially true for levees built in water. The maximum possible settlement is that calculated without taking this phenomenon into account, and forms the basis for calculations which do use load intensity decrease. Note that this decrease occurs if the levees are not periodically rebuilt to their initial elevations.

The actual settlement calculations were performed using the computer code VSTRESS, originally developed by the Corps of Engineers, and SETOFF as developed by Ensoft, Inc. These programs calculate one-dimensional settlement based on either Boussinesq or Westergaard stress distributions. The Boussinesq stress distribution was used for these analyses. For the soil types that had consolidation tests, actual consolidation curves were used in the calculations. Published correlations were used for other soil types to obtain consolidation indices using Atterberg Limits and moisture content values.

3.2.3.2 Cases Analysed. Since the clayey soils (PT, OH, CH, CL), and especially the organic types (PT, OH), are highly compressible (See Table A-1 in Appendix A), they contribute far more to settlement than do the less compressible granular soils (ML, SC, SM). Therefore, calculations were made for the generalized conditions corresponding to:

- PS-2, PS-3, and PF-4 (Large amounts of organic soil)
- PS-1, PF-5, P-9, and P-10 (Large amounts of clays)
- P-7 and P-8 (Large amounts of near-surface granular soils)

The soil conditions below the 23 foot bottoms of Borings P-7 and P-8 were assumed to be similar to those of the nearby, deeper PS-1. In all cases, the soils below about the 45 foot depth were assumed to be similar to those of the deepest boring on-site, P-9. Calculations were made for crown widths of 5 to 20 feet, and using the average levee slope [1(V):6(H)]. On the West, North, and East levees, levee heights above water were taken as 1, 2, 3, and 4 feet, with water depths of 0, 2, 4, 6, 8, and 10 feet. The South levee had 2 general cases (on the "ridge" and offshore) as discussed in Section 3.2.2. For the ridge, the levee heights were taken as 1, 2, and 3 feet above ground level.

3.2.3.3 Effect of Settlement on Further Settlement. Most of these levees will or may be constructed in water. The levees are originally built to some level above water, and produce a stress level which includes the *total* weight of levee material above water. As settlement proceeds, some of the material which was originally above water becomes submerged. That material now exerts pressure due to its *buoyant* weight, which is less than its total weight. The net result is that the pressure decreases and the real settlement is less than would be predicted using the total weight. There are two other factors which must be considered:

- If the levee heights are rebuilt, settlement will tend to reach the "total weight" movements.

- At most locations, the levee will be underlain by a substantial amount of granular soils, which consolidate rapidly. The movements due to these soils will probably occur during construction, so that the "total weight" movements in these granular materials (only) will be realized during construction.

3.2.3.4 Total Settlements due to Levee Weight. The starting point is the "raw" settlement computed using the total unit weight for above-water fill. For the observable post-construction settlements, these must be reduced by the movements occurring in the granular layers during construction, termed "adjusted" settlement. Then, the effect of the remaining long-term settlement on the applied pressure must be considered (See Section 3.2.3.3). This is termed the "net" settlement.

The results of these analyses are presented below. Table 3.2-2 provides the settlement data for the levees built over marsh or water, and Table 3.2.3 gives the settlements for the South levee if it is constructed on the beach ridge.

TABLE 3.2-2
LONG-TERM SETTLEMENTS: LEVEES NOT ON BEACH RIDGE

Geometry Situation		Centerline Settlement (feet)									
		PS-2, PS-3, PF-4			PS-1, PF-5, P-9, P-10			P-7 and P-8			Avg. Net
Water (ft.)	Height[a] (ft.)	Raw	Adj.	Net	Raw	Adj.	Net	Raw	Adj.	Net	
0	1	0.84	0.72	0.55	0.81	0.68	0.50	0.72	0.61	0.50	0.52
	2	1.46	1.24	0.94	1.42	1.19	0.90	1.21	1.05	0.81	0.88
	3	2.06	1.74	1.33	2.00	1.73	1.31	1.68	1.44	1.13	1.26
	4	2.66	2.24	1.70	2.58	2.23	1.66	2.13	1.81	1.46	1.61
2	1	1.37	1.16	1.10	1.29	1.07	0.82	1.07	0.91	0.77	0.90
	2	1.90	1.70	1.40	1.82	1.58	1.19	1.50	1.27	1.05	1.21
	3	2.49	2.04	1.67	2.39	1.99	1.57	1.89	1.56	1.30	1.51
	4	3.08	2.38	1.96	2.96	2.41	1.91	2.25	1.83	1.56	1.81
4	1	1.78	1.53	1.21	1.70	1.49	1.23	1.28	1.04	0.87	1.10
	2	2.26	1.86	1.52	2.17	1.93	1.54	1.63	1.37	1.11	1.39
	3	2.82	2.27	1.86	2.73	2.33	1.85	1.99	1.65	1.38	1.70
	4	3.38	2.68	2.12	3.29	2.64	2.15	2.31	1.89	1.63	1.97
6	1	2.04	1.74	1.45	1.93	1.63	1.39	1.49	1.21	1.11	1.32
	2	2.52	2.12	1.72	2.42	1.91	1.62	1.83	1.56	1.30	1.55
	3	2.96	2.36	1.98	2.87	2.17	1.96	2.05	1.70	1.52	1.82
	4	3.40	2.60	2.25	3.32	2.67	2.11	2.39	1.97	1.70	2.02
8	1	2.25	1.85	1.53	2.12	1.70	1.40	1.72	1.49	1.30	1.41
	2	2.61	2.15	1.81	2.50	2.05	1.66	2.10	1.76	1.52	1.66
	3	3.10	2.50	2.08	2.96	2.36	1.94	2.37	2.00	1.73	1.92
	4	3.47	2.70	2.35	3.42	2.75	2.23	2.61	2.24	1.95	2.18
10	1	2.48	2.08	1.83	2.15	1.77	1.44	1.90	1.62	1.45	1.73
	2	2.84	2.39	2.01	2.53	2.11	1.72	2.18	1.82	1.61	1.78

	3	3.19	2.64	2.27	3.02	2.47	2.02	2.42	2.02	1.80	2.03
	4	3.54	2.89	2.53	3.51	2.82	2.31	2.65	2.32	1.98	2.27

[A] As-Built height above water level

TABLE 3.2-3
LONG-TERM SETTLEMENTS: SOUTH LEVEE ON BEACH RIDGE

Geometry Situation		Centerline Settlement (feet)									
		PS-2, PS-3. PF-4			PS-1, PF-5, P-9, P-10			P-7 and P-8			Avg. Net
Water (ft.)	Height[b] (ft.)	Raw	Adj.	Net	Raw	Adj.	Net	Raw	Adj.	Net	
0	1	0.67	0.48	0.37	0.57	0.46	0.33	0.48	0.41	0.34	0.35
	2	1.09	0.93	0.71	1.06	0.90	0.67	0.90	0.78	0.61	0.66
	3	1.65	1.39	1.06	1.58	1.36	1.04	1.34	1.15	0.90	1.00
	4	2.20	1.83	1.39	2.14	1.86	1.36	1.75	1.47	1.21	1.32

[b]: Above ground surface (+2 feet NGVD)

In the above Tables 3.2-2 and 3.2-3, the "Net" settlements should be used to evaluate long-term performance unless the levees are raised by additional fill at some time in the future. In the latter case, the "Adjusted" settlements would be more appropriate.

3.2.3.5 Geological Subsidence. The only other significant source of settlement will be that due to geological subsidence. This rate was furnished by LDNR as about 0.025 feet per year. This is of little consequence for the first few years, but becomes significant over long periods. For example, the movement due to geological subsidence is estimated as 0.1 feet in the first 4 years, but increases to 0.5 feet at the end of the estimated project life at 20 years after construction.

3.2.3.6 Analyses - Time Rate of Settlement due to Levee Weight. The time-rate of settlement as observed at the ground surface depends on several factors, as discussed below:

- Soil Rate Parameter (c_v). This is intrinsic to each soil type, but varies with the total vertical pressure in the soil layer. In general, settlement within the granular soils (ML, SC, SM) will occur virtually during construction.

- Drainage Path Length (L). Consolidation is a process of squeezing water out of the soil voids. The water has to go somewhere, and that is to either the surface or a relatively permeable layer (such as a silt layer in a clay mass).

- Vertical Distribution of the Total Settlement. The time rate applies to each layer; the contribution of each layer is its own ultimate settlement multiplied by its degree of consolidation at a particular time.

Like other problems in time-dependent flow in soils, the analysis for the time-rate of consolidation is inherently inaccurate. Normally, settlement occurs faster than the prediction.

Calculations were made for the soil conditions at the locations cited in Section 3.3.3.2. The results were normalized by dividing the "Net" settlements at various times by the ultimate (long-term) "Net" settlement. This approach accounts directly for the settlements which occur during construction. Settlement rates were analyzed for the tallest and the lowest levee heights and averaged. The percentages of settlement given in Table 3.2-4 should be applied to the "Net" total settlements given in Tables 3.2-2 and 3.2-3.

TABLE 3.2-4
NET RATES OF WEIGHT-INDUCED SETTLEMENT

Time (years)[d]	Percentage of Weight-Induced Settlement Complete			
	PS-2, PS-3, PS-4	PS-1, PF-5, P-9, P-10	P-7 and P-8	Avg.
0.0	0	0	0	0
0.5	37	52	43	44
1.0	61	66	57	61
2.0	80	79	70	76
5.0	93	89	84	88
10.0	96	95	90	93
20.0	98	98	96	97

[d]: After construction is complete

3.2.3.7 Time to Reach Marsh Elevation. The average desired marsh elevation is assumed to be approximately +1.0 feet NAVD, equal to about one foot above water level at the site. It is assumed that the initial levee top elevation will be up to 4 feet above the site water level, or +4 feet NAVD. The "Net" settlement data from Sections 3.2.3.4 (no rebuilding) and the time-rate information in Sections 3.2.3.5 and 3.2.3.5 was analyzed. The analysis showed that, even with geologic subsidence, levees with initial top elevations of +2 feet NAVD or more will never settle below +1 feet NAVD unless the water depth exceeds 6 feet. If the water depth exceeds 6 feet, the times range from 10 to 20 years.

3.2.4 Suitability of Borrow Area Soil. The soils encountered in the Borrow Area for the Pelican Headland were presented in Section 3.1.3. Only about 13% of the soils encountered were the more

preferable granular types (SM, ML). The remainder were cohesive (CH, CL), but not highly organic. They are suitable for levee and area fill construction. In the main construction area, however, there is not only a lack of granular soil, but a substantial layer of organic soils (OH, PT) which averages some 7 to 8 feet thick and is located just below the mudline. If at all possible, these organic soils should not be used for levee construction. They are suitable for area fill.

3.2.5 Dewatering Time for Area Fill. When soil particles are in suspensions with low concentration of solids, particles settle as individual entities, and there is no significant interaction with neighboring particles (Type I settling). With increasing solids concentration, the particles coalesce or flocculate. By coalescing, the particles increase in mass and settle at a faster rate (Type II settling). With further increase in concentration, the interparticle forces are sufficient to hinder the neighboring particles (Type III settling). Finally, the soil particles settle to form a structure (Type IV settling). The dredging operation typically creates a soil suspension with 5 to 10 percent solids. At this concentration range, the clayey portion of the soils settles at a rate close to Type III. Types I and II settling are applicable for the more granular fills on this project. These two types are typically used for sediment transport modeling. Type IV settling is typically simulated with the diffusion equation using either Terzaghi or Gibson consolidation theory and is discussed in Section 2.2.6.

The dewatering time varies with type of soils and salinity of the water and is often determined using a column test. In this case, however, the bulk of the borrow material will be relatively granular soil. Settling velocities for such materials are commonly calculated using Stokes' Law (see, e.g., ASTM D422). Velocities for various particle size groups were calculated following D422 and are given in Table 3.2-5, together with an estimate of the percentage of the E-1 plus E-2 borrow material falling into each size group.

TABLE 3.2-5
PARTICLE SETTLING VELOCITIES

Partiate Group	Size Range (mm)	Settling Velocity (ft./day)	Portion of Borrow (%)
Medium Sand	0.2-0.4	>1000	0
Fine Sand	0.07-0.2	>1000	26
Coarse Silt	0.02-0.07	330	22
Fine Silt	0.005-0.02	24	28
Clay	<0.005	1-6	24

The time-sedimentation rate was computed from a column test performed for the Barataria Landbridge Project (BA-36) and the above data. Some 90% of the pumped fill should decant its water (i.e., sediment out) in a period of 1 to 2 months or less.

3.2.6 Settlements Induced by Area Fill. The area fill within the Pelican Headland deposition areas will induce two types of settlements:

- Settlements within the deposition areas
- Additional settlements at the perimeter levees.

In addition, the surface of the Area Fill will exhibit settlement from two other sources: consolidation within the fill itself and geologic subsidence.

The settlements induced by weight of the Area Fill are described below.

3.2.6.1 Method of Analyses. The calculations were made in the manner outlined in Section 3.2.3.1. The settlement data contained in the tables in Section 3.2.3.4 indicate that the variations in settlement among the boring locations are typically within the ± 25% accuracy commonly achieved in settlement analyses. Therefore, the computations were performed for the soil conditions at the same boring groups to bound the additional levee settlements.

3.2.6.2 Settlements within Deposition Areas. The major consideration here is the loading which will occur as the soil grains settle out of suspension in the introduced water. It has been assumed that sediment-laden water will be added periodically until the sediment surface is approximately 0.5 feet below the design long-term levee crests. Various sediment heights were also checked for completeness. The applied loading will be the resulting sediment thickness multiplied by the unit weight of the sediment. The latter was taken from earlier Column Tests and the densities observed for the shallow sediments in the boreholes; the design value was 70 lb.cu.ft. Net settlements adjusted for the effects of settlement on applied loading as described in Section 3.2.3.3 were used. The resulting settlement values are presented in Table 3.2-6 below:

TABLE 3.2-6
LONG-TERM AREA SETTLEMENTS DUE TO WEIGHT OF GENERAL FILL

Boring	Additional Area Settlement Due to General Fill (feet)			
	Elev. +1.0[f]	Elev. +1.5[f]	Elev. +2.0[f]	Elev. +3.0[f]
PS-2, etc.	0.40	0.56	0.71	1.02
PS-1, etc.	0.42	0.60	0.75	1.05
P-7 & P-8	0.40	0.53	0.66	0.94
Average	0.41	0.56	0.71	1.00

[f]: Design top of sediment (ft. NAVD); min. 0.5 feet freeboard. Marsh elevation assumed as 0.0 feet NAVD.
Settlements calculated for 30+ feet from levee

The values tabulated above are valid for relatively uniformly loaded areas at least 30 feet away from the toes of the levees. In the zones closer to the levees, the settlements can be approximated (if necessary) by interpolating between the values given above and those for additional levee settlements given in Section 3.2.6.3.

As described in Section 3.2.5, Type I and Type II settling will dominate even at the solids concentration expected from the dredging operation. However, the time to complete the two processes will be relatively short as compared to Type III settling process. The next step is dewatering (Type III), during which the unit weight of the sediments change from the buoyant to the total state. Given these complications, a time-rate analysis is only an approximation. However, it is estimated that the settlement rates will be approximately as follows. Upon completion of final filling (5 year estimate), about 30% to 40% of the tabulated within-fill settlement values will be completed (See Table 3.2-7). Another 10% to 20% will occur during the dewatering period, leaving 40 to 60% to take place after dewatering is complete. Figure P-10 presents the rate of settlement estimated including the dewatering (consolidation) within the fill itself, and also adds the effect of geologic subsidence.

3.2.6.3 Overall Settlement Rate. The overall settlement rate is the combination of the effects from the three major sources:

- Settlement due to weight of Area Fill,
- Self-Weight Consolidation within the fill, and,
- Geologic Subsidence (0.025 feet per year).

These are combined in Table 3.2-7 below:

TABLE 3.2-7
AVERAGE POST-CONSTRUCTION AREA SETTLEMENT

Initial Fill Top Elevation (ft.NAVD)	Time After Construction (years)	Post-Construction Settlement (feet) due to			Total Post-Construction Settlement (feet)
		Soils Below Fill	Within Fill	Geologic Subsidence	
+1.0	0.5	0.18	0.03	0.01	0.22
	1.0	0.25	0.06	0.02	0.33
	2.0	0.31	0.12	0.05	0.48
	5.0	0.36	0.18	0.12	0.66
	10.0	0.38	0.20	0.25	0.83
	20.0	0.39	0.20	0.50	1.09

+1.5	0.5	0.24	0.03	0.01	0.28
	1.0	0.34	0.06	0.02	0.42
	2.0	0.42	0.12	0.05	0.59
	5.0	0.49	0.18	0.12	0.79
	10.0	0.52	0.27	0.25	1.04
	20.0	0.54	0.29	0.50	1.33
+2.0	0.5	0.31	0.02	0.01	0.34
	1.0	0.43	0.04	0.02	0.49
	2.0	0.53	0.08	0.05	0.66
	5.0	0.62	0.16	0.12	0.90
	10.0	0.66	0.24	0.25	1.15
	20.0	0.68	0.36	0.50	1.54
+3.0	0.5	0.44	0.02	0.01	0.47
	1.0	0.61	0.04	0.02	0.67
	2.0	0.76	0.06	0.05	0.87
	5.0	0.88	0.12	0.12	1.12
	10.0	0.93	0.24	0.25	1.42
	20.0	0.97	0.36	0.50	1.83

The total, overall rate is presented graphically for the various initial Area Fill elevations on Figure P-10. This figure shows the anticipated fill top elevations over time, both for the case of no geologic subsidence and considering geologic subsidence.

3.2.6.4 Settlement Effects on Levees. The weight of the new sediments adjacent to the levees will cause additional settlements of these levees. These movements were calculated for the two boring groups showing the least and most compressible soil conditions along the levees in order to "bound" the movements. They indicated total, long-term centerline adjusted settlements of the levees of 0.4 to 0.6 feet. These movements will occur at approximately the rates given for the Depositional Areas in Section 3.2.6.2.

3.2.7 Cut/Fill Ratios. Two cases should be considered here. The first is the amount of cut necessary to create a given amount of levee fill. The levee fill is assumed to be placed mechanically (i.e., with draglines or similar equipment), not hydraulically. The general fill will be placed hydraulically, and will therefore have a cut/fill ratio different from that applicable to mechanically placed fill. Both cases are described below.

3.2.7.1 Levee Fill. Reference is made to the descriptions of the soil conditions along the levees given in Section 3.1.2, and to the material use recommendations in Section 3.2.4. Overall, about 10% of the cut material will be Peat (Pt), which is not recommended for levee construction. The shrinkage of the more suitable SM, ML, CL, and CH soils from pit to levee will depend primarily on transport losses and loss of water content. The former (transport)

is best obtained from experienced contractors, but is expected to be on the order of 25%. The water loss shrinkage is estimated as 10% to 15% of the pit volume. Overall, then, preliminary estimate can be based on about 1.5 to 1.8 cubic yards of suitable cut to produce 1.0 cubic yard of levee fill.

3.2.7.2 Area Fill. It is very difficult to determine the cut/fill ratios for the hydraulically placed area fill. As discussed in Section 3.2.5, sedimentation or settlement occurs in stages, thereby the volume of fill changes. A reasonable assumption of the initial fill height is when the density of the fill reaches the end of Type III settling (fast) or beginning of the Type IV settling (slow). The fill soil volume then can be related to the density and cut/fill ratio determined. The borrow area soils for the Pelican Headland area are similar to but dryer than those for which a Column Test was performed on the Barataria Landbridge Project (BA-36). Based on that test, and adjusting for the soils' water contents, the cut/fill ratio is expected to be about 1.3, i.e., 1.3 cubic yards of suitable cut should produce 1.0 cubic yard of in-place area fill. Note that the borrow soils for BA-36 project contains substantial higher organic content. The cut and fill ratio was adjusted empirically.

3.2.8 Erosion Protection. A large portion of the levees will consist of ML, SC, and SM soils, which are highly erodible. Erosion protection will be required, especially on the gulf side of the South levee. It must be flexible to withstand the anticipated settlements; rip-rap is indicated. A filter fabric is recommended against the fill to prevent washing of the fines. It should be a non-woven geotextile having a weight of at least 8 ounces per square yard (ASTM D3776) an Equivalent Opening Size around 0.05 mm as determined by ASTM D4751, and a grab strength of at least 125 lb. by ASTM D4632. The 6 to 12 inch layer of riprap adjacent to the fabric should be 6 inch maximum store. The remainder of the riprap should be sized according to the appropriate methods for the wave action anticipated.

Oct 29, 2003 – 3:52pm

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E1	[illegible]	[illegible]	[illegible]	[illegible]
E2	1594[illegible]	[illegible]	-85 25 42.7364	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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S2	[illegible]	[illegible]	[illegible]	[illegible]

Boring Locations Intersecting with Active Oyster Leases:

Boring ID	Lease ID	Exp. Date	Lease Holder	Phone Number
PF5	[illegible]	1/1/2015	Edward Kerlich	(985) 564-7859
PF7	[illegible]	1/1/2007	Mitchell B. Jurisich Sr	(985) 857-8748
PF8	2767600	1/1/2015	Frank J. Jurisich	(985) 857-8748
PF9	32296	1/1/2007	Mitchell B. Jurisich Sr.	(985) 857-8748
PF10	32295	1/1/2007	Mitchell B. Jurisich Sr.	(985) 857-8748

0.2 0 0.2 0.4 0.6 0.8 1 Mile

REFERENCE:
MAP ID: USGS–NWRC 2003–04–0306

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BARATARIA BARRIER ISLAND RESTORATION COMPLEX
(PELICAN HEADLAND)
PROJECT BA-38
PLAQUEMINES PARISH, LOUISIANA

for

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
BATON ROUGE, LOUISIANA

C-K & ASSOCIATES, INC.
ENGINEERS
BATON ROUGE, LOUISIANA

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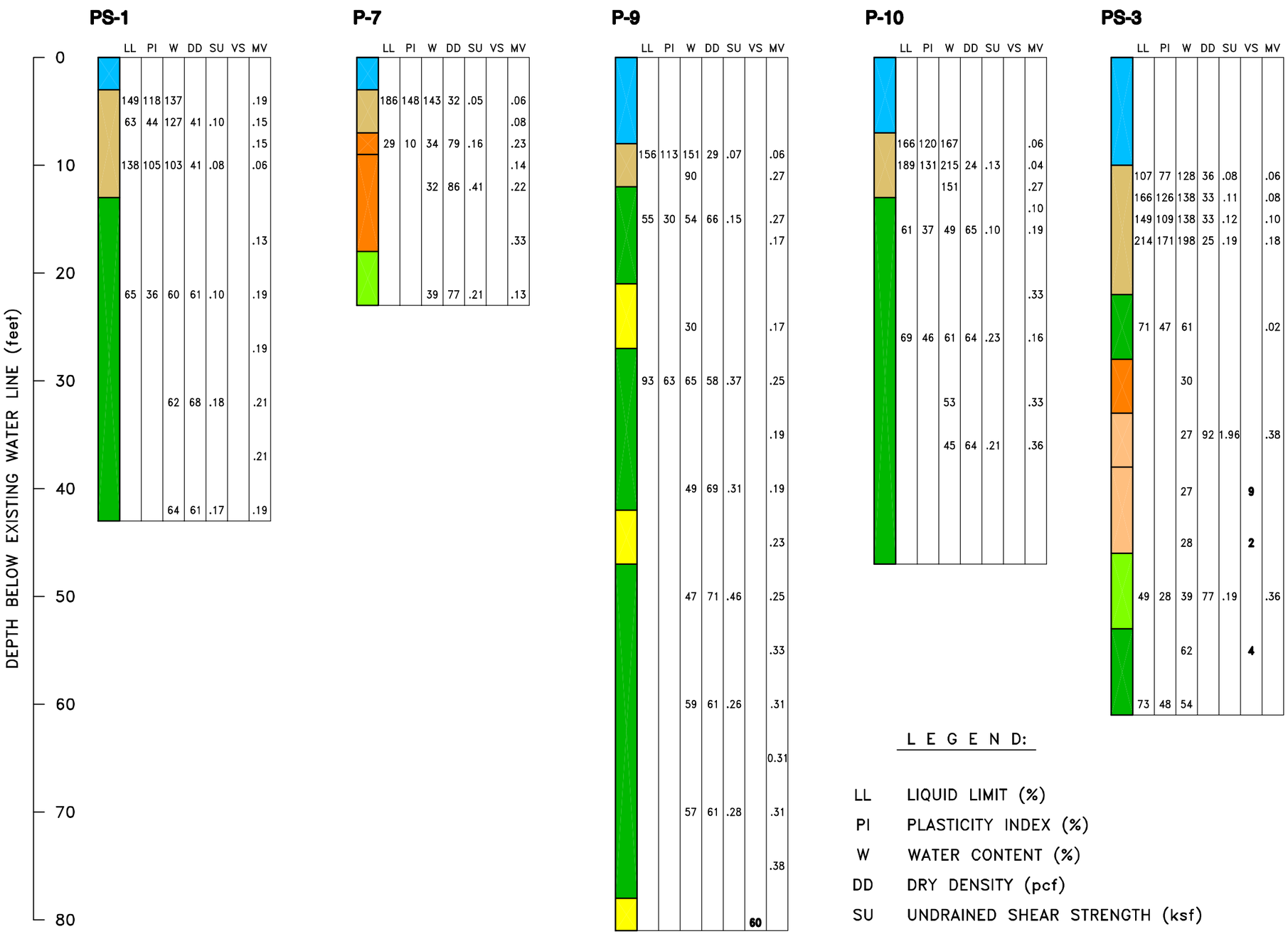
Soil Testing Engineers, Inc.
Baton Rouge, LA Lake Charles, LA Metairie, LA

Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03–1114	Date: 9–22–03	Figure No.: P-1

Title:
BORING PLAN



SYMBOL	SOIL TYPE
	WATER
	PEAT
	ORGANIC CLAY (OH)
	CLAY (CH)
	SILTY CLAY or SANDY CLAY (CL)
	CLAYEY SAND (SC)
	SANDY SILT, CLAYEY SILT (ML)
	SILTY SAND (SM)

L E G E N D:

LL LIQUID LIMIT (%)
PI PLASTICITY INDEX (%)
W WATER CONTENT (%)
DD DRY DENSITY (pcf)
SU UNDRAINED SHEAR STRENGTH (ksf)
VS FIELD VANE SHEAR (ksf)
NOTE: **BOLD** = Standard Penetration Resistance (blows/foot)
MV MINIATURE LAB VANE SHEAR (ksf)

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File No.: 03-1114	Date: 9-22-03	Figure No.: P-2

Title: **SOIL PROFILE**
PS-1, P-7, P-9, P-10 & PS-3

Oct 29, 2003 - 3:52pm
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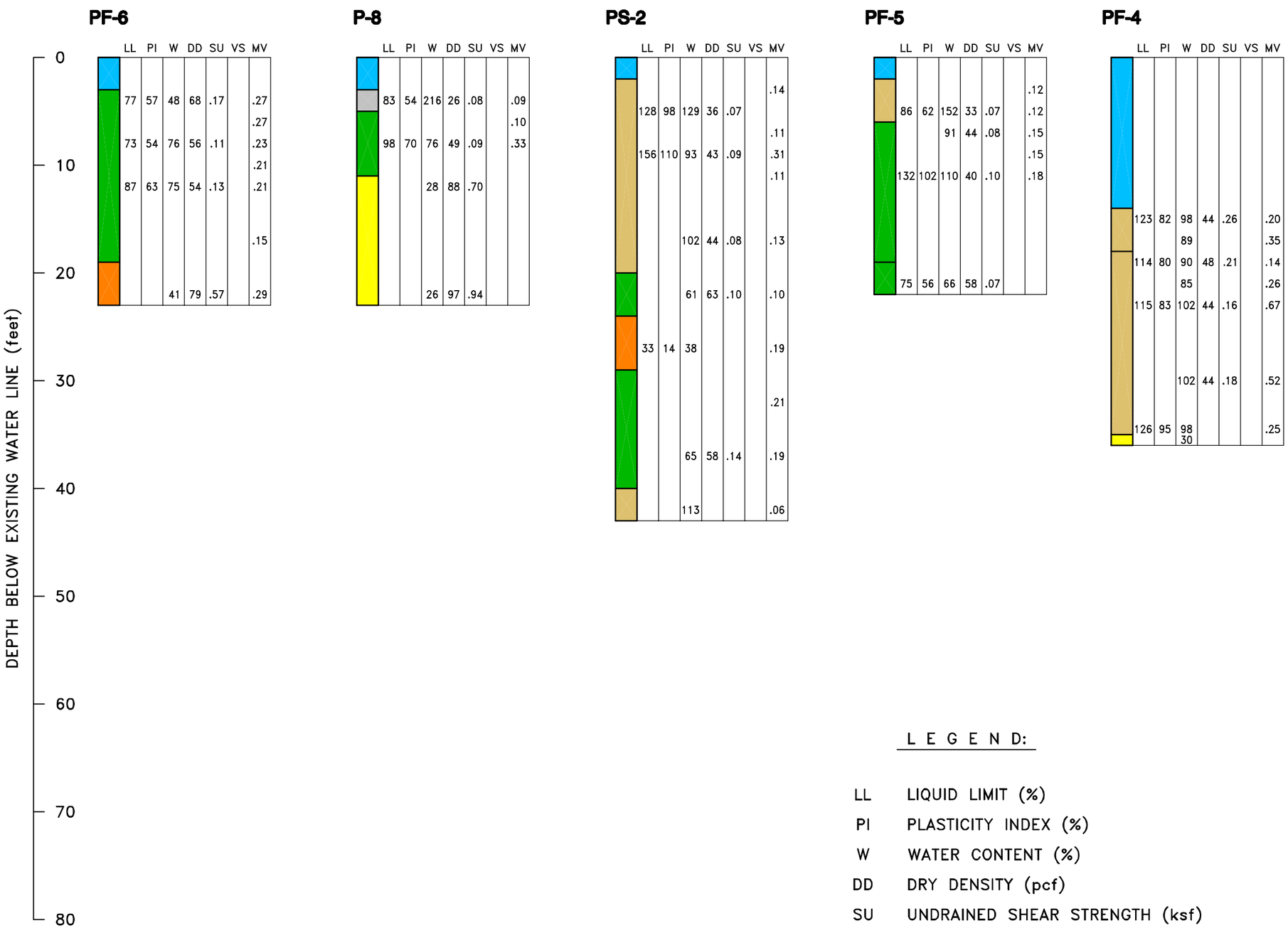

SYMBOL	SOIL TYPE
	WATER
	PEAT
	ORGANIC CLAY (OH)
	CLAY (CH)
	SILTY CLAY or SANDY CLAY (CL)
	CLAYEY SAND (SC)
	SANDY SILT, CLAYEY SILT (ML)
	SILTY SAND (SM)

L E G E N D:

LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
W	WATER CONTENT (%)
DD	DRY DENSITY (pcf)
SU	UNDRAINED SHEAR STRENGTH (ksf)
VS	FIELD VANE SHEAR (ksf)
	NOTE: **BOLD** = Standard Penetration Resistance (blows/foot)
MV	MINIATURE LAB VANE SHEAR (ksf)

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Title: **SOIL PROFILE**
PF-6, P-8, PS-2, PF-5 & PF-4

Oct 29, 2003 – 3:53pm

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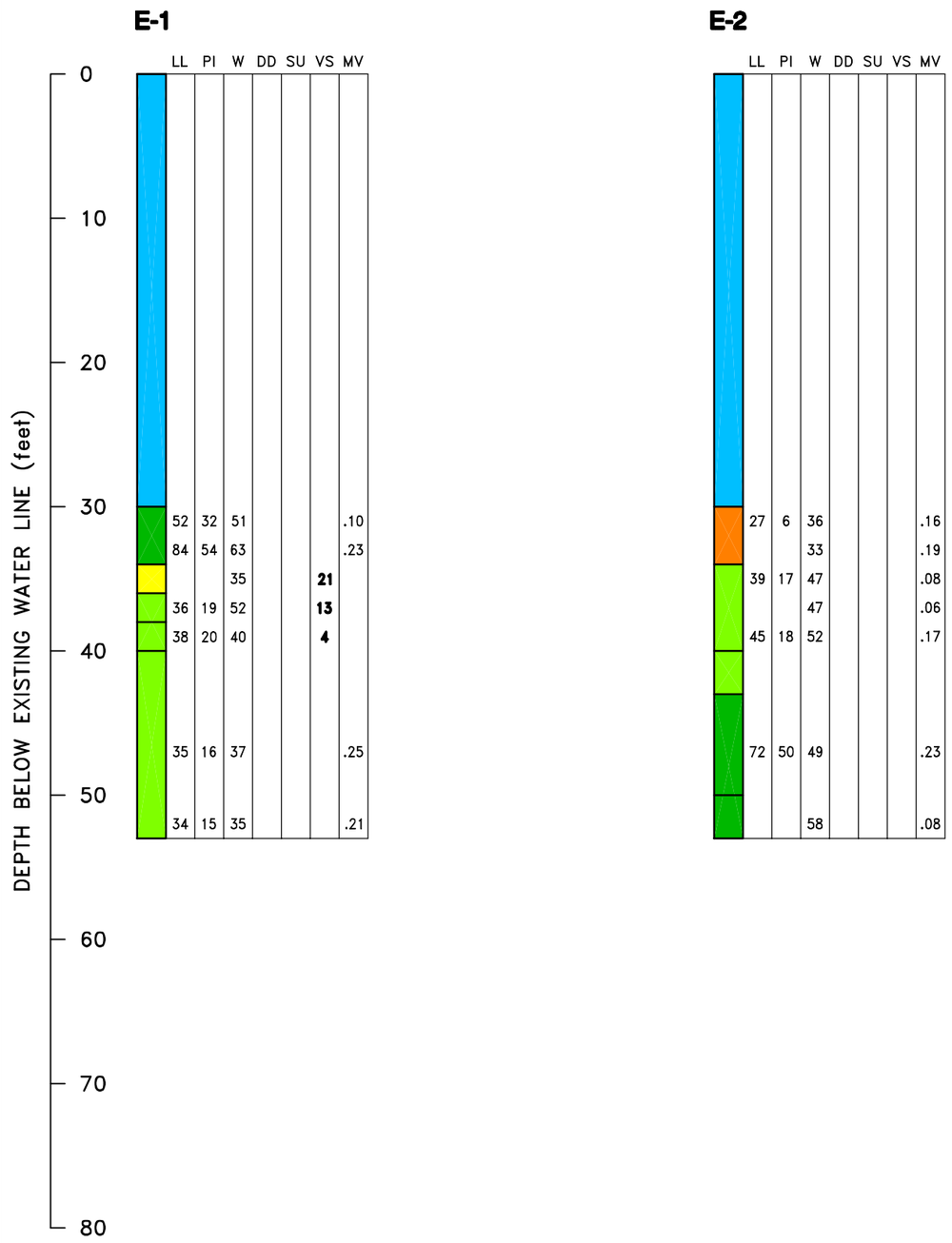

SYMBOL	SOIL TYPE
	WATER
	PEAT
	ORGANIC CLAY (OH)
	CLAY (CH)
	SILTY CLAY or SANDY CLAY (CL)
	CLAYEY SAND (SC)
	SANDY SILT, CLAYEY SILT (ML)
	SILTY SAND (SM)

L E G E N D:

LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
W	WATER CONTENT (%)
DD	DRY DENSITY (pcf)
SU	UNDRAINED SHEAR STRENGTH (ksf)
VS	FIELD VANE SHEAR (ksf)
	NOTE: **BOLD** = Standard Penetration Resistance (blows/foot)
MV	MINIATURE LAB VANE SHEAR (ksf)

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File No.: 03-1114	Date: 9-23-03	Figure No.: **P-4**

Title: **SOIL PROFILE E-1 & E-2**

Oct 29, 2003 - 3:53pm

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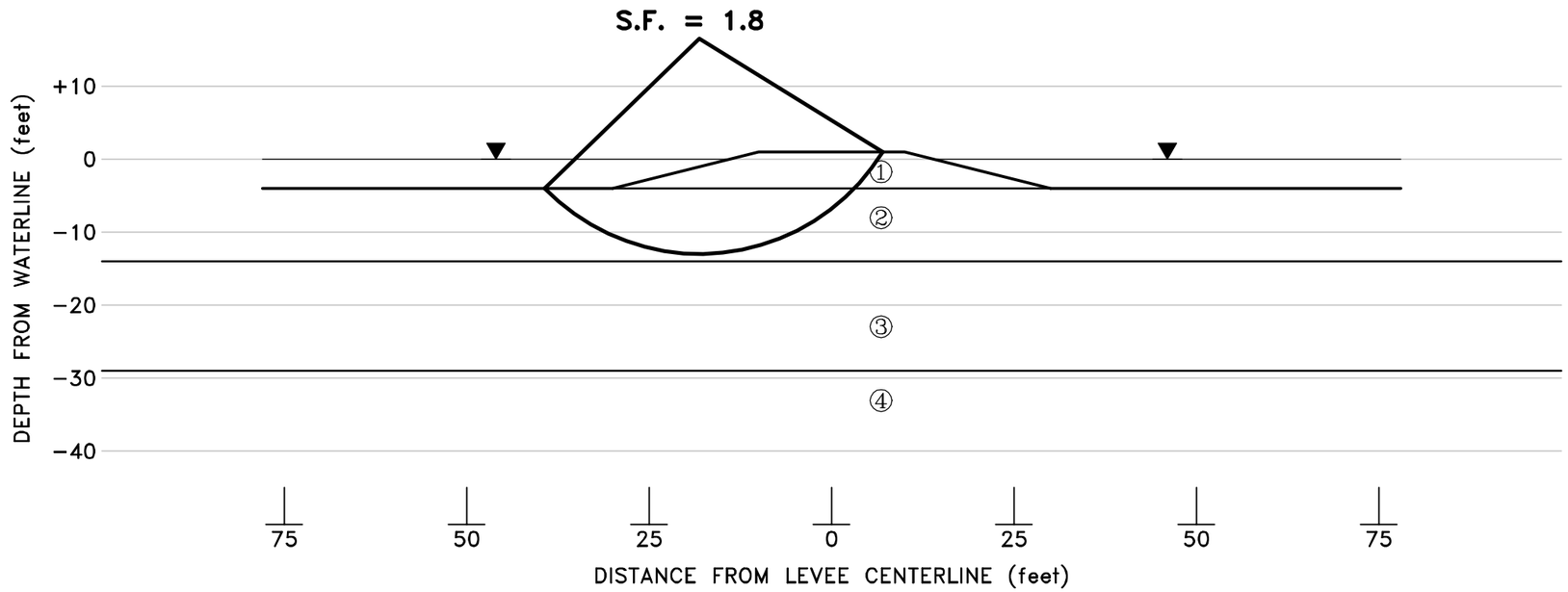
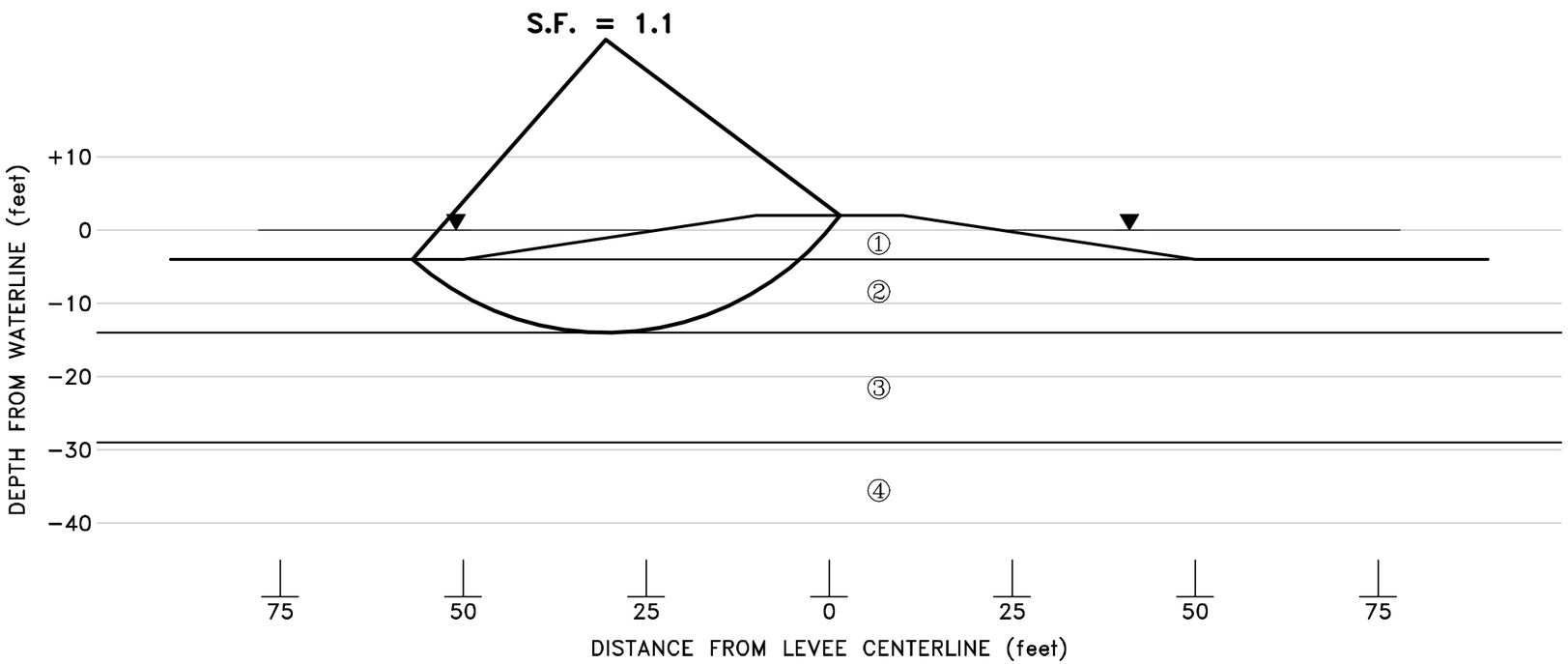


1 FOOT FREEBOARD, 4 FEET WATER, 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	80	84	0
3	90	89	0
4	170	105	0

a: Analyzed for both fill types.
Lowest SF illustrated.



2 FOOT FREEBOARD, 4 FEET WATER, 1(V):8(H) SLOPES

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G.P. Boutwell	DMS	
File No.: 03-1114	Date: 10-29-03	Figure No.: P-5

Title: **STABILITY ANALYSES WEST LEVEE**

Oct 29, 2003 - 3:54pm

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2 FOOT FREEBOARD, 2 FEET WATER, 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	80	84	0
3	90	89	0
4	170	105	0

a: Analyzed for both fill types.
Lowest SF illustrated.

3 FOOT FREEBOARD, 2 FEET WATER, 1(V):6(H) SLOPES

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File No.: 03-1114	Date: 10-29-03	Figure No.: P-5A

Title: **STABILITY ANALYSES WEST LEVEE**

Oct 29, 2003 - 3:59pm

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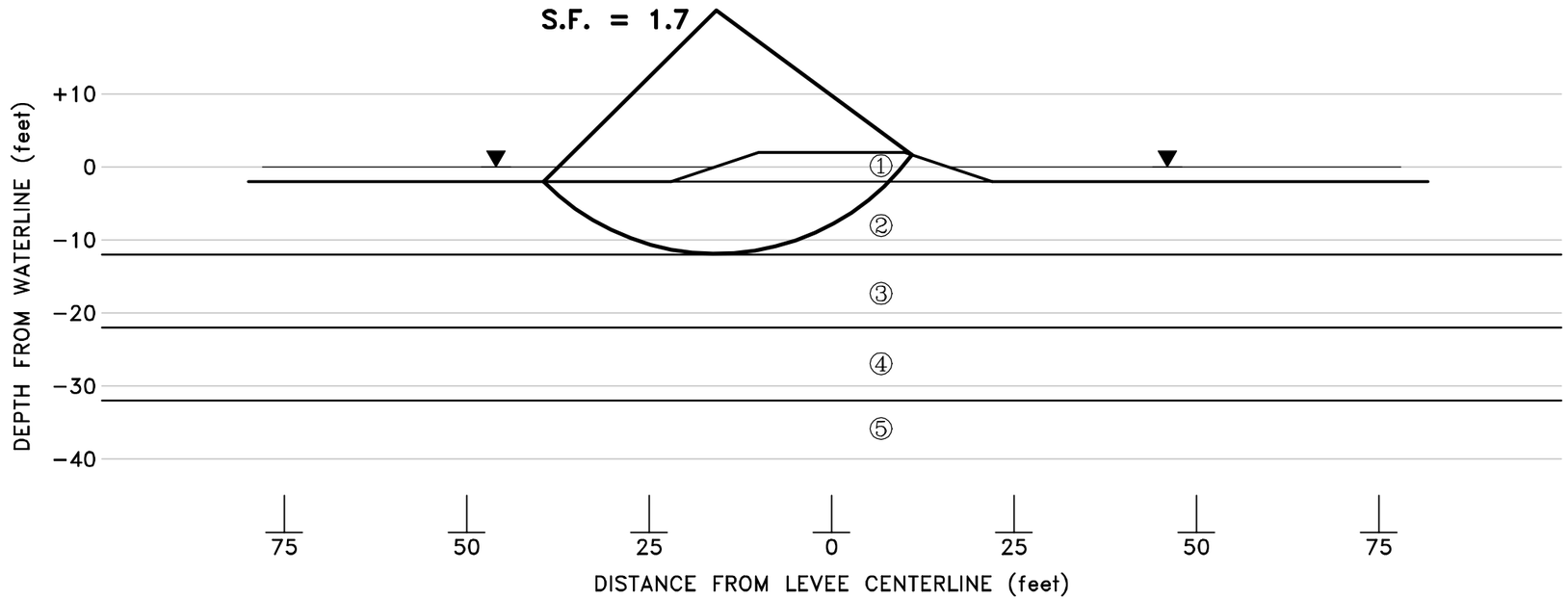
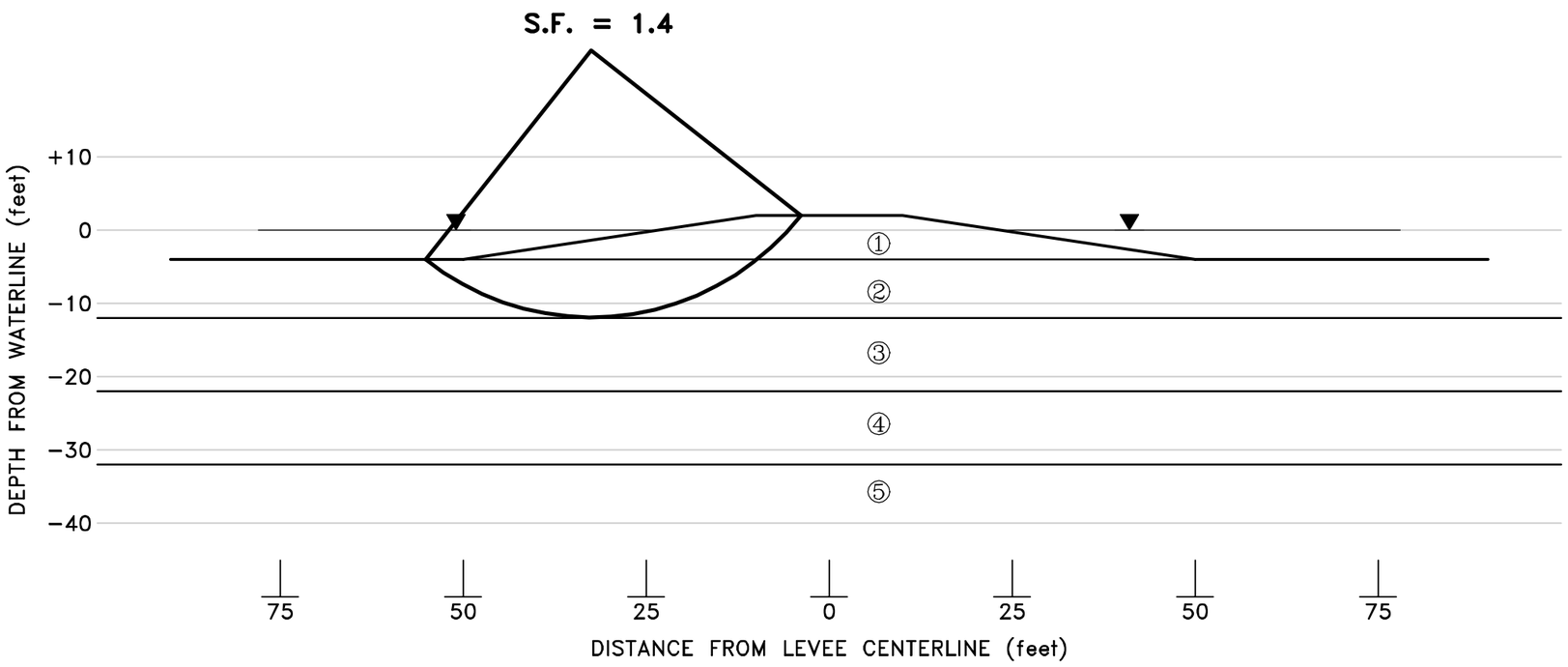


1 FOOT FREEBOARD, 2 FEET WATER, 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	85	81	0
3	120	88	0
4	200	100	0
5	240	99	0

a: Analyzed for both fill types.
Lowest SF illustrated.



1 FOOT FREEBOARD, 4 FEET WATER, 1(V):8(H) SLOPES

BARATARIA BARRIER ISLAND RESTORATION COMPLEX
(PELICAN HEADLAND)
PROJECT BA-38
PLAQUEMINES PARISH, LOUISIANA

for

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
BATON ROUGE, LOUISIANA

C-K & ASSOCIATES, INC.
ENGINEERS
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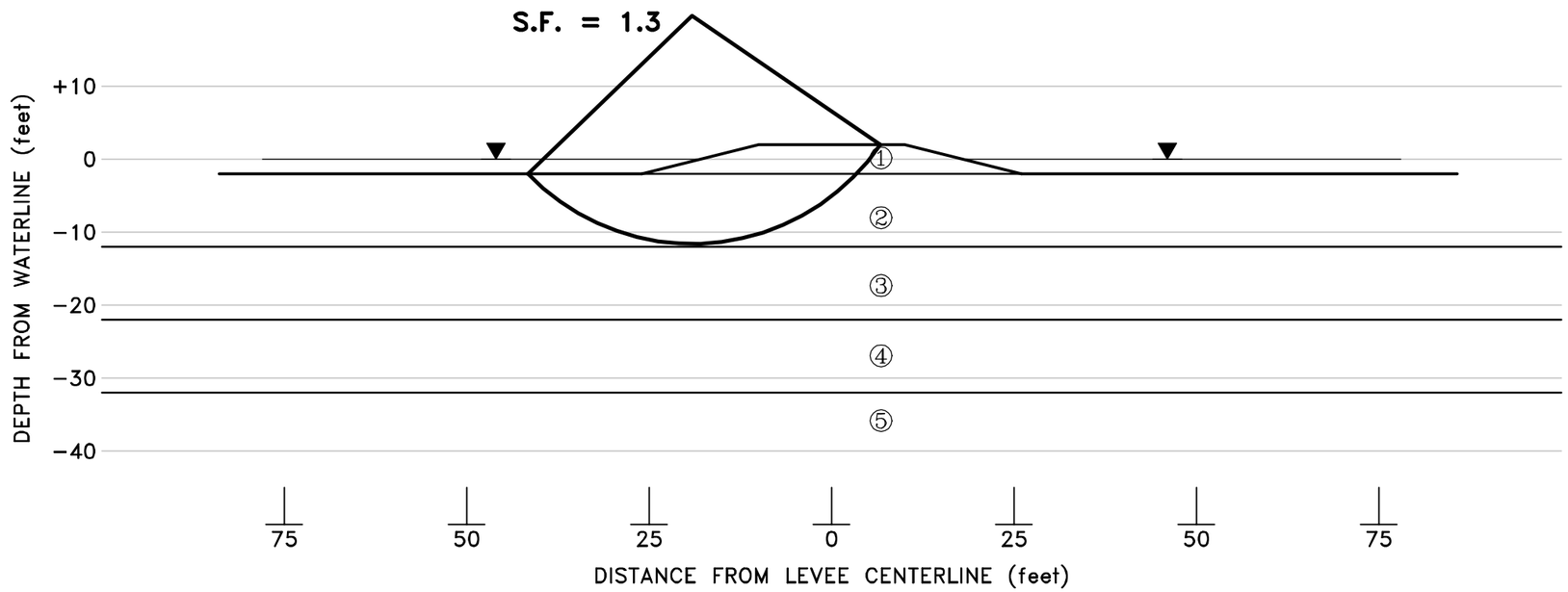
STE
Soil Testing Engineers, Inc.
Baton Rouge, LA Lake Charles, LA Metairie, LA

Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03-1114	Date: 10-29-03	Figure No.: P-6

Title: **STABILITY ANALYSES NORTH LEVEE**

Oct 29, 2003 – 3:58pm

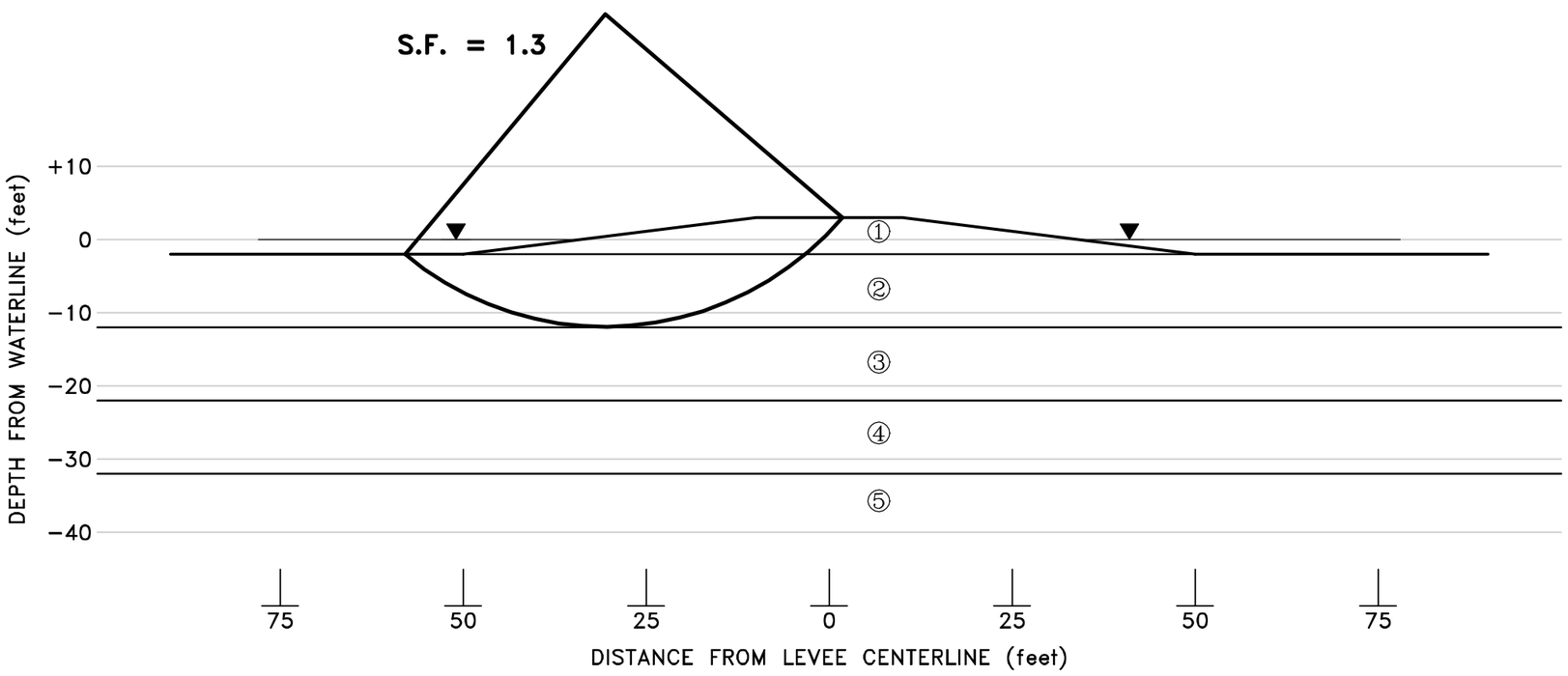
P:\2003\03-1114\CADD\031114-P6 NORTH LEVEE STABILITY.DWG



2 FOOT FREEBOARD, 2 FEET WATER, 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	85	81	0
3	120	88	0
4	200	100	0
5	240	99	0

a: Analyzed for both fill types.
Lowest SF illustrated.



3 FOOT FREEBOARD, 2 FEET WATER, 1(V):8(H) SLOPES

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Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03-1114	Date: 10-29-03	Figure No.: P-6A

Title: **STABILITY ANALYSES NORTH LEVEE**

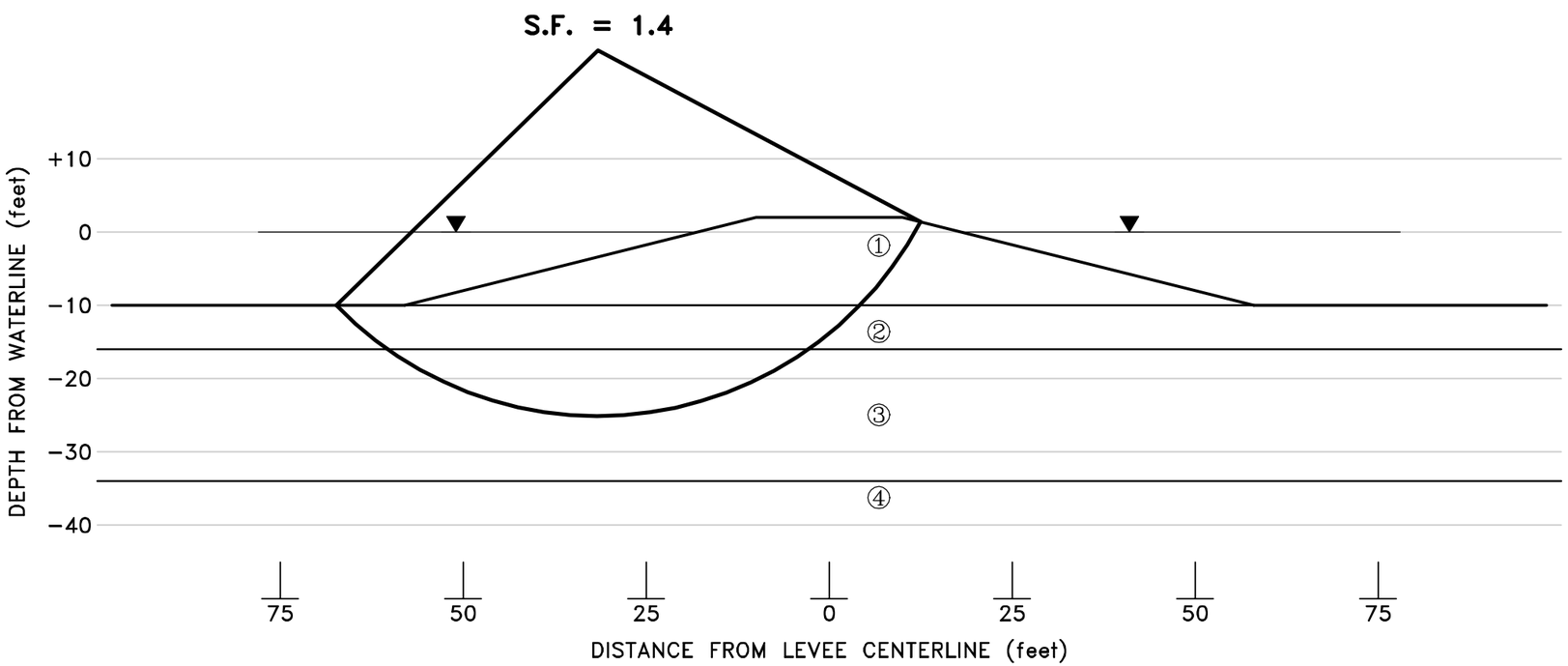
Oct 29, 2003 – 3:58pm

P:\2003\03-1114\CADD\031114-P6A NORTH LEVEE STABILITY.DWG

1 FOOT FREEBOARD, 10 FEET WATER, 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	100	80	0
3	160	84	0
4	100	110	24

a: Analyzed for both fill types.
Lowest SF illustrated.



2 FOOT FREEBOARD, 10 FEET WATER, 1(V):4(H) SLOPES

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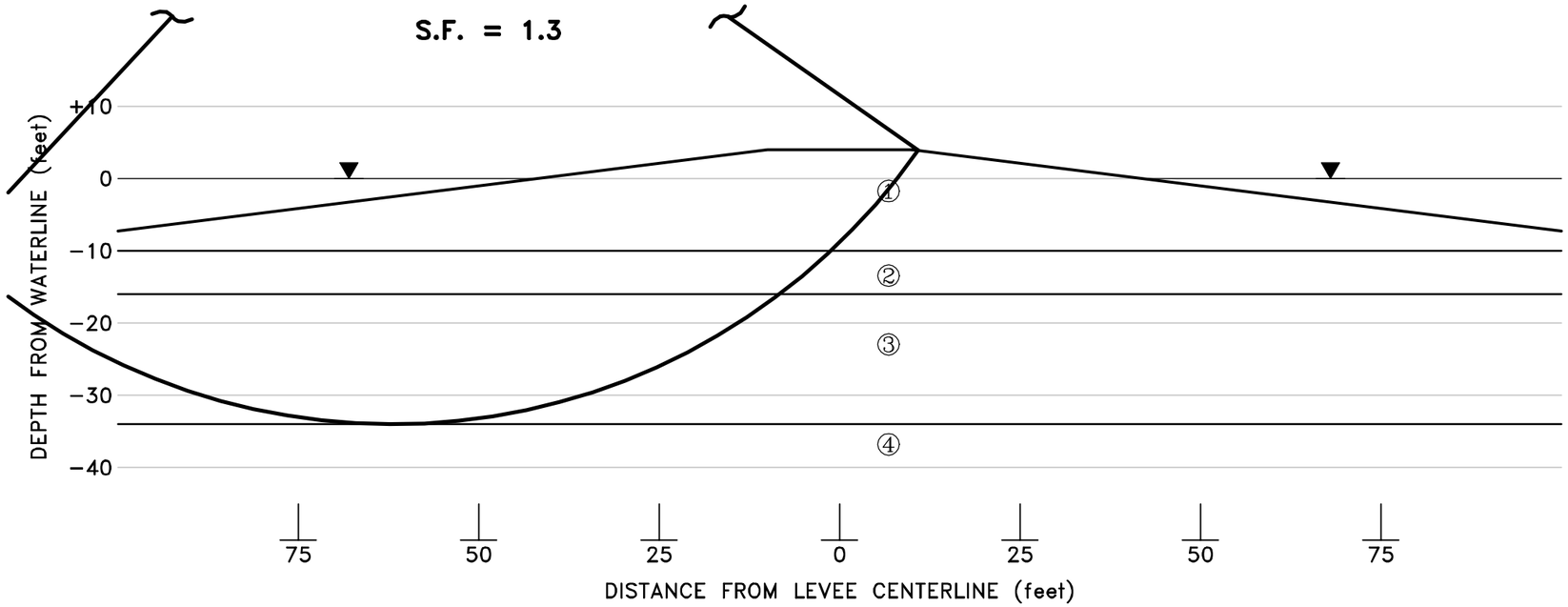
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03–1114	Date: 10–29–03	Figure No.: P-7

Title: **STABILITY ANALYSES EAST LEVEE**

Oct 29, 2003 – 3:58pm

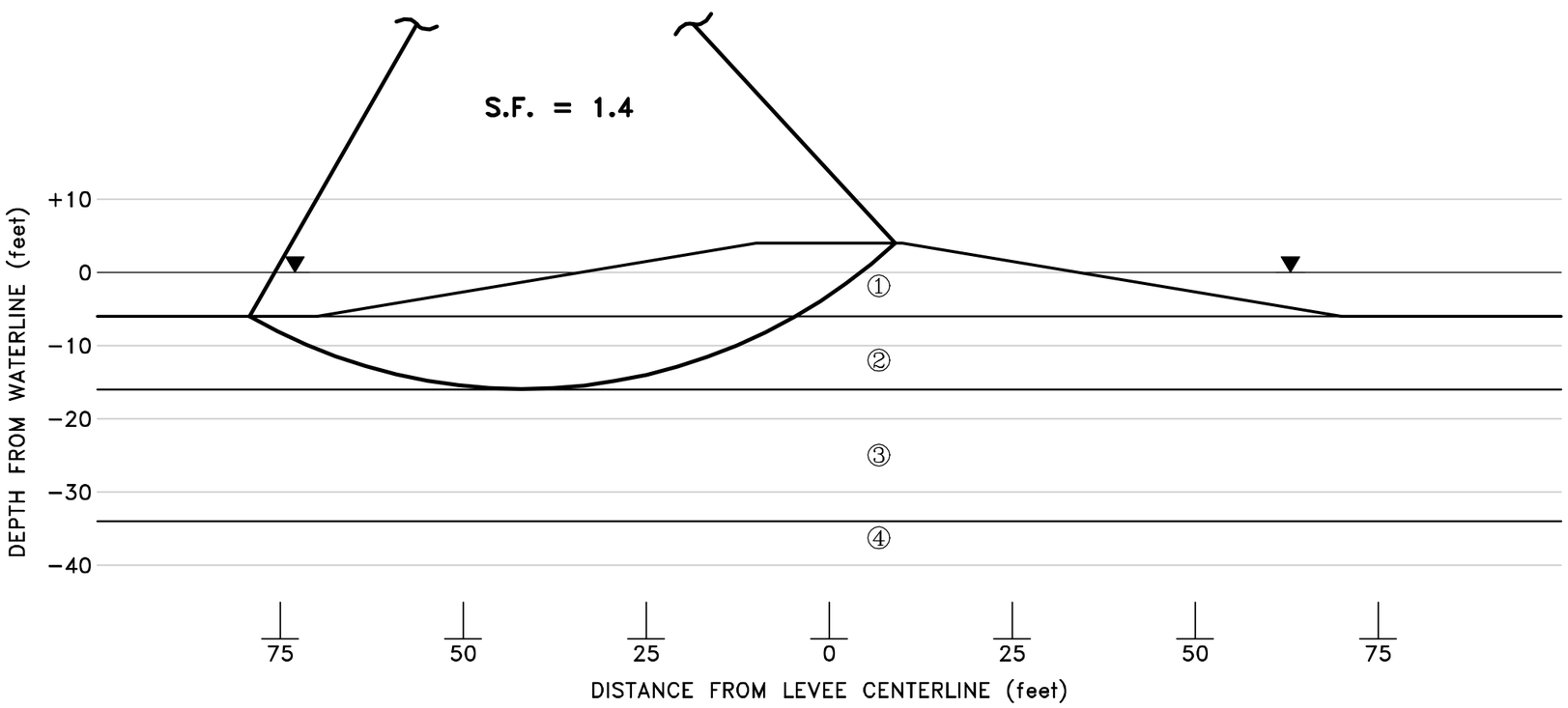
P:\2003\03–1114\CADD\031114–P7 EAST LEVEE STABILITY.DWG



4 FOOT FREEBOARD, 10 FEET WATER, 1(V):8(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	100	80	0
3	160	84	0
4	100	110	24

a: Analyzed for both fill types.
Lowest SF illustrated.



4 FOOT FREEBOARD, 6 FEET WATER, 1(V):6(H) SLOPES

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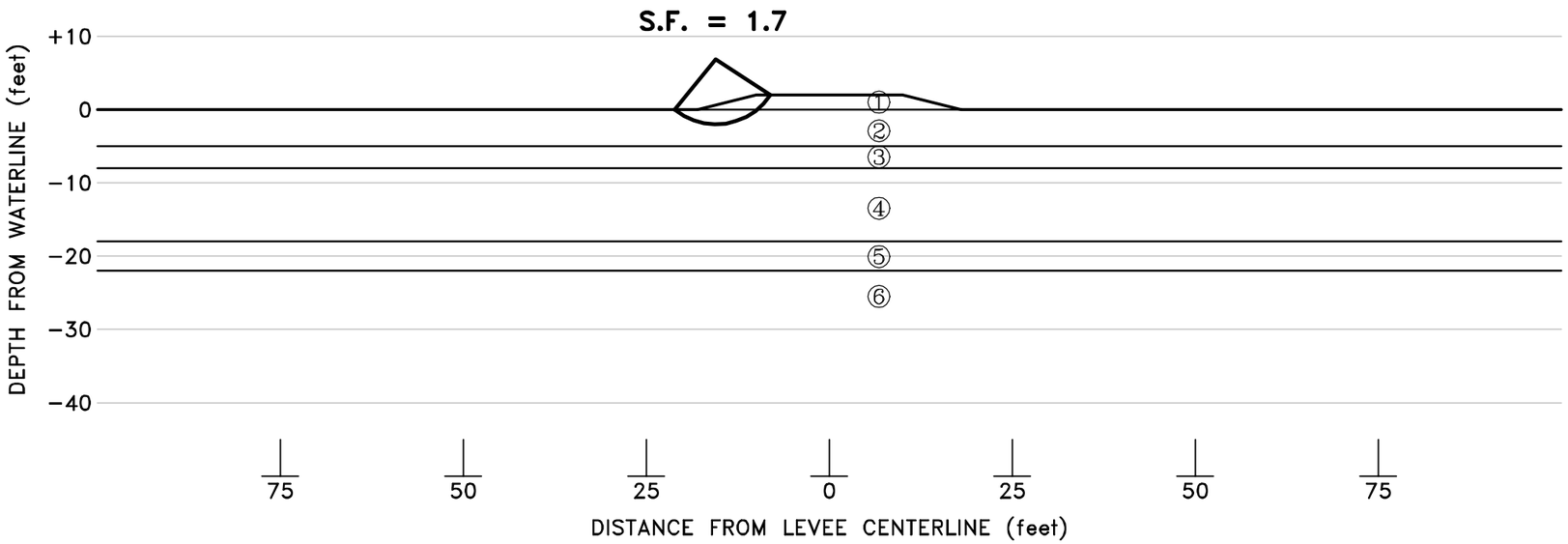
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03−1114	Date: 10−29−03	Figure No.: P-7A

Title: **STABILITY ANALYSES EAST LEVEE**

Oct 29, 2003 − 3:55pm

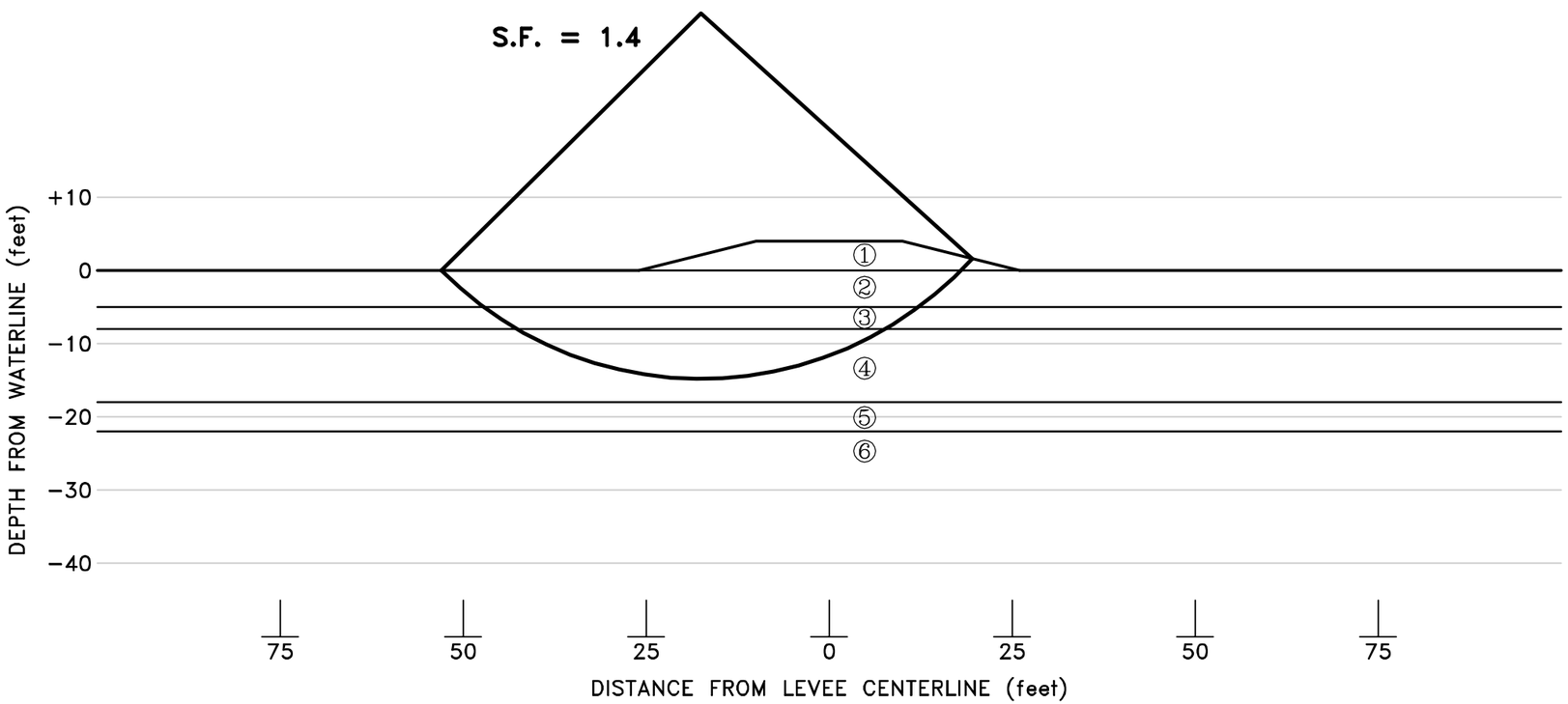
P:\2003\03−1114\CADD\031114−P7A EAST LEVEE STABILITY.DWG



FREEBOARD 2 FEET ABOVE RIDGE, 1(V):4(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	0	110	26
2	0	110	24
3	80	83	0
4	90	84	0
5	100	96	0
6	160	92	0

a: Analyzed for both fill types.
Lowest SF illustrated.



FREEBOARD 4 FEET ABOVE RIDGE, 1(V):4(H) SLOPES

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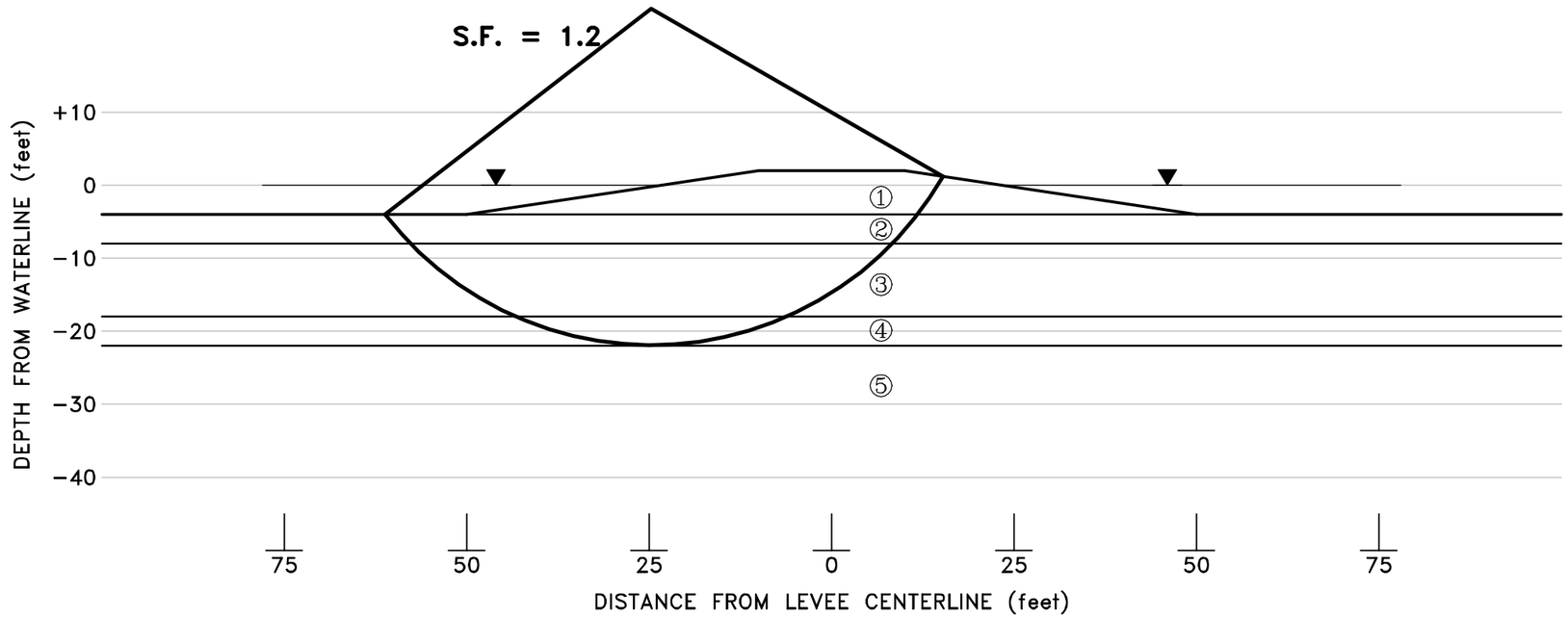
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03–1114	Date: 10–29–03	Figure No.: **P-8**

Title: **STABILITY ANALYSES**
SOUTH LEVEE ON BEACH RIDGE

Oct 29, 2003 – 3:55pm

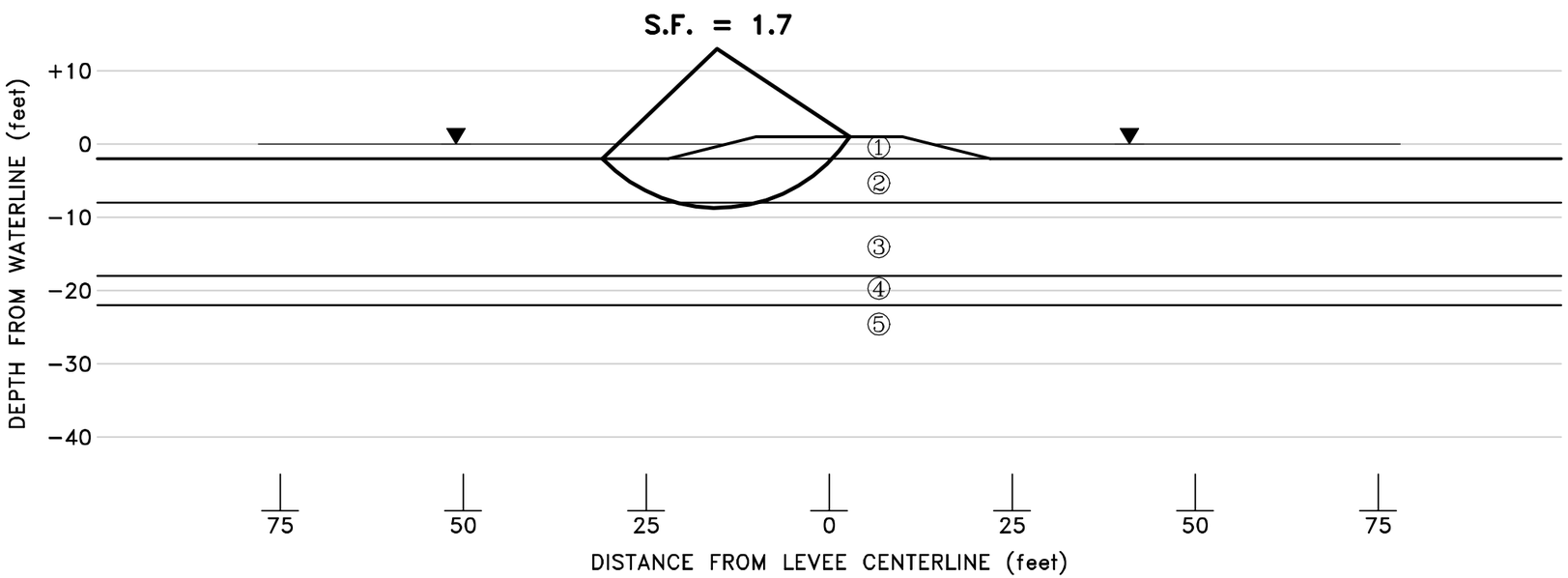
P:\2003\03–1114\CADD\031114–P8 SOUTH LEVEE STABILITY.DWG



1 FOOT FREEBOARD, 4 FEET WATER, 1(V):8(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	80	83	0
3	90	84	0
4	100	96	0
5	160	92	0

a: Analyzed for both fill types.
Lowest SF illustrated.



1 FOOT FREEBOARD, 2 FEET WATER, 1(V):4(H) SLOPES

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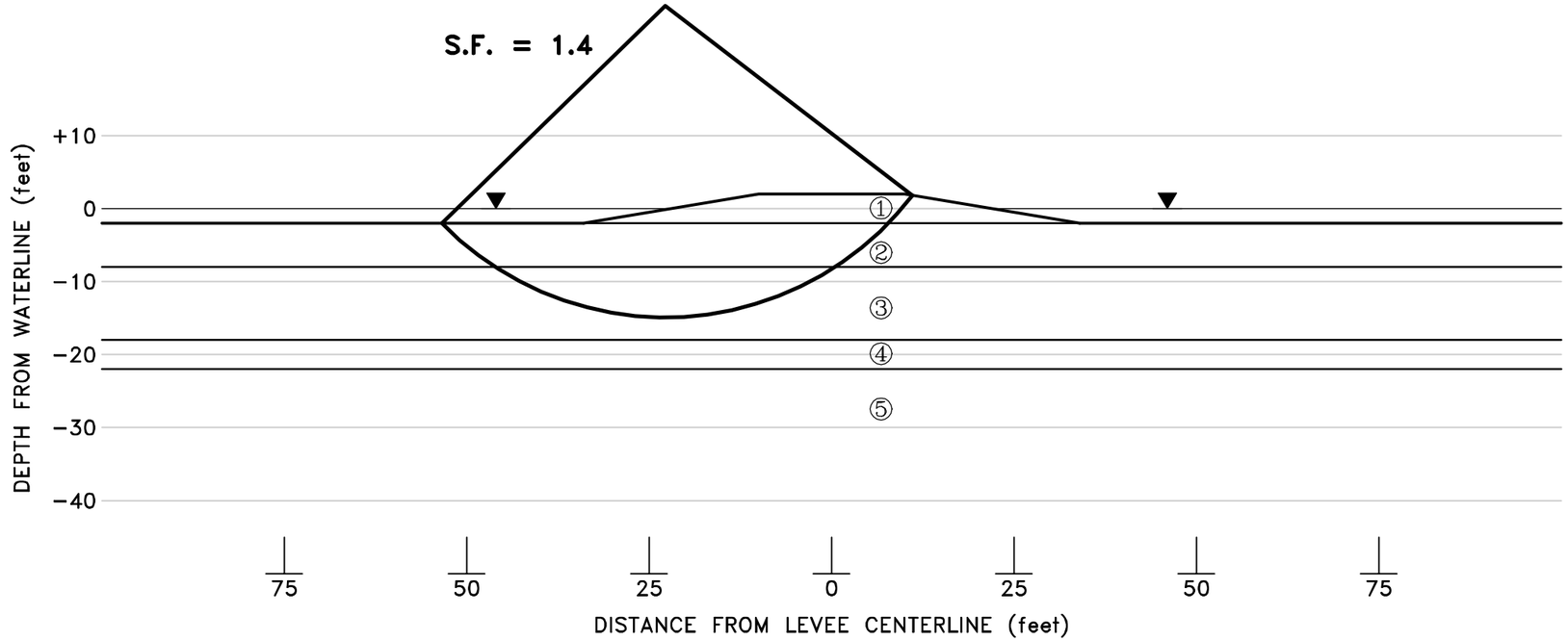
Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03-1114	Date: 10-29-03	Figure No.: P-9

Title: **STABILITY ANALYSES SOUTH LEVEE - OFFSHORE**

Oct 29, 2003 - 3:55pm

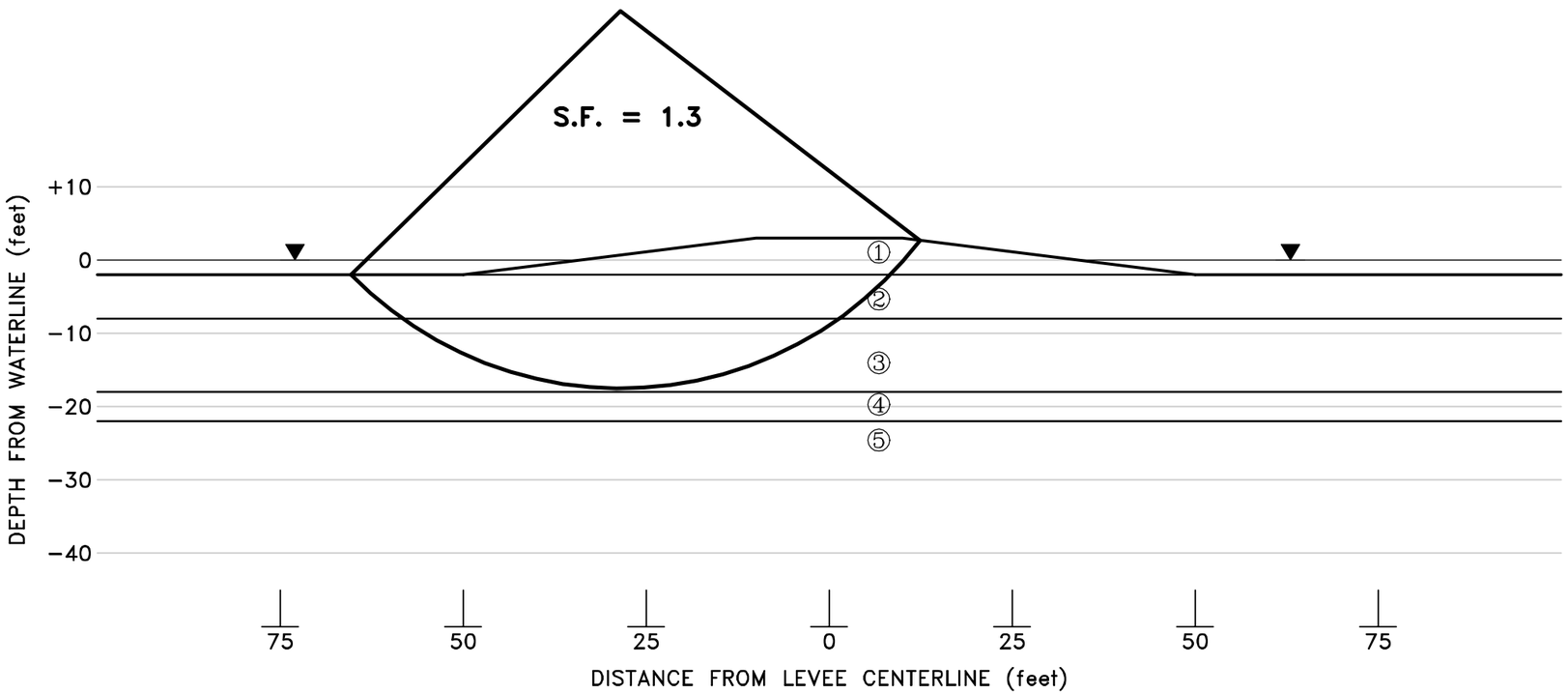
P:\2003\03-1114\CADD\031114-P9 SOUTH LEVEE STABILITY.DWG



2 FOOT FREEBOARD, 2 FEET WATER, 1(V):6(H) SLOPES

SOIL	COHESION (psf)	UNIT WEIGHT (pcf)	FRICTION ANGLE (degrees)
1[a]	100	100	0
1[a]	50	110	22
2	80	83	0
3	90	84	0
4	100	96	0
5	160	92	0

a: Analyzed for both fill types.
Lowest SF illustrated.



3 FOOT FREEBOARD, 2 FEET WATER, 1(V):8(H) SLOPES

BARATARIA BARRIER ISLAND RESTORATION COMPLEX
(PELICAN HEADLAND)
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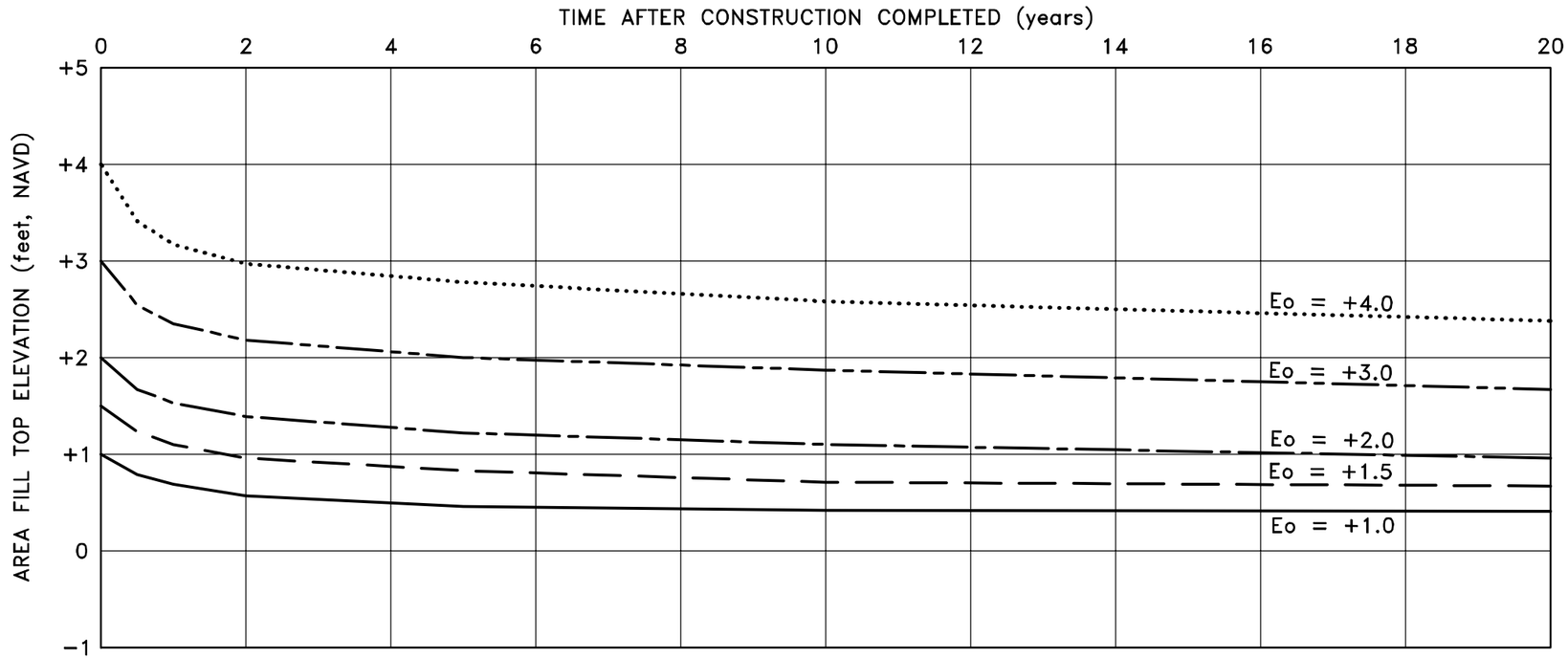
Soil Testing Engineers, Inc.
Baton Rouge, LA Lake Charles, LA Metairie, LA

Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03−1114	Date: 10−29−03	Figure No.: **P-9A**

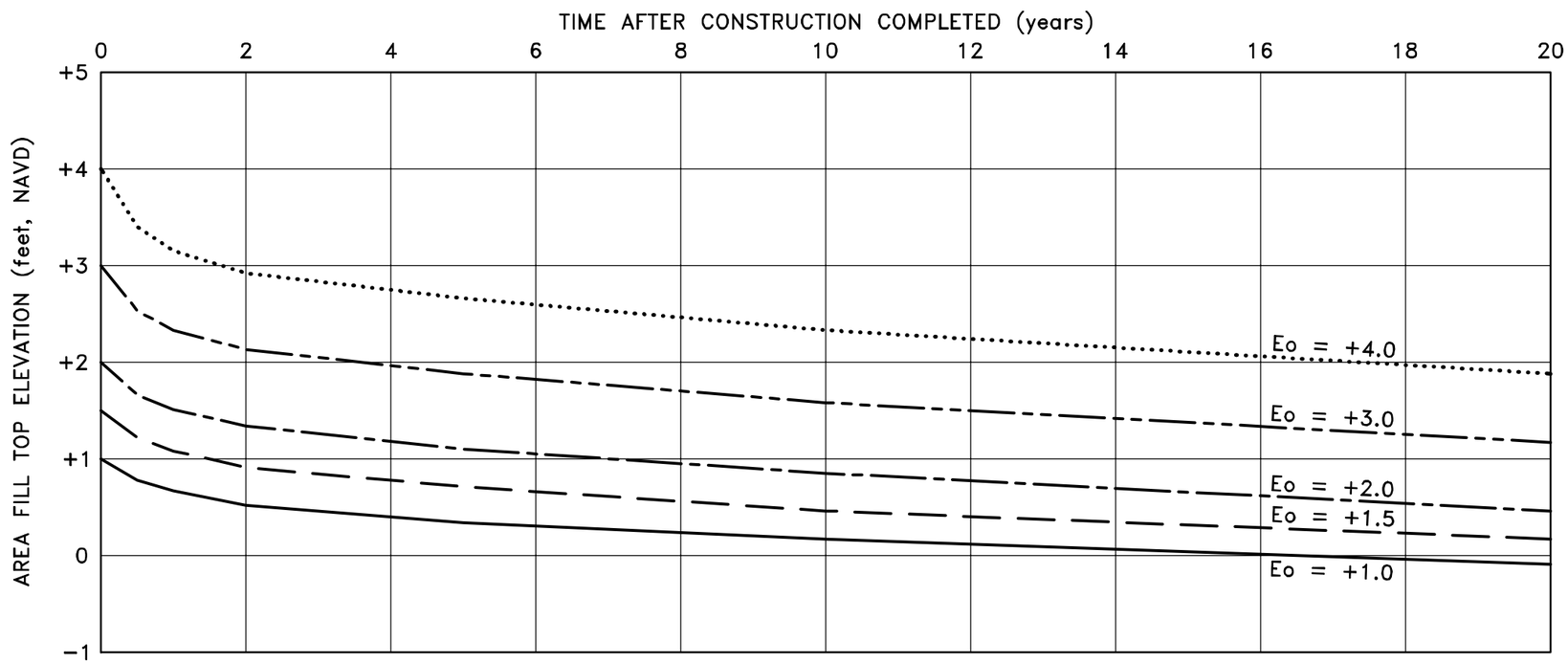
Title: **STABILITY ANALYSES SOUTH LEVEE - OFFSHORE**

Oct 29, 2003 – 3:59pm

P:\2003\03-1114\CADD\031114-P9A SOUTH LEVEE STABILITY.DWG



WITHOUT GEOLOGIC SUBSIDENCE



WITH GEOLOGIC SUBSIDENCE

NOTES:

1. Settlements include both self–weight consolidation and weight–induced settlements in foundation soils.

2. Geologic subsidence rate furnished by LDNR = 0.5 ft./20 yr.

BARATARIA BARRIER ISLAND RESTORATION COMPLEX
(PELICAN HEADLAND)
PROJECT BA-38
PLAQUEMINES PARISH, LOUISIANA
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Project Engineer:	Drawn by:	Checked by:
G.P. Boutwell	DMS	
File No.: 03–1114	Date: 10–29–03	Figure No.: **P-10**

Title: **TIME-SETTLEMENT CURVES: AREA FILL**

Oct 29, 2003 – 3:59pm

P:\2003\03–1114\CADD\031114–P10 TIME SETTLEMENT.DWG

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REPORT OF GEOTECHNICAL INVESTIGATION
BARATARIA BARRIER ISLAND RESTORATION
PROJECT BA-36
PLAQUEMINES PARISH, LOUISIANA

APPENDIX A

FIELD AND LABORATORY PROCEDURES

The following paragraphs describe the field and laboratory procedures used for this investigation Soil Boring Logs are included with this appendix. The boring logs, tables, and figures in this Appendix provide the field and laboratory data collected.

A.1 FIELD EXPLORATION

Twenty-four soil borings were drilled for this project to depths of 22 to 81 feet below water or ground surface. These borings were drilled during the period September 3 through September 26, 2003. The approximate locations of the borings are shown on the Boring Plans, Figures C-1 and P-1. The locations were established by LDNR personnel and physically located by C-K Associates, Inc. and STE. The borings totaled 955 lineal feet, 240 feet of which were continuously sampled. Logs of the borings, corrected to reflect the laboratory test results, are attached to this Appendix.

A.1.1 Sampling Procedures - Undisturbed Samples. In these cohesive and semi-cohesive soils, relatively undisturbed samples were secured using a three-inch diameter, thin wall steel tube sampler, essentially following ASTM D1587. In this sampling procedure, the borehole is advanced to the desired level, and the tube is lowered to the bottom of the boring. It is then pushed about two feet into the undisturbed soil in one continuous stroke. The sample and tube are retrieved from the borehole and detached from the drill string. The tube is then sealed to minimize disturbance and moisture loss, and protected for transportation to the laboratory.

After any laboratory vane shear tests are performed, the samples are extruded in the laboratory by a hydraulic piston onto a rigid sample catcher to minimize disturbance. The sample is then visually classified. The classification includes description of soil color, strength estimates, identification of structural conditions (layering, seams, etc.) and variations (organics, oxide inclusions, etc.). A pocket penetrometer strength test is performed.

A.1.2 Sampling Procedures - Standard Penetration Tests. In the less cohesive materials, standard penetration tests were performed; these tests provide a measure of the in situ characteristics of the soil and secure a disturbed sample. In this test, a 2 inch OD, 1.37ID, heavy-walled "split Spoon" sampler is driven into the undisturbed soil at the bottom of the borehole with a drop hammer weighing 140 pounds and having a stroke of 30 inches. It is first seated 6 inches, then driven an additional two, 6-inch increments. The "Penetration Resistance" is the number of such blows required to drive the spoon the final 12 inches. It is recorded on the boring log in the following manner:

4 b/f
2-2-2

where the figures A-B-C indicate the number of blows required for each 6 inch increment.

A.1.3 Soil Classifications. The soil classifications are given on the attached logs. The materials' strength group, color, and material type are presented. The strength groups are in accordance with normal procedures as given in, e.g., *Mitchell (1993)*. The material type is based on the primary and secondary constituents (gravel, sand, silt, clay). The letters in parentheses represent the Unified Soil Classification (ASTM D2487 supplemented by ASTM D2488).

A.1.4 Grouting. Each borehole was grouted upon completion. The grout mixture was prepared in its own tub (not the mud tank used for drilling). The typical grout mix was 28 pounds of bentonite and 14 sacks of Portland cement per 100 gallons of water. After the grout was thoroughly mixed, it was pumped to the bottom of the borehole through the drill stem which was placed to the bottom of the hole. The grout mixture was circulated in the borehole to assure that the drilling fluid had been replaced with grout. After the circulation, the drill stem was withdrawn and grout fluid from the tub was used to replace the volume of the drill stem as it was withdrawn.

A.2 LABORATORY TESTING

The various types of laboratory testing performed on samples from the boring program are described below. The samples actually tested were selected by the Project Engineer to provide the information necessary for both evaluation of the soils and design.

A.2.1 Classification Testing - Atterberg Limits. These tests were necessary to determine the actual soil types more accurately than can be done by visual/manual methods. For cohesive soils, only Atterberg Limits Determinations were necessary. These parameters are used in classifying the semi-cohesive and cohesive materials, i.e., SC, ML, CL, CH, OL and OH under ASTM D2487. The actual procedure followed ASTM D4318; it consists of determining the water content corresponding to:

* Liquid Limit (LL) - Where the soil changes behavior from that of a plastic solid to that of a viscous liquid.

* Plastic Limit (PL) - Where the soil changes behavior from that of an elastic (rigid) solid to that of a plastic (deformable) solid.

* Plasticity Index (PI)- The difference between the above limits: PI = LL - PL.

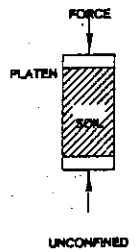
Sixty-four (64) of these tests were performed on the samples. The results are presented in the appropriate columns of the boring logs.

A.2.2 Classification - Particle Size Analyses. The information from these tests is used in classifying the less cohesive (more granular) soils such as PL and SM types. The test consists of two parts

- Sieve Analyses, where the sample is washed over progressively finer sieves, ending with the #200 (0.074 mm). The dry weight retained above each sieve is determined.
- Hydrometer Analysis, where the sample is suspended in water, and the particle sized are determined using the sedimentation rates and Stokes' Law.

This procedure is given in more detail in ASTM D422. There were thirty (30) such tests. Their results are summarized on the Logs of Borings, and presented graphically on figures, the Grain Size Analysis, all of which are attached to this Appendix A.

A.2.3 Strength Testing. The strength test program consisted of unconsolidated undrained (UU) triaxial compression tests. These tests provided data for slope stability analysis/design. In this test, a cylindrical sample (typically 3 inches in diameter and 6 inches high) is encased in a rubber membrane and then placed between two solid, flat end pieces ("platens"). Lateral pressure is applied to the sample by air pressure acting against the membrane. Stress is applied parallel to the long axis of the sample by advancing the end platens in a strain-controlled manner. Both the stress and corresponding axial strain are measured. The peak strength is the maximum axial stress measured before the axial strain reaches the commonly accepted value of 10%. These procedures conform essentially to ASTM D2850. A diagram for this test is given on the sketch below:



SKETCH A-1 - STRENGTH TESTING

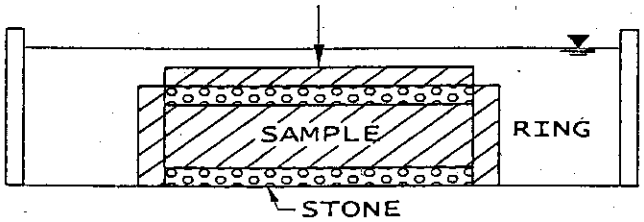
Eighty-four (84) of these tests were performed on the samples.

The results of these tests are presented in the appropriate columns of the attached boring logs.

A.2.4 Laboratory Vane Shear Testing. These tests were performed in the laboratory before the samples were extruded from their Shelby Tubes. The procedures are essentially those described for the field test in Section A.1.3, but a much smaller vane (1 inch blade diameter x 2 inches long) is used. This test conforms to the manufacture's recommendations and essentially to ASTM D4648. A total

of 8 such tests was performed; their results are given on the attached Logs of Borings.

A.2.5 Consolidation Testing. These tests provide data on the compressibility and time-rate of settlement characteristics of the natural soils. In this test, a thin (0.8 inch) cylinder of the soil is trimmed into a 2.5 inch diameter, thick-walled ring. The sample and ring are submerged in water, and various one-dimensional vertical loads applied as illustrated in the sketch below.



SKETCH A-2 - CONSOLIDATION TESTING

Each load is maintained until 100% consolidation occurs under that load; the next load is then applied. This procedure conforms essentially to ASTM D2435. The results of the fifteen (15) such tests performed on the samples are presented graphically on the Consolidation Test figures, and are summarized on Table A-2. In addition, Specific Gravity Determinations were made for all samples subjected to Consolidation Testing. The procedures conformed essentially to ASTM D854.

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BARATARIA BARRIER ISLAND RESTORATION COMPLEX
PROJECT BA-38
PLAQUEMINE PARISH, LA
DNR CONTRACT NO. 2503-02-29
TABLE A-1
SUMMARY OF CONSOLIDATION TESTS

BORING NO.	DEPTH (feet)	LL (%)	PI (%)	W_o (%)	DD_o (pcf)	p_c (tsf)	C'_c (decimal)	SOIL TYPE
CS-1	34-36	-	NP	30	89	1.30	0.04	ML(S)
CS-2	16-18	28	11	51	68	0.64	0.18	CL
CS-3	10-12	-	NP	38	86	2.20	0.04	ML(S)
CS-4	29-31	74	48	53	62	0.58	0.24	CH
CF-7	8-10	-	NP	25	101	1.50	0.03	SM
CF-7	19-21	63	37	63	57	0.63	0.24	CH
C-9	8-10	-	NP	23	99	0.80	0.03	SM
C-9	41-43	64	36	44	75	0.72	0.18	CH
PS-1	5-7	63	44	45	31	0.39	0.37	OH
PS-2	26-28	33	14	34	84	1.60	0.08	ML(C)
PS-3	24-26	71	47		70	0.51	0.14	CH
PS-3	59-61	73	48	51	67	1.26	0.21	CH
PF-4	18-20	114	80	94	46	0.59	0.27	OH
P-9	29-31	93	63	54	62	0.64	0.27	CH

LL = Liquid Limit (D4318)
PI = Plas. Index (D4318)
W_o = Initial Water Content (D2216)
DD_o = Initial Dry Density (D2937)

p_c = Preconsolidation Pressure (Casagrande Method)
C'_c = Compression Index = $C_c/(1+e_o)$
NP = Non-Plastic

DESCRIPTION OF TERMS AND SYMBOLS USED ON SOIL BORING LOG

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FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Other	Soil Type	DESCRIPTION

5

10

15

20

25

30

35

40

Ground Water Levels

Long-Term Depth
Depth to water after boring is completed (time noted).

Short-Term Depth
Depth to water after initial water encountered prior to proceeding with boring (time noted).

Initially Encountered
Depth where free water was initially encountered during augering.

Sampling/Field Data

3.5 (P) — **Undisturbed**
3" dia. Tube sample

Pocket Penetrometer (P)
Penetration resistance (tons/sq. ft.).

Torvane (T)
Shearing resistance (tons/sq. ft.)

13 b/f (3-7-6) — **Split Spoon**
Std. penetration test

Std. Penetration
No. of blows per foot (blows per each six inch increments).

Auger
Disturbed (auger) collected in accordance with ASTM D-1452.

No Recovery
Sampling attempted but no sample retrieved.

DESCRIPTION

Description
Classifications are based on visual observations by field & lab representatives as well as results of laboratory data (when available).

Laboratory Data

Compressive Strength
Value based on peak compressive strength. Determined by unconfined compression test unless otherwise noted.

Dry Unit Weight
As determined by method similar to ASTM D-2937.

Water Content
As determined by pertinent portions of ASTM D-2216.

Atterberg Limits
LL : Liquid Limit
PL : Plastic Limit
PI : Plasticity Index
(= Liquid Limit - Plastic Limit)

Other
Results of other tests such as consolidation, permeability, grain size or notes associated with testing program.

Soil Type
Graphical representation of soil type. In accordance with USCS Symbols.

Ground Water Level Data	Boring Advancement Method	Notes
	Boring Abandonment Method	

Form LOGTERMS

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CS-1

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/04/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 2

LELAP Certificate No. 02052

Location: Lat. 29° 18' 54.7"
Long. 89° 45' 51.4"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
	5											Water Mudline at 8.0 ft.
	10			0.10t1	201	26	283	97	186			Very soft gray ORGANIC CLAY (OH) w/peat
					23							Loose gray SILTY SAND (SM)
	15		26 b/f 8-9-17									Firm to dense gray CLAYEY SAND (SC) w/shells
			33 b/f 11-15-18		30					GS1		
	20											
	25		3 b/f 1-1-2		54		71	26	45			Soft gray CLAY (CH) w/shells
	30											Firm gray SANDY SILT (ML)
	35		0.5 (P) 1.0 (P)	4.00t2	30	82				GS2		-- w/shells
	40											Firm gray SILTY SAND (SM) w/shells

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 4 ft.
Water to Mudline 8 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
8 to 48 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 9.1 psi
GS: Particle Size Analysis
GS1: Gravel = 0%, Sand = 76%, Silt = 10%, Clay = 14%
GS2: Gravel = 0%, Sand = 13%, Silt = 79%, Clay = 8%

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CS-1

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/04/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 18' 54.7"
Long. 89° 45' 51.4"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
					33							Firm gray SILTY SAND (SM) w/trace of clay and shells
	45											
			20 b/f 5-6-14		28					GS3		
												Boring completed at 48 ft.
	50											
	55											
	60											
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 8 to 48 ft.	t: Unconsolidated, Undrained Triaxial Compression Test t2: Lateral Pressure = 27.3 psi GS: Particle Size Analysis GS3: Gravel = <1%, Sand = 84%, Silt = 10%, Clay = 6%
	Boring Abandonment Method	
	Borehole grouted upon completion	Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CS-2

STE
Soil Testing Engineers, Inc.

Sheet 1 of 2

File: 03-1114
Date: 09/23/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 18' 50.5"
Long. 89° 45' 04.6"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water Mudline at 2.0 ft.
			0.25 (P)	0.09t1	63	59	61	18	43			Very soft dark gray CLAY (CH) w/organic matter and 2-inch sand layer
	5		0.5 (P)	3.18t2	28	90				GS1		Firm gray SANDY SILT (ML)
			0.25 (P)	2.30t3	24	95						
			No (P)		23							
	10		0.25 (P)	2.26t4	28	93				GS2		-- w/clay pockets at 10 to 12 ft.
	15		0.5 (P)	0.50t5	27	94	28	17	11	0.25 SG		Medium gray SILTY CLAY (CL) -- w/1-inch sand layer at 17 ft.
	20		0.5 (P)		35					0.19		Alternate layers of 4-inches Soft gray SILTY CLAY (CL) and 3-inches Loose gray SILTY SAND (SM)
	25		0.5 (P)	0.28t6	22	94				0.19 GS3		Firm gray SILTY SAND (SM) -- w/clay pockets at 26 to 28 ft.
	30		14 b/f 12-9-5									
	35		0.75 (P)	0.71t7	42	76				0.33		Medium gray SILTY CLAY (CL) -- w/sand seams at 36 to 38 ft.
	40											Soft gray SILTY CLAY (CL)

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 2 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
2 to 43 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
Lateral Pressure
t1 = 3.5 psi t2 = 4.9 psi t3 = 6.3 psi
t4 = 9.1 psi t5 = 13.3 psi t6 = 20.3 psi
t7 = 27.3 psi
GS: Particle Size Analysis
GS1: Gravel = 0%, Sand = 43%, Silt = 45%, Clay = 12%
GS2: Gravel = 0%, Sand = 44%, Silt = 50%, Clay = 6%
GS3: Gravel = 0%, Sand = 72%, Silt = 22%, Clay = 6%
SG: Specific Gravity = 2.74

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CS-2

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/23/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 18' 50.5"
Long. 89° 45' 04.6"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
			0.25 (P)	0.28t8	35	79						Soft gray SILTY CLAY (CL)
	45											Boring completed at 43 ft.
	50											
	55											
	60											
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 2 to 43 ft.	t: Unconsolidated, Undrained Triaxial Compression Test t8: Lateral Pressure = 30.8 psi
	Boring Abandonment Method Borehole grouted upon completion	

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CS-3

STE
Soil Testing Engineers, Inc.

Sheet 1 of 2

File: 03-1114
Date: 09/04/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 18' 41.8"
Long. 89° 45' 19.9"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											Mudline at 6.0 ft.
				0.04t1	92	40				GS1		Very loose gray CLAYEY SILT (ML)
	10				35 32					GS2		Loose gray SANDY SILT (ML)
	15		13 b/f 5-7-6 15 b/f 8-9-6		32							Firm gray SANDY SILT (ML)
	20		2 b/f 1-1-1		50		68	29	39			Very soft gray CLAY (CH)
	25		0.25 (P)	0.17t2	49	79	67	26	41	0.23		
	30											Loose to firm gray SILTY SAND (SM)
	35				28					GS3		
	40											

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 4 ft.
Water to Mudline 6 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
6 to 46 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 7.7 psi
t2: Lateral Pressure = 20.3 psi
GS: Particle Size Analysis
GS1: Gravel = 0%, Sand = 76%, Silt - 10%, Clay = 14%
GS2: Gravel = 0%, Sand = 31%, Silt = 63%, Clay = 6%
GS3: Gravel = <1%, Sand = 84%, Silt = 10%, Clay = 6%

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CS-3

STE
Soil Testing Engineers, Inc.

Sheet 2 of 2

File: 03-1114
Date: 09/04/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 18' 41.8"
Long. 89° 45' 19.9"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
			6 b/f 3-3-3									Loose gray SILTY SAND (SM) w/clay pockets
	45		1.0 (P)	0.78t3	36	78						
												Boring completed at 46 ft.
	50											
	55											
	60											
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 6 to 46 ft.	t: Unconsolidated, Undrained Triaxial Compression Test t3: Lateral Pressure = 34.3 psi
	Boring Abandonment Method Borehole grouted upon completion	

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CS-4

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/05/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 2

LELAP Certificate No. 02052

Location: Lat. 29° 18' 45.2"
Long. 89° 44' 47.8"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											Mudline at 6.0 ft.
				1.67t1	29	87				GS1		Firm gray SILTY SAND (SM) -- w/organic matter at 6 to 8 ft.
	10				36							
			25 b/f 10-12-13									-- w/trace of clay at 12 to 14 ft.
	15		6 b/f 3-3-3		57					GS2		Medium gray SILTY CLAY (CL)
	20		10 b/f 6-7-3									
	25											Soft gray CLAY (CH)
	30			0.35t2	47	65	74	26	48	CS		
	35		0.75 (P) 0.5 (P)	0.38t3	38 42	80						-- w/shell fragments at 34 to 36 ft.
	40											Loose gray VERY CLAYEY SILT (ML-CL)

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 4 ft.
Water to Mudline 6 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
6 to 46 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 7.7 psi
t2: Lateral Pressure = 23.8 psi
t3: Lateral Pressure = 27.3 psi
GS: Particle Size Analysis
GS1: Gravel = 0%, Sand = 84%, Silt = 12%, Clay = 4%
GS2: Gravel = 0%, Sand = <1%, Silt = 44%, Clay = 55%
CS: See Consolidation Curve

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CS-4

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/05/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Sheet 2 of 2

LELAP Certificate No. 02052

Location: Lat. 29° 18' 45.2"
Long. 89° 44' 47.8"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
			0.75 (P)							GS3		Loose gray VERY CLAYEY SILT (ML-CL)
												Firm gray SANDY SILT (ML)
	45			1.25t4	33	82				GS4		
												Boring completed at 46 ft.
	50											
	55											
	60											
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 6 to 46 ft.	GS: Particle Size Analysis GS3: Gravel = 0%, Sand = 8%, Silt = 70%, Clay = 22% GS4: Gravel = 0%, Sand = 43%, Silt = 49%, Clay = 7% t: Unconsolidated, Undrained Triaxial Compression Test t4: Lateral Pressure = 34.3 psi
	Boring Abandonment Method	
	Borehole grouted upon completion	Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CF-5

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/22/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 1

LELAP Certificate No. 02052

Location: Lat. 29° 14' 00.2"
Long. 89° 47' 00.2"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water Mudline at 2.0 ft.
			0.25 (P)	0.18t1	38	73				0.21 GS1		Very loose dark gray SILTY SAND (SM) w/grass and clay
	5		0.25 (P)		48					0.15		Very soft dark gray SILTY CLAY (CL) w/grass roots
			0.25 (P)	0.37t2	51	73				GS2		Soft gray SANDY CLAY (CL) w/peat pockets
			0.25 (P)		63					0.44		
	10		9 b/f 4-6-3									Loose gray SILTY SAND (SM)
	15		0.75 (P)	2.09t3	30	84						Firm gray CLAYEY SAND (SC)
	20		0.25 (P)		55					0.21		Soft gray CLAY (CH)
												Boring completed at 23 ft.
	25											
	30											
	35											
	40											

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 2 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
2 to 23 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 3.5 psi
t2: Lateral Pressure = 6.3 psi
t3: Lateral Pressure = 13.3 psi
GS: Particle Size Analysis
GS1: Gravel = <1%, Sand = 72%, Silt = 17%, Clay = 11%
GS2: Gravel = 0%, Sand = 42%, Silt = 30%, Clay = 28%

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CF-6

STE
Soil Testing Engineers, Inc.

Sheet 1 of 1

LELAP Certificate No. 02052

File: 03-1114
Date: 09/05/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Location: Lat. 29° 18' 34.5"
Long. 89° 44' 57.0"
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											Mudline at 6.0 ft.
					37							Loose gray SILTY SAND (SM) w/trace of clay and organic matter
	10			3.17T1	25	82				GS1		Dense gray SAND (SP)
	15		32 b/f 11-15-17									
	20		22 b/f 9-11-11		27					GS2		Firm gray SANDY SILT (ML)
	25		0.25 (P) 0.5 (P)		45		90	20	70	0.26		Soft gray CLAY (CH) w/trace of sand
	30											Boring completed at 26 ft.
	35											
	40											

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 4 ft.
Water to Mudline 6 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
6 to 26 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 10.5 PSI
GS: Particle Size Analysis
GS1: Gravel = 0%, Sand = 93%, Silt = 6%, Clay = 1%
GS2: Gravel = 0%, Sand = 40%, Silt = 57%, Clay = 3%

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CF-7

STE
Soil Testing Engineers, Inc.

Sheet 1 of 1

File: 03-1114
Date: 09/04/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 18' 58.3"
Long. 89° 46' 48.0"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water Mudline at 4.0 ft.
	5			0.07t1	46	72				GS1		Very soft gray SANDY CLAY (CL) -- w/shell fragments at 4 to 6 ft.
	10		17 b/f 11-8-9	2.78t2	28	84				GS2 SG		Firm gray SILTY SAND (SM)
			3 b/f 1-1-2		42		55	21	34			Soft gray CLAY (CH)
	15											
	20		1.0 (P) 0.5 (P)		61		63	26	37	0.25		
	25											Loose gray SILTY SAND (SM)
												Boring completed at 26 ft.
	30											
	35											
	40											

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 4 ft.
Water to Mudline 4 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
4 to 26 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 6.3 psi
t2: Lateral Pressure = 9.1 psi
GS: Particle Size Analysis
GS1: Gravel = 7%, Sand = 40%, Silt = 28%, Clay = 25%
GS2: Gravel = 0 %, Sand = 56%, Silt = 39%, Clay = 5%
SG: Specific Gravity = 2.64

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING CF-8

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/05/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 1

LELAP Certificate No. 02052

Location: Lat. 29° 18' 37.1"
Long. 89° 44' 24.1"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											Mudline at 6.0 ft.
					46					GS1		Very loose gray SILTY SAND (SM) w/shell fragments and peat
					64							Very soft gray SANDY CLAY (CL) w/shell fragments and organic matter
	10		WOH									
			6 b/f 1-3-3		38		29	18	11			Medium gray SANDY CLAY (CL) w/shell fragments
	15		14 b/f 6-7-7									Firm gray SANDY SILT (ML)
	20		11 b/f 3-4-7		30					GS2		
	25		7 b/f 6-4-3									-- loose below 24 ft.
												Boring completed at 26 ft.
	30											
	35											
	40											

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 4 ft.
Water to Mudline 6 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
6 to 26 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

GS: Particle Size Analysis
GS1: Gravel = 0%, Sand = 82%, Silt = 11%, Clay = 7%
GS2: Gravel = 0%, Sand = 43%, Silt = 50%, Clay = 7%
WOH: Weight of Hammer

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING C-9

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/22/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 2

LELAP Certificate No. 02052

Location: Lat. 29° 18' 53.2"
Long. 89° 41' 19.6"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water Mudline at 2.0 ft.
			0.25 (P)		265							Very soft dark gray PEAT (PT)
	5		0.25 (P)	1.54t1	33	85				GS1		Firm gray SILTY SAND (SM)
			0.75 (P)		23							
			1.5 (P)	4.49t2 m	26	100				SG1 GS2		Dense gray SILTY SAND (SM) w/trace of clay
	10		1.5 (P)		23							
	15		1.5 (P)	1.07t3	24	96						
	20		0.75 (P)		27							Firm gray CLAYEY SAND (SC)
	25		0.5 (P)	0.81t4	32	89	23	18	5			Medium gray VERY SANDY CLAY (CL-SC)
	30		0.25 (P)	1.21t5	40	76						Stiff gray SANDY CLAY (CL)
	35		1.0 (P)		30							
	40											

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 2 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
2 to 73 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
Lateral Pressure
t1 = 4.9 psi t2 = 7.7 psi t3 = 13.3 psi
t4 = 20.3 psi t5 = 23.8 psi
GS: Particle Size Analysis
GS1: Gravel = 0%, Sand = 68%, Silt = 26%, Clay = 6%
GS2: Gravel = 0%, Sand = 54%, Silt = 32%, Clay = 14%
m: Machine Limit
SG: Specific Gravity
SG1 = 2.64

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING C-9

STE
Soil Testing Engineers, Inc.

Sheet 2 of 2

LELAP Certificate No. 02052

C-K Associates, Inc.
Baton Rouge, LA

File: 03-1114
Date: 09/22/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

Location: Lat. 29° 18' 53.2"
Long. 89° 41' 19.6"
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Stiff gray SANDY CLAY (CL)
		■	0.75 (P)		47		54	18	36	SG2		Soft gray CLAY (CH)
	45											
		■	0.5 (P)		41					0.23		
	50											
		■	0.5 (P)	0.29t6	52	69	65	18	47	0.25		
	55											
		■	0.75 (P)		41					0.17		
	60											
		■	0.5 (P)	0.34t7	55	66	86	22	64	0.27		
	65											
		■	0.25 (P)		48					0.27		
	70											Very soft gray CLAY (CH)
		■	0.25 (P)	0.16t8	41	72	57	19	38	0.31		
	75											Boring completed at 73 ft.
	80											

Ground Water Level Data

Boring Advancement Method

4" Dia. Rotary Wash:
2 to 73 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

SG: Specific Gravity
SG2 = 2.66
t: Unconsolidated, Undrained Triaxial Compression Test
t6: Lateral Pressure = 37.8 PSI
t7: Lateral Pressure = 44.8 PSI
t8: Lateral Pressure = 51.8 PSI

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING C-10

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/22/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 1

LELAP Certificate No. 02052

Location: Lat. 29° 18' 48.0"
Long. 89° 46' 47.0"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water Mudline at 2.0 ft.
		■	0.25 (P)	0.08t1	48	69	30	17	13	0.15		Very soft gray SILTY CLAY (CL) w/shells and organic matter
	5	■	0.25 (P)	0.09t2	41	63				GS		Loose gray CLAYEY SAND (SC)
		■	0.5 (P)	0.73t3	30	90						Medium gray VERY SILTY CLAY (CL-ML)
		■	1.0 (P)		38							-- w/shells at 8 to 10 ft.
	10	▒	10 b/f 6-5-5									Firm gray CLAYEY SAND (SC)
	15	■	No (P)		27							Firm gray SILTY SAND (SM)
	20	■	1.0 (P)	3.93t4	25	96						-- w/trace of clay at 21 to 23 ft.
	25											Boring completed at 23 ft.
	30											
	35											
	40											

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 2 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
2 to 23 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 3.5 psi
t2: Lateral Pressure = 4.9 psi
t3: Lateral Pressure = 6.3 psi
41: Lateral Pressure = 16.8 psi
GS: Particle Size Analysis
Gravel = <1%, Sand = 53%, Silt = 30%, Clay = 17%

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING Q-1

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/03/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 1

LELAP Certificate No. 02052

Location: Lat. 29° 18' 06.2"
Long. 89° 49' 30.8"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											
	10											Mudline at 14.0 ft.
	15				35					GS1		Loose gray SANDY SILT (ML) w/shell fragments
			5 b/f 3-2-3		26							
			10 b/f 3-5-5									Firm gray SANDY SILT (ML) w/shell fragments
	20		23 b/f 8-9-14		30					GS2		
			11 b/f 7-6-5									
	25											
	30		24 b/f 8-10-14		36							
	35		14 b/f 8-5-9									
												Boring completed at 36 ft.
	40											

Ground Water Level Data	Boring Advancement Method	Notes
VS = Vane Shear (ksf) Deck to Water 4 ft. Water to Mudline 14 ft.	4" Dia. Rotary Wash: 4 to 36 ft. **Boring Abandonment Method** Borehole grouted upon completion	GS: Particle Size Analysis GS1: Gravel = 0%, Sand = 46%, Silt = 48%, Clay = 6% GS2: Gravel = 0%, Sand = 44%, Silt = 48%, Clay = 8% Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Chaland Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING Q-2

STE
Soil Testing Engineers, Inc.

Sheet 1 of 1

File: 03-1114
Date: 09/03/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 17' 45.4"
Long. 89° 49' 32.5"

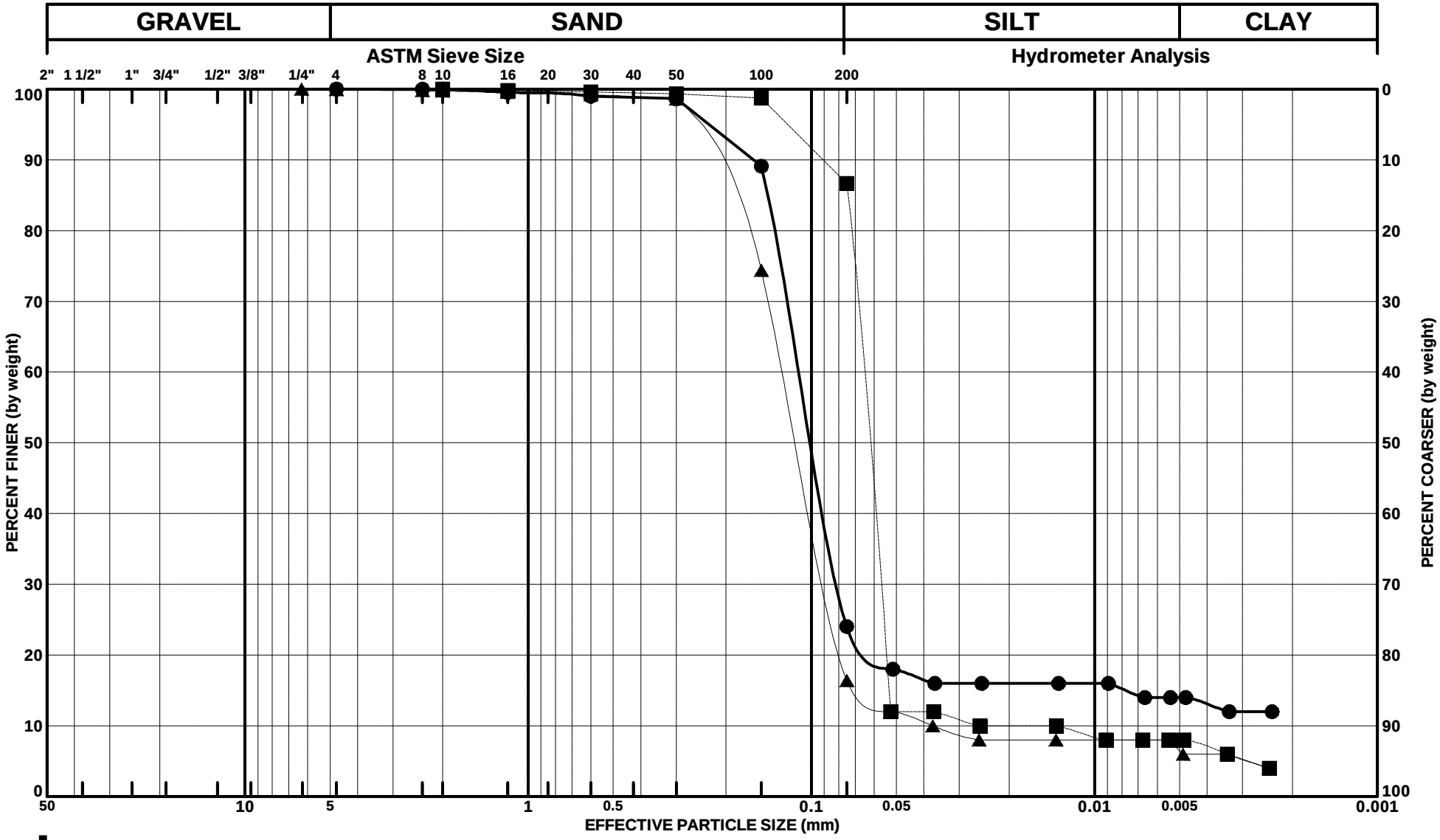
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											
	10											Mudline at 11.0 ft.
		■	0.25 (P) 0.75 (P)	0.15t1	59	62	54	26	28	0.17		Very soft gray CLAY (CH) w/shell fragments
		■	0.25 (P) 1.0 (P)		43							Very soft gray SANDY CLAY (CL) w/shell fragments
	15	☒	5 b/f 5-3-2									Loose gray SILTY SAND (SM)
		☒	11 b/f 2-3-8		30					GS		Firm gray SILTY SAND (SM) w/trace of clay and shell fragments
	20	☒	13 b/f 5-7-6									
	25	☒	6 b/f 2-2-4		47		63	23	40			Medium gray CLAY (CH) w/trace of sand
	30	■		0.50t2	33	83				0.21		
												Boring completed at 31 ft.
	35											
	40											

Ground Water Level Data	Boring Advancement Method	Notes
VS = Vane Shear (ksf) Deck to Water 4 ft. Water to Mudline 11 ft.	4" Dia. Rotary Wash: 11 to 31 ft. **Boring Abandonment Method** Borehole grouted upon completion	t: Unconsolidated, Undrained Triaxial Compression Test t1: Lateral Pressure = 11.2 psi t2: Lateral Pressure = 23.8 psi GS: Particle Size Analysis Gravel = 0%, Sand = 65%, Silt = 25%, Clay = 10% Strata Boundaries May Not Be Exact

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● CS-1	28.5 - 30.0	0.0	76.0	10.1	14.0
■ CS-1	46.0 - 48.0	0.0	13.4	78.6	8.0
▲ CS-1	58.5 - 60.0	0.1	83.5	9.9	6.5



ASTM D422

STE
Soil Testing Engineers, Inc.

Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

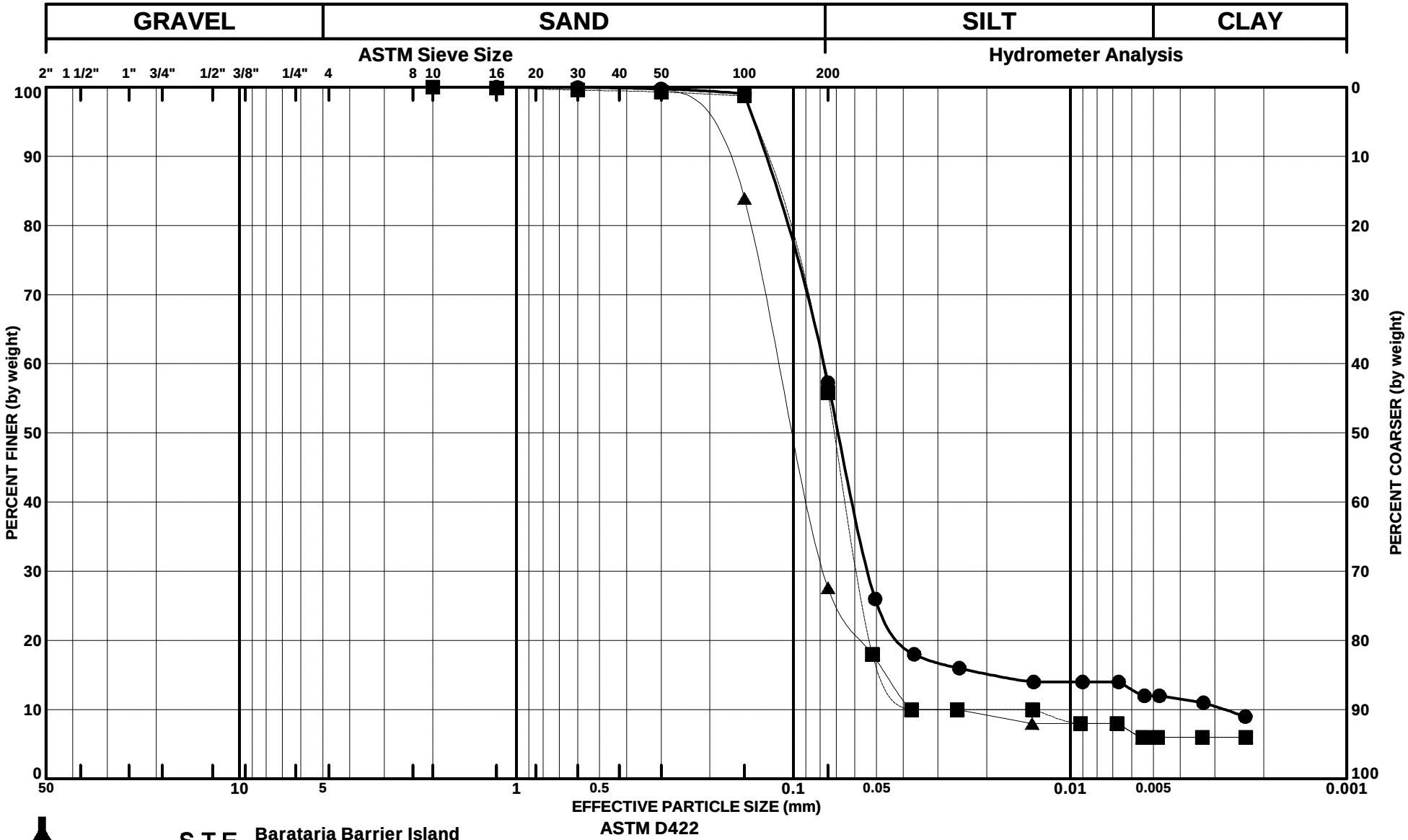
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/11/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● CS-2	4.0 - 6.0	0.0	42.7	45.3	12.0
■ CS-2	10.0 - 12.0	0.0	44.2	49.8	6.0
▲ CS-2	26.0 - 28.0	0.0	72.4	21.6	6.0



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Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

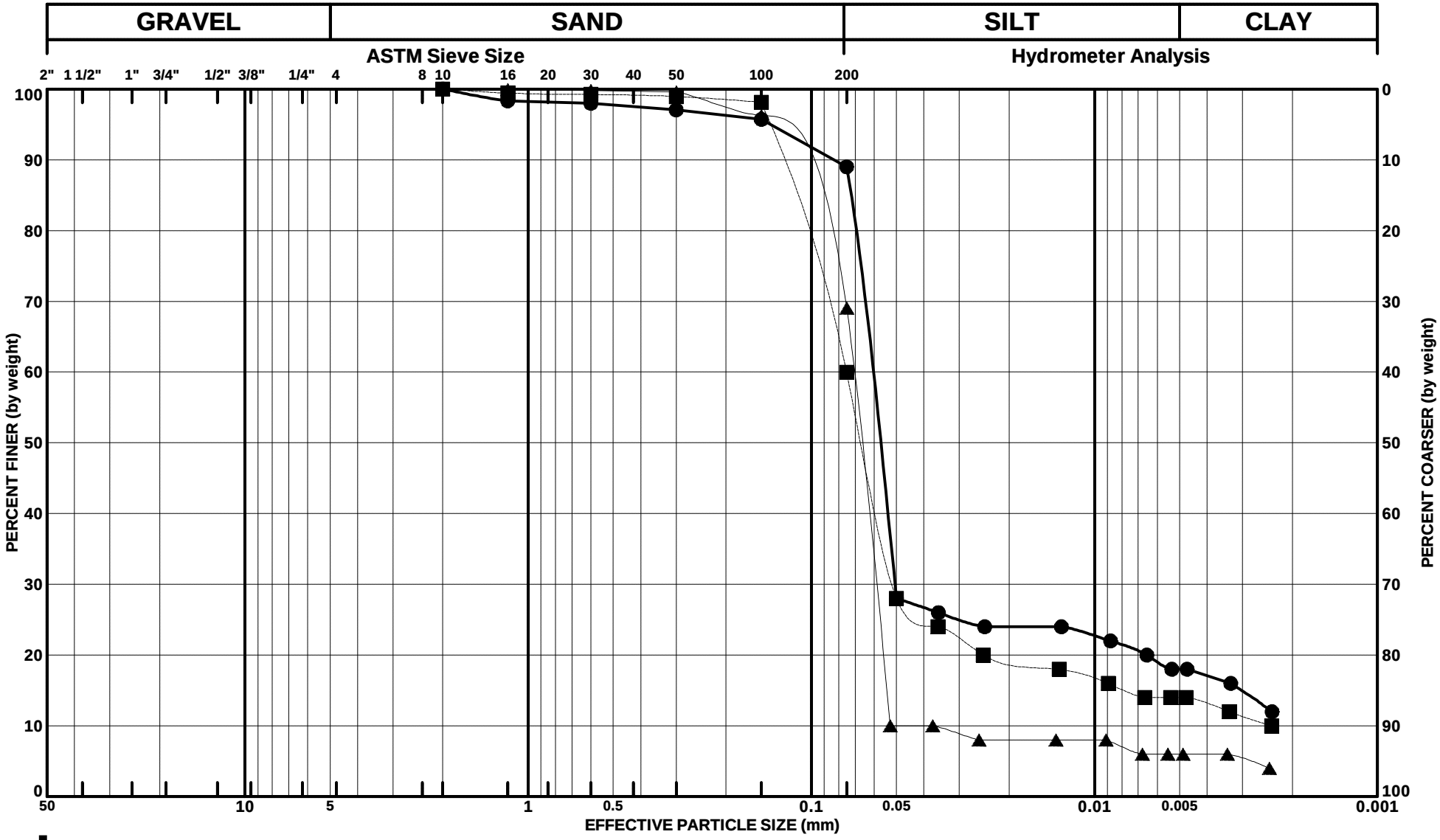
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/29/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● CS-3	16.0 - 18.0	0.0	11.0	71.0	18.0
■ CS-3	20.0 - 22.0	0.0	40.1	45.9	14.0
▲ CS-3	44.0 - 46.0	0.0	30.9	63.1	6.0



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Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

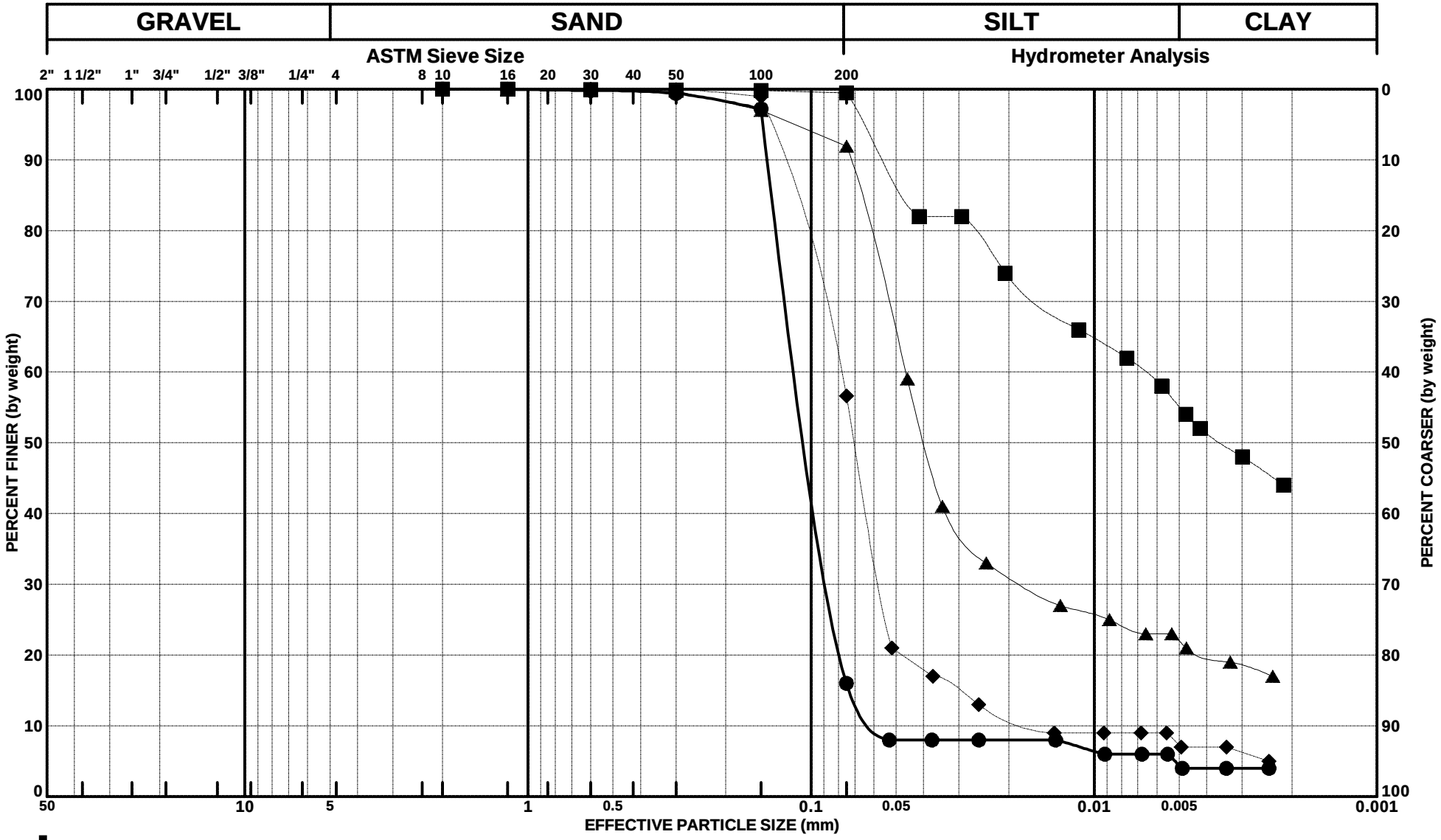
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/11/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● CS-4	16.0 - 18.0	0.0	84.0	11.6	4.4
■ CS-4	24.5 - 26.0	0.0	0.6	44.3	55.1
▲ CS-4	49.0 - 51.0	0.0	8.1	70.0	21.9
◆ CS-4	54.0 - 56.0	0.0	43.4	49.3	7.3



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Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

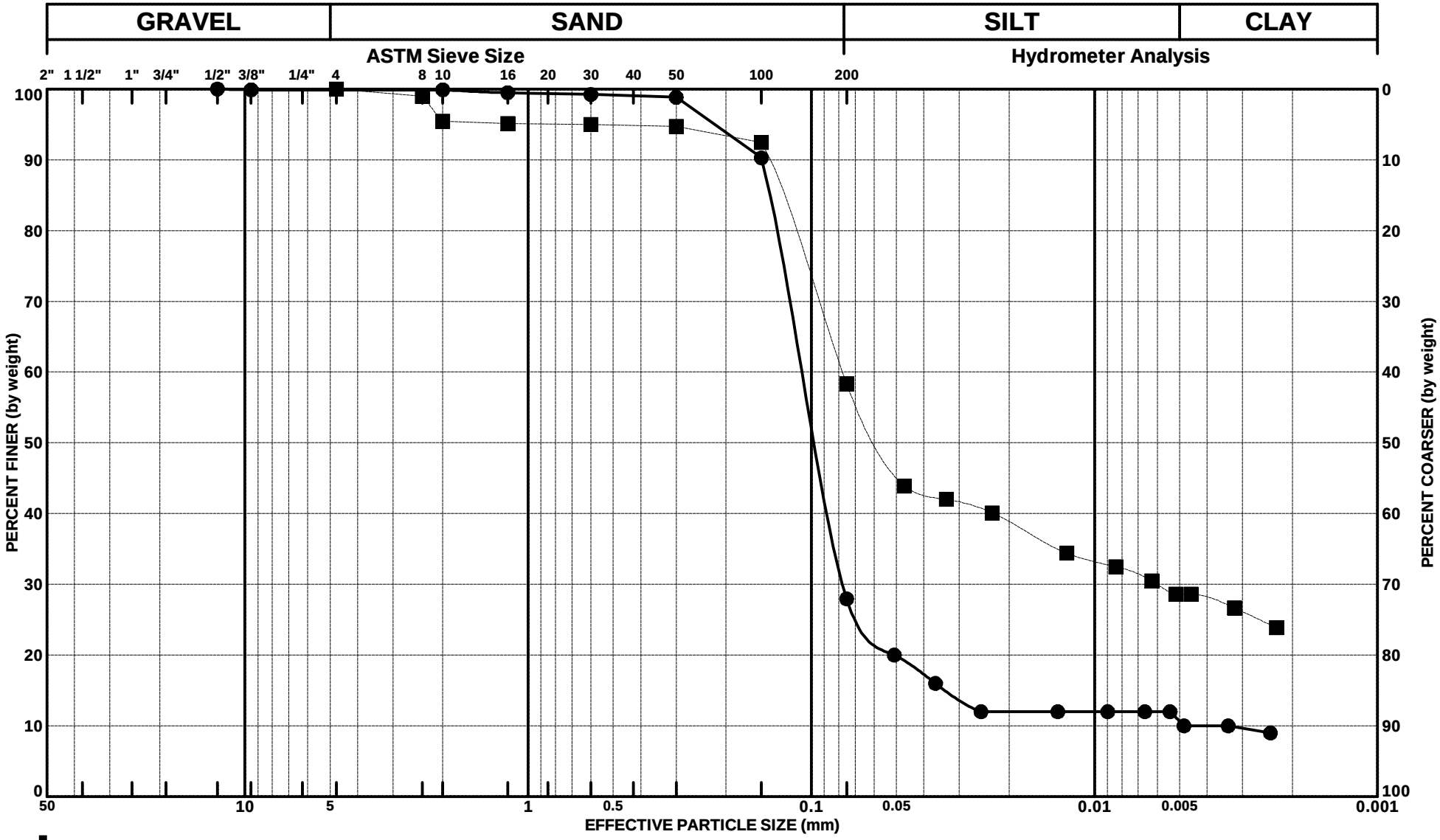
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/12/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● CF-5	2.0 - 4.0	0.1	71.9	17.3	10.6
■ CF-5	6.0 - 8.0	0.0	41.7	29.7	28.6



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Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

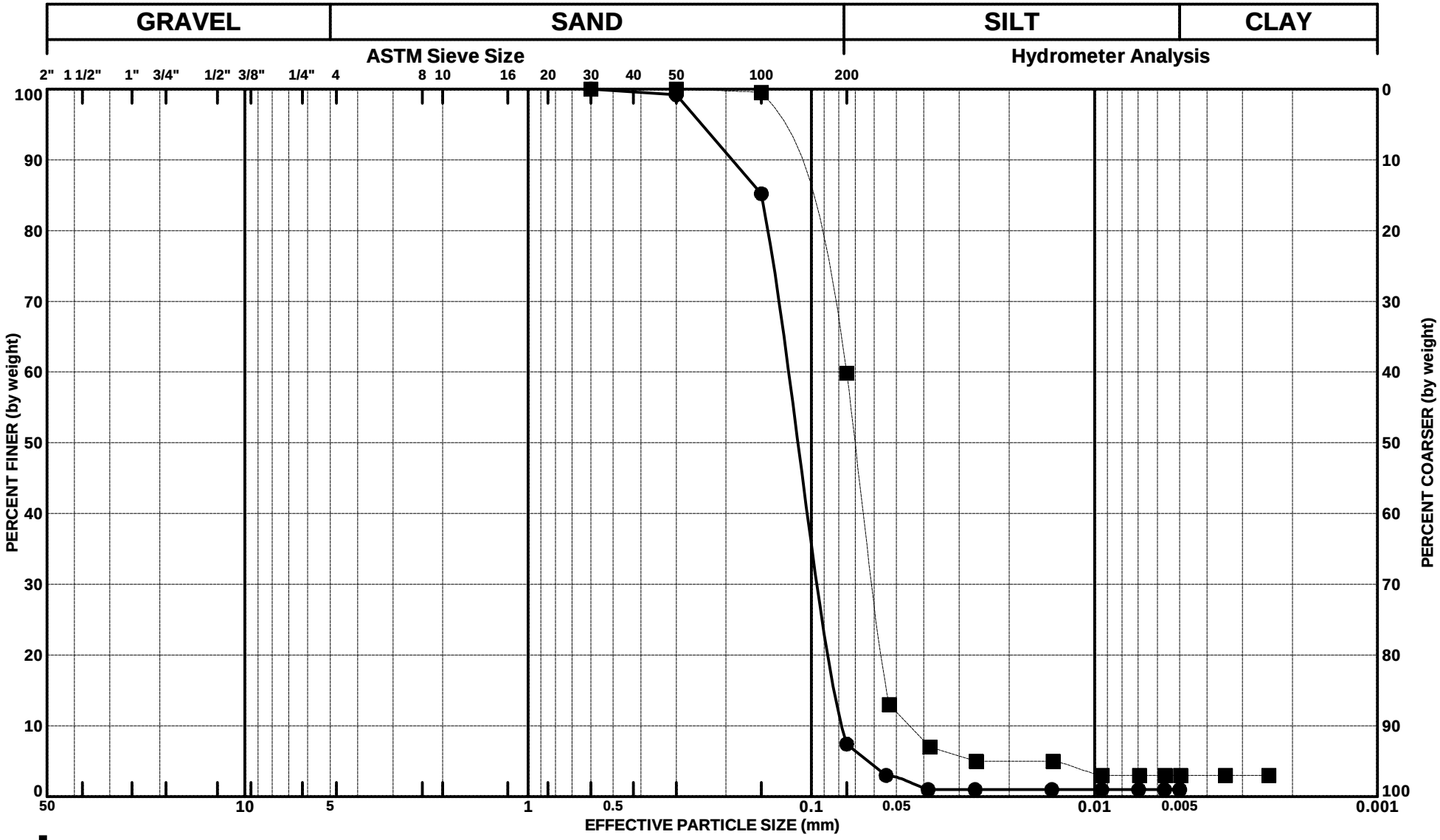
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 10/01/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● CF-6	20.0 - 22.0	0.0	92.6	6.4	1.0
■ CF-6	29.5 - 31.0	0.0	40.2	56.8	3.0



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Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

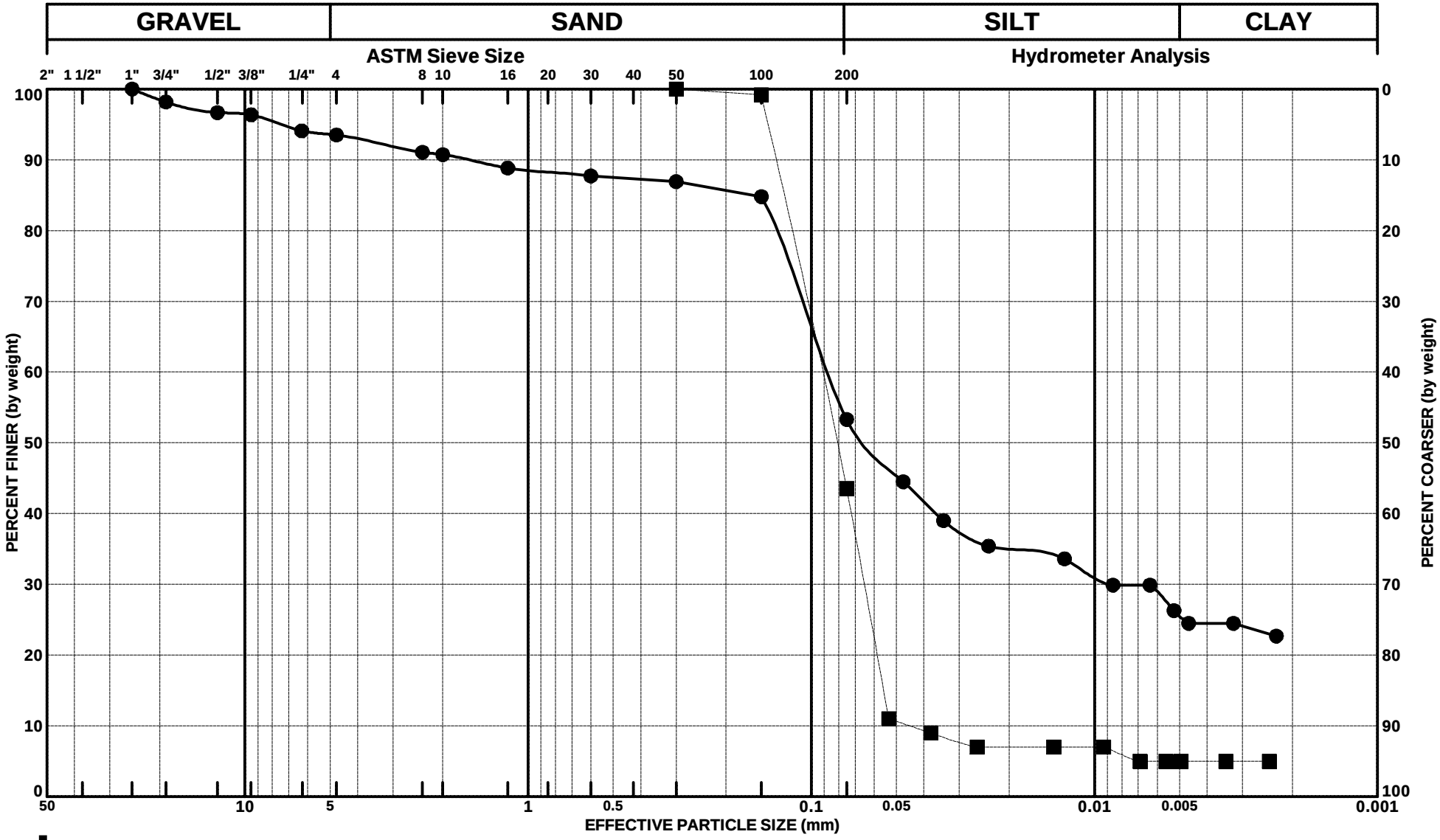
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/12/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● CF-7	12.0 - 14.0	6.5	40.2	27.7	25.6
■ CF-7	16.0 - 18.0	0.0	56.4	38.6	5.0



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Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

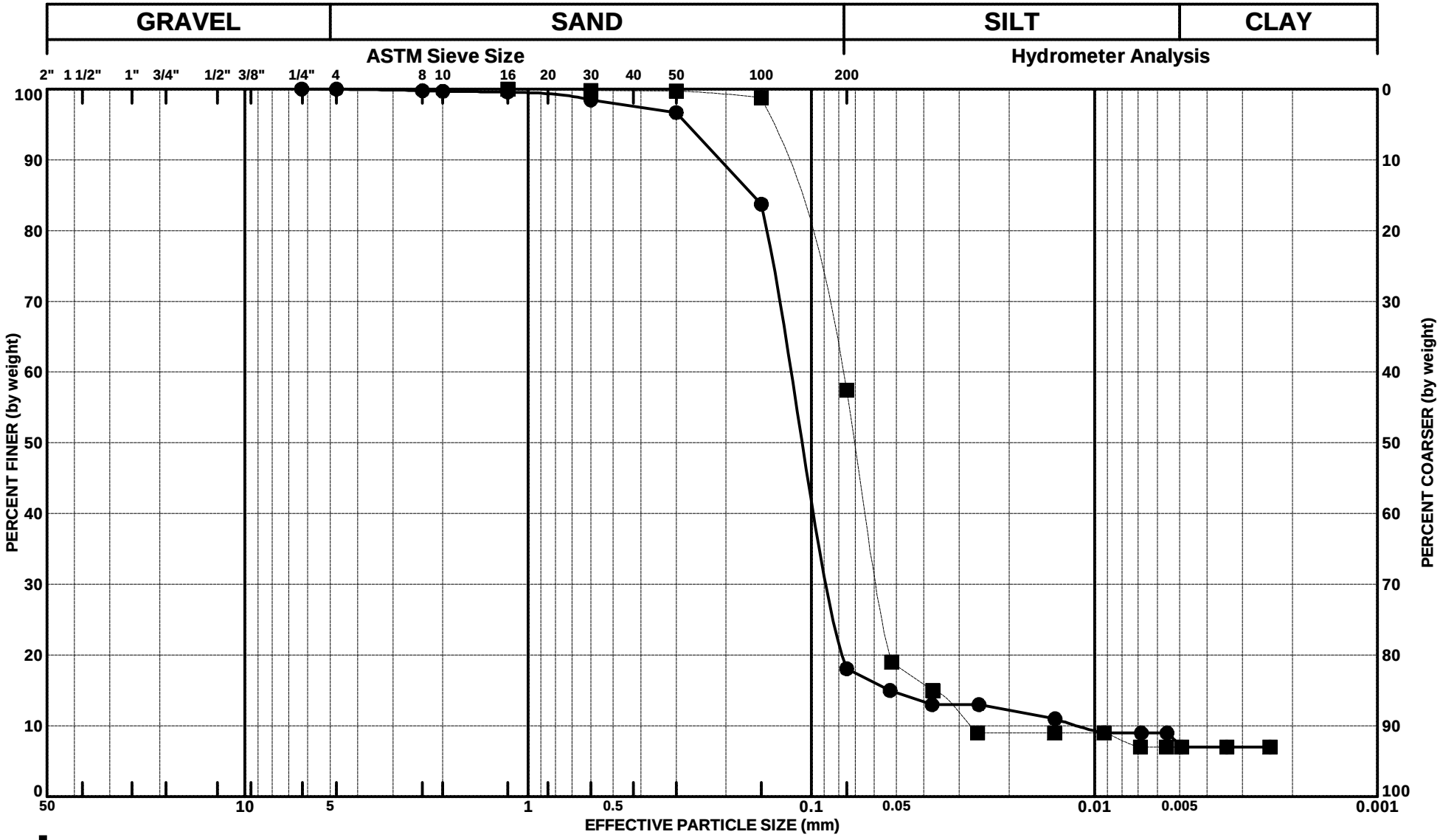
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/12/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● CF-8	16.0 - 18.0	0.0	81.9	10.8	7.3
■ CF-8	29.5 - 31.0	0.0	42.6	50.4	7.0



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Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

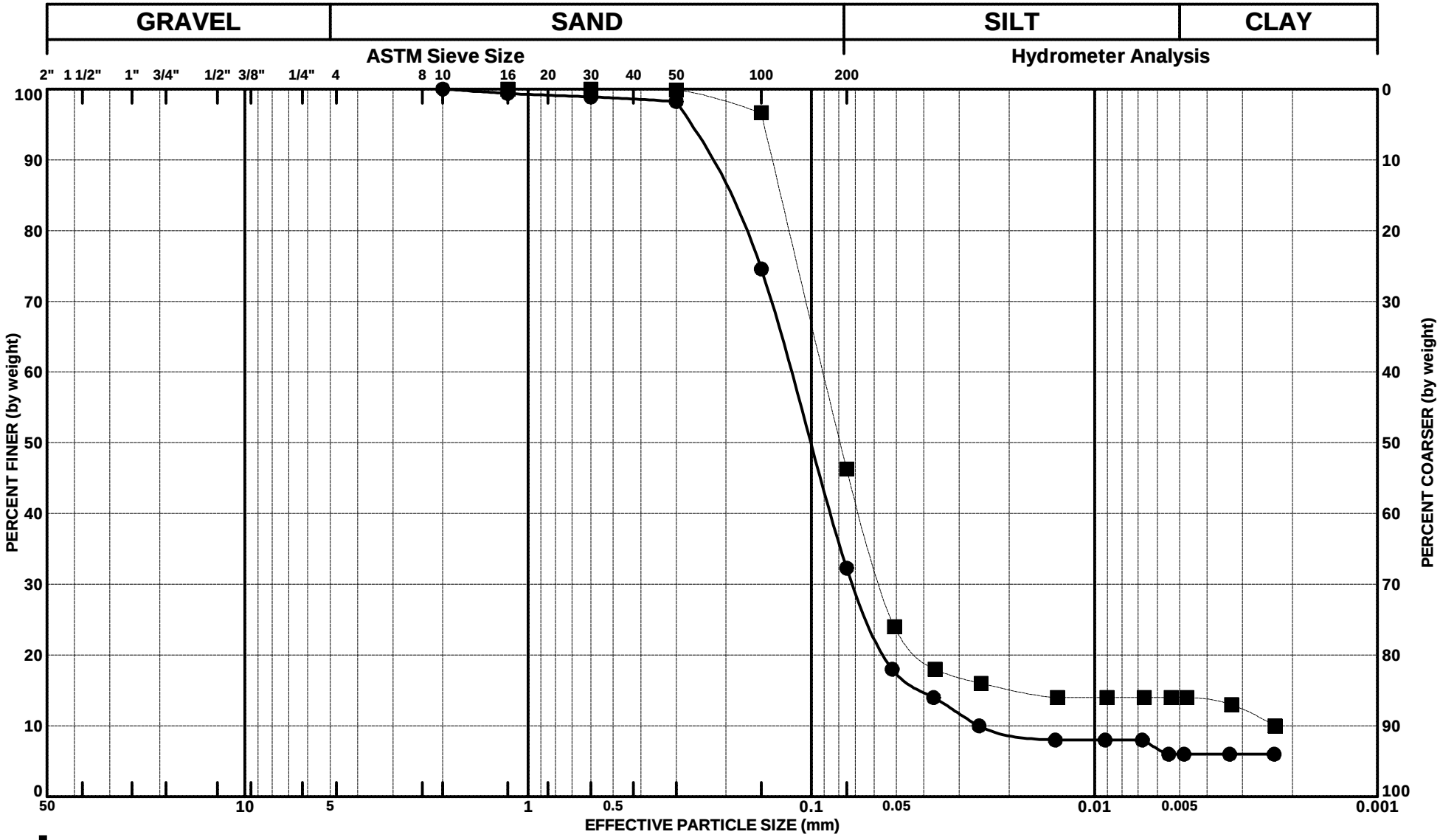
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/12/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● C-9	4.0 - 6.0	0.0	67.7	26.3	6.0
■ C-9	8.0 - 10.0	0.0	53.7	32.3	14.0



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Soil Testing Engineers, Inc.

Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

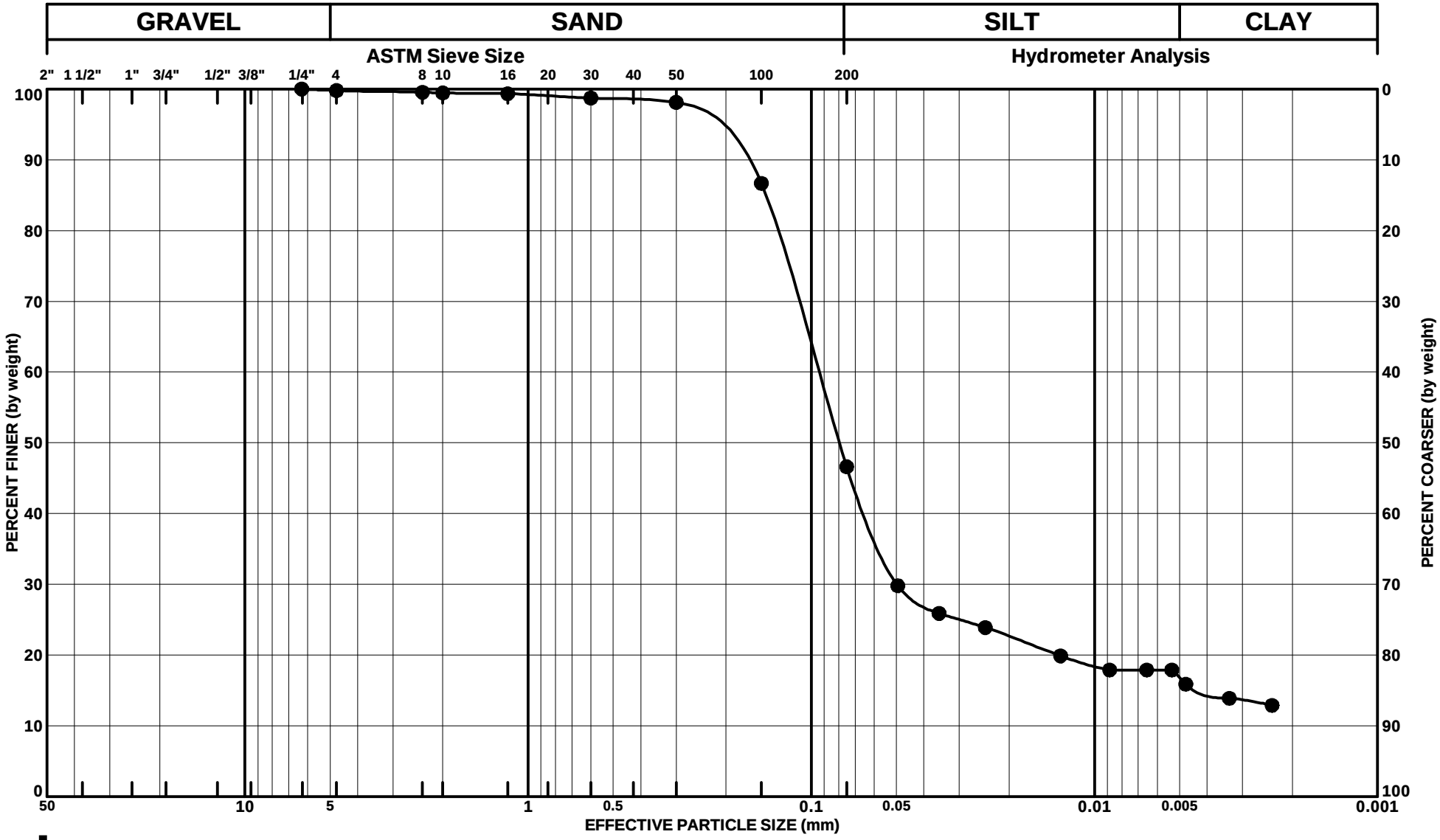
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/29/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● C-10	4.0 - 6.0	0.2	53.2	29.9	16.8



ASTM D422

GRAIN SIZE ANALYSIS

STE
Soil Testing Engineers, Inc.

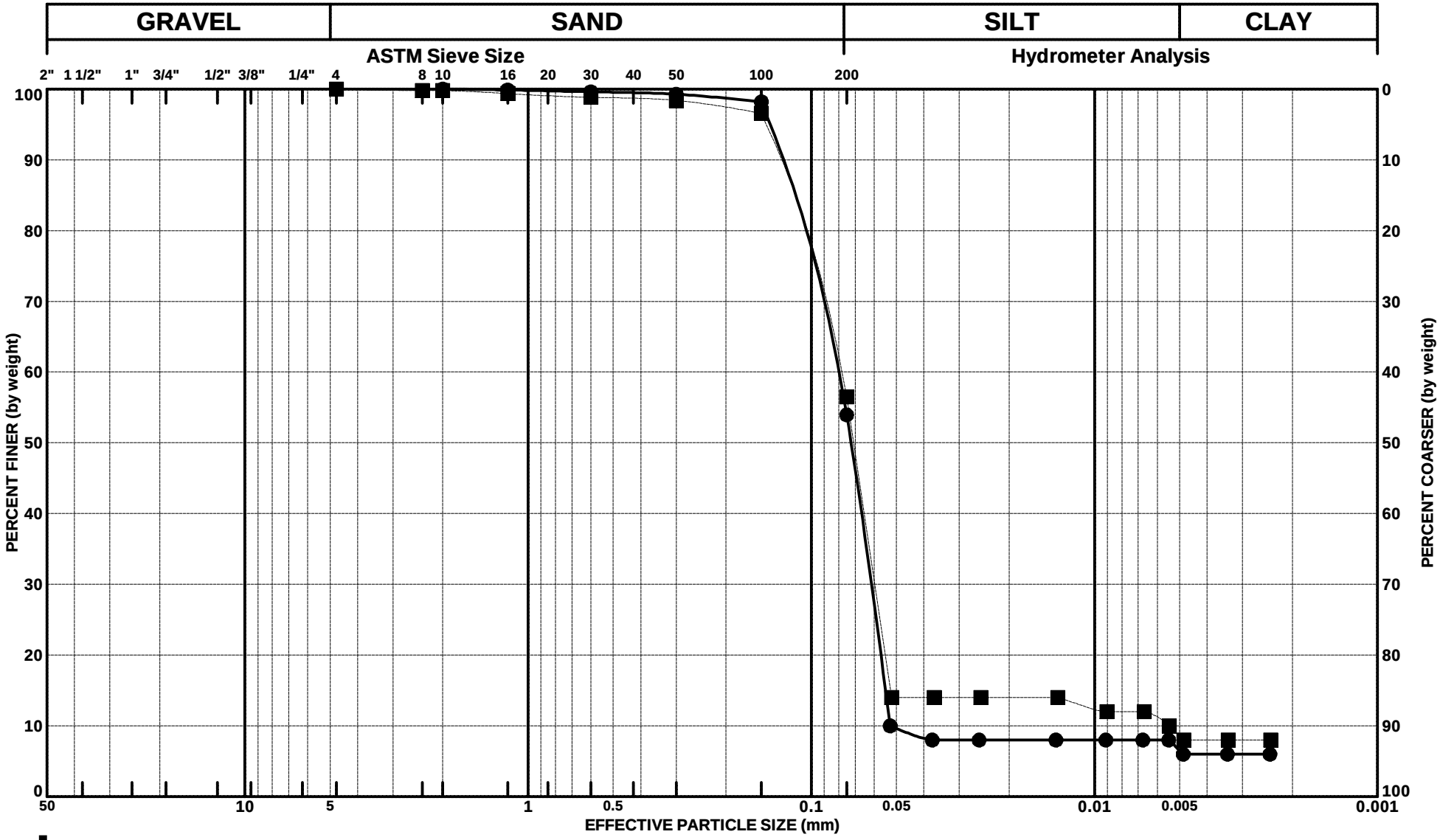
Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

File No.: 03-1114
Date: 10/01/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● Q-1	18.0 - 20.0	0.0	46.1	47.5	6.5
■ Q-1	24.5 - 26.0	0.0	43.5	47.9	8.6



ASTM D422

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Soil Testing Engineers, Inc.

Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

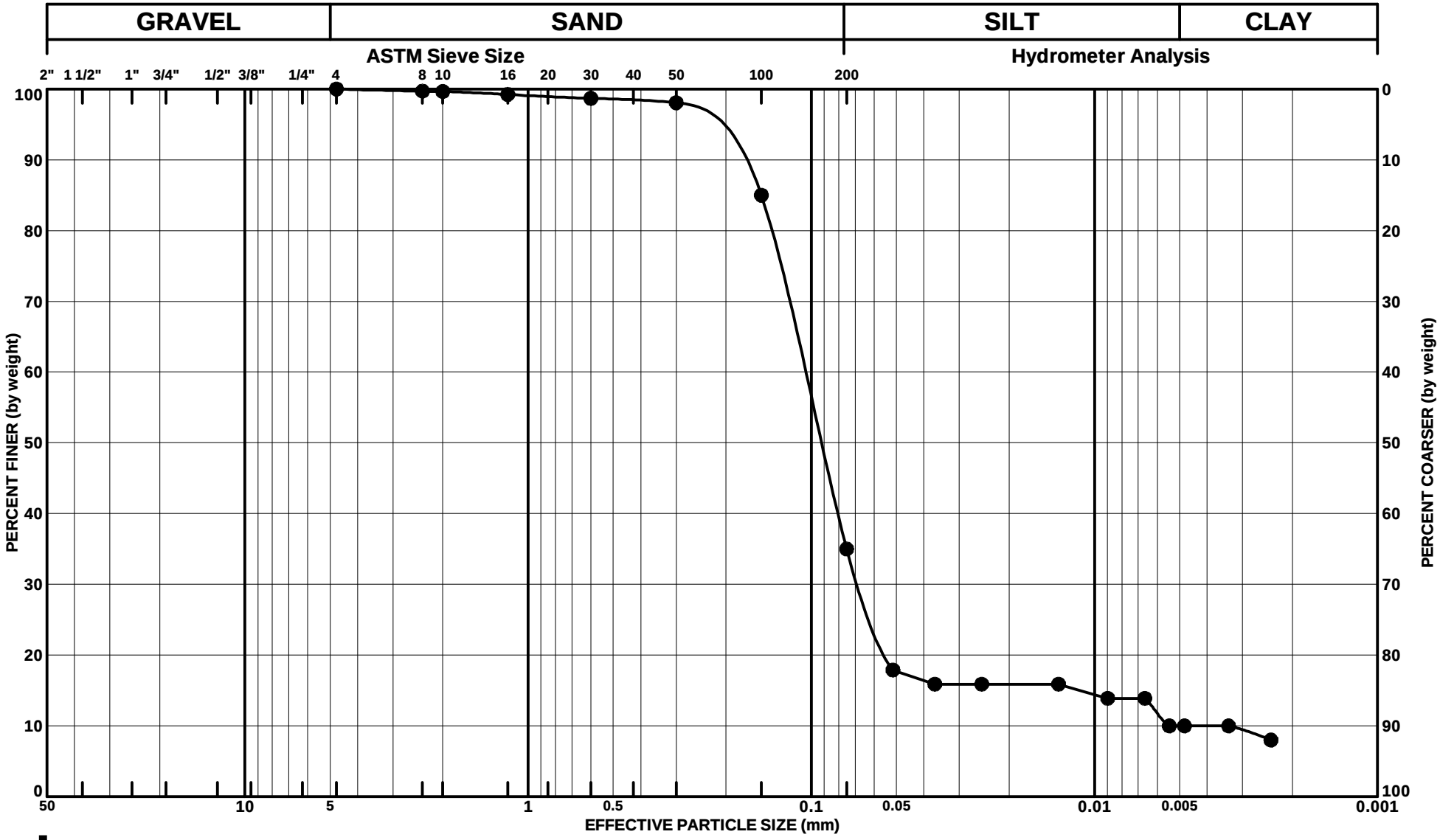
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/11/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● Q-2	21.5 - 23.0	0.0	65.0	25.0	10.0



ASTM D422

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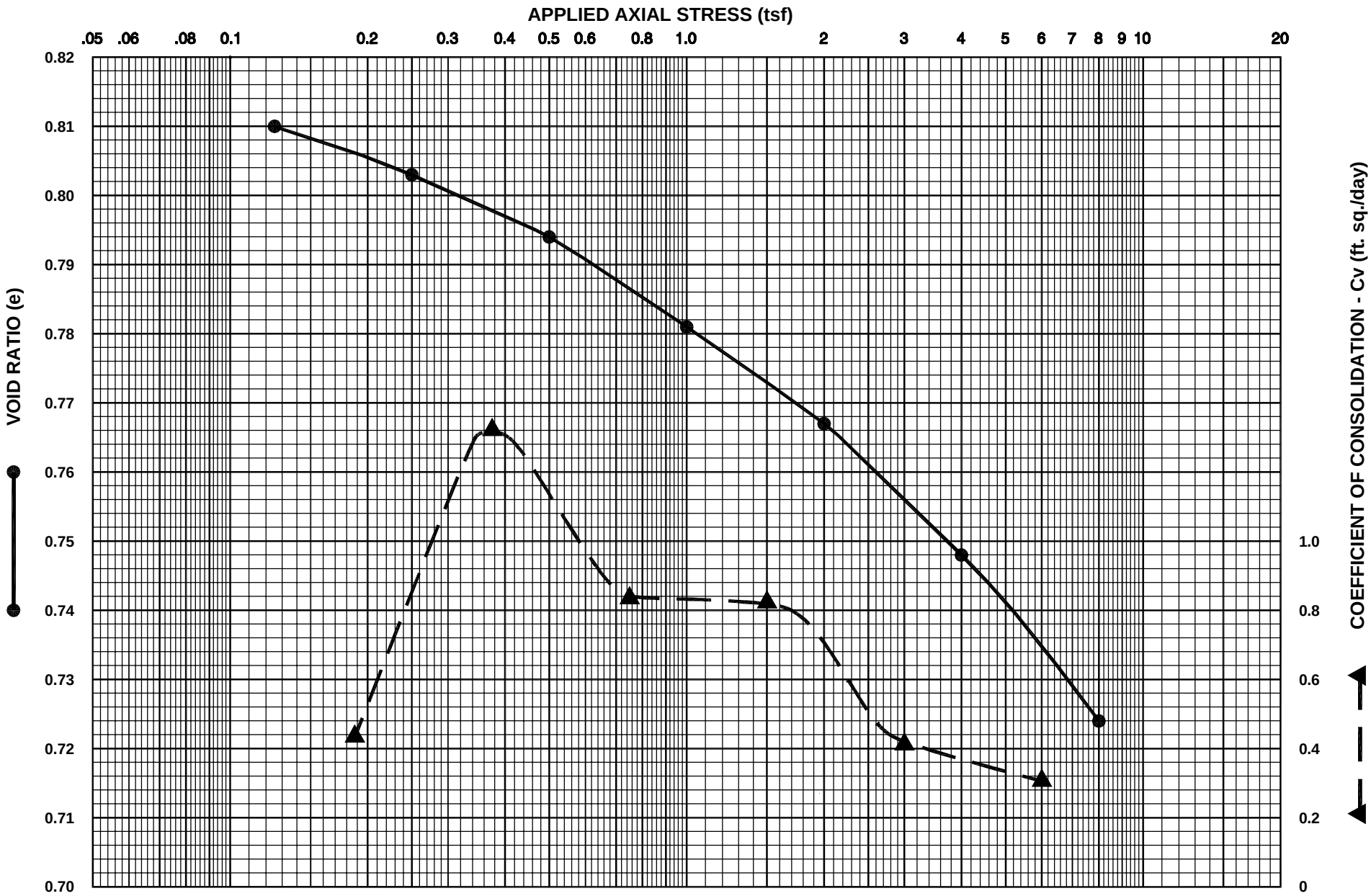
Soil Testing Engineers, Inc.

Barataria Barrier Island Restoration Complex Project BA-38 (Chaland Headland)

GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/11/2003

GRAINSZ 031114C.GPJ GRAINSZ.GDT 10/29/03



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: CS-1
DEPTH (feet): 36-38
MATERIAL: Gray SANDY SILT

FILE NO.: 03-1114

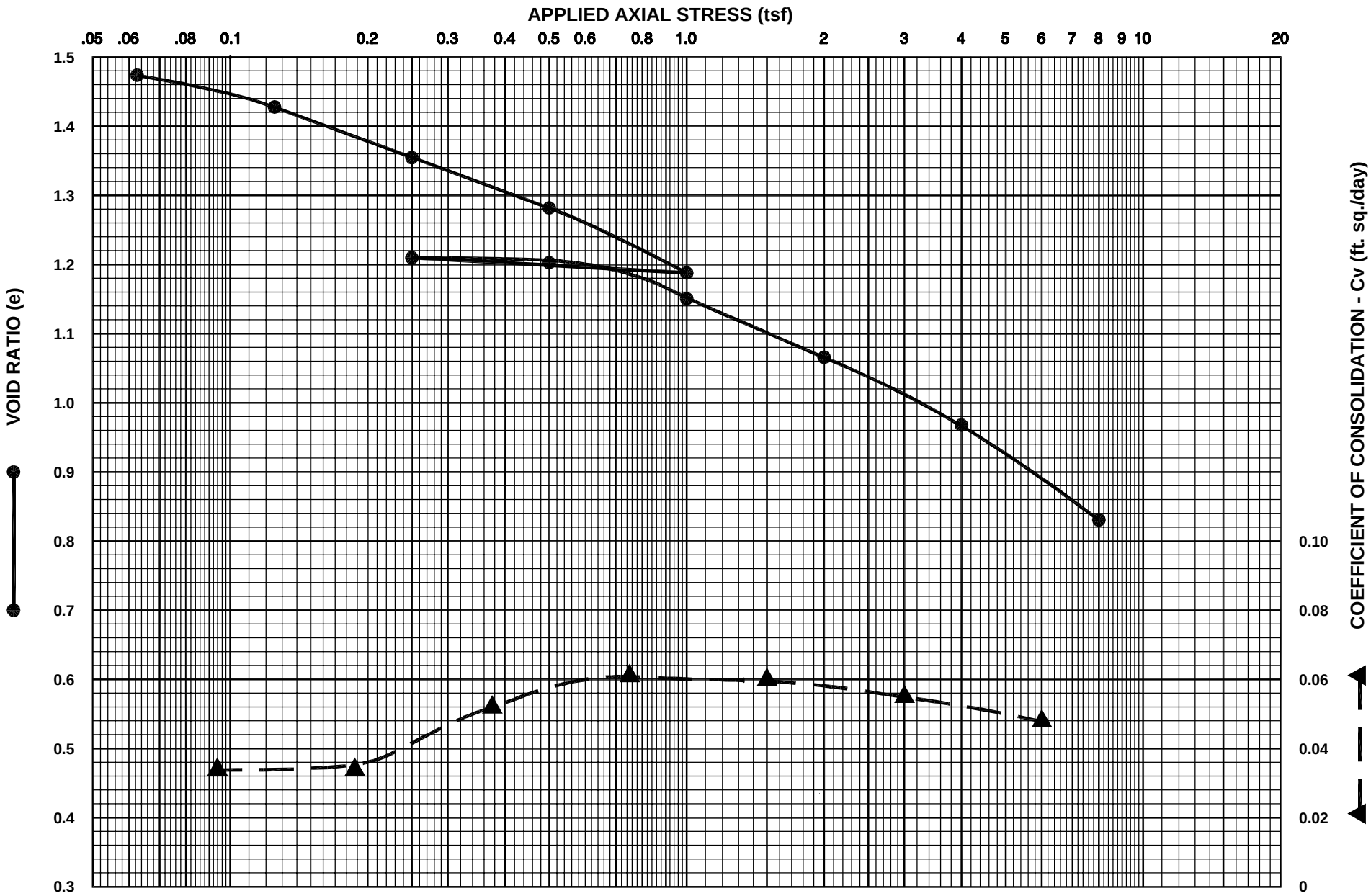
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	30.2
INITIAL DRY DENSITY (lbs./cu.ft.) =	88.7
FINAL MOISTURE CONTENT (%) =	31.9

FIGURE NO.:

Eo = 0.822 Gs = 2.59



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: CS-2
DEPTH (feet): 16-18
MATERIAL: Gray SILTY CLAY

FILE NO.: 03-1114

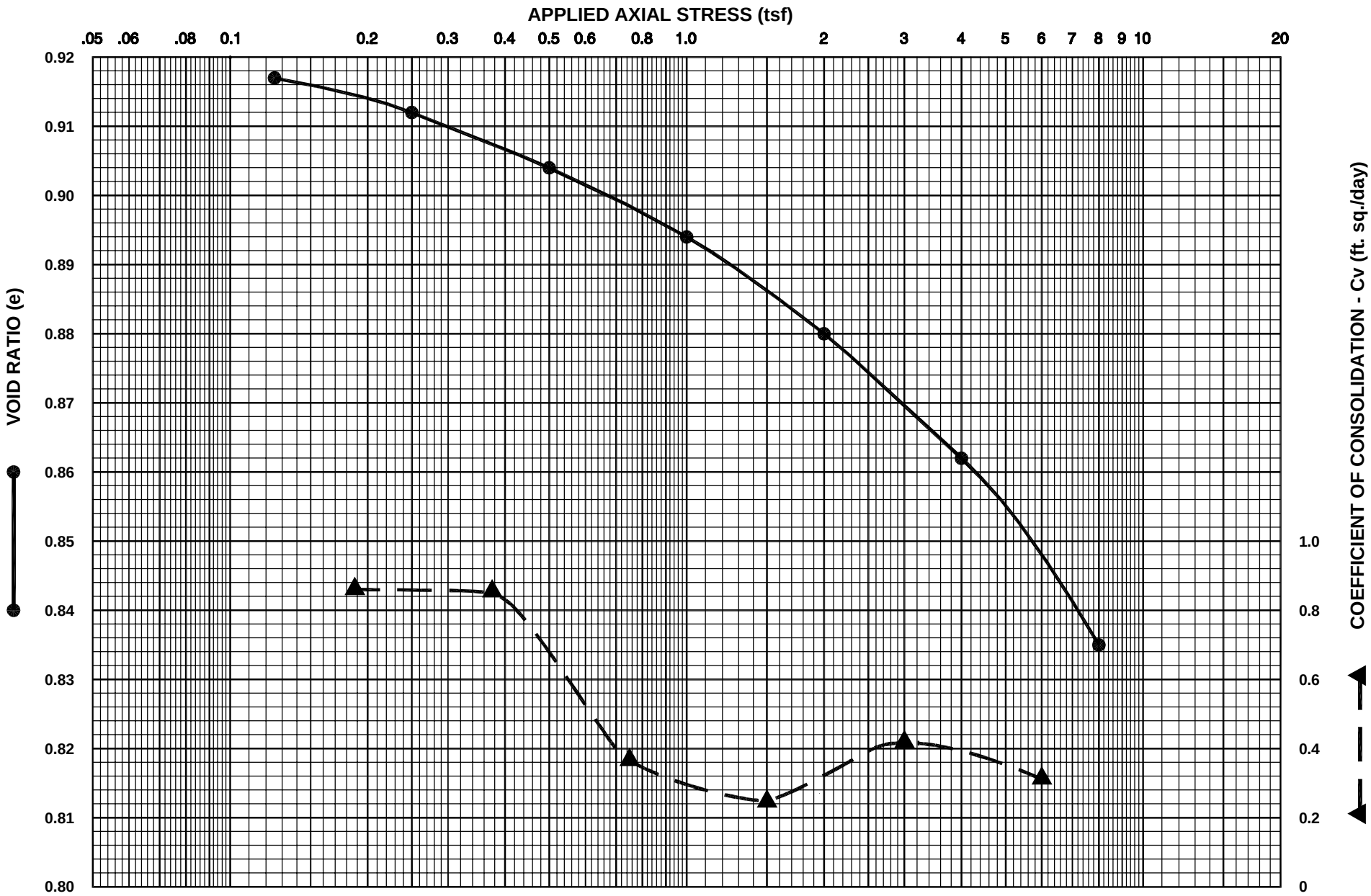
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	51.3	LL = 28
INITIAL DRY DENSITY (lbs./cu.ft.) =	68.0	PL = 17
FINAL MOISTURE CONTENT (%) =	33.9	PI = 11

FIGURE NO.:

Eo = 1.217 Gs = 2.66



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: CS-3
DEPTH (feet): 10-12
MATERIAL: Gray SILTY SAND w/clay seams
FILE NO.: 03-1114

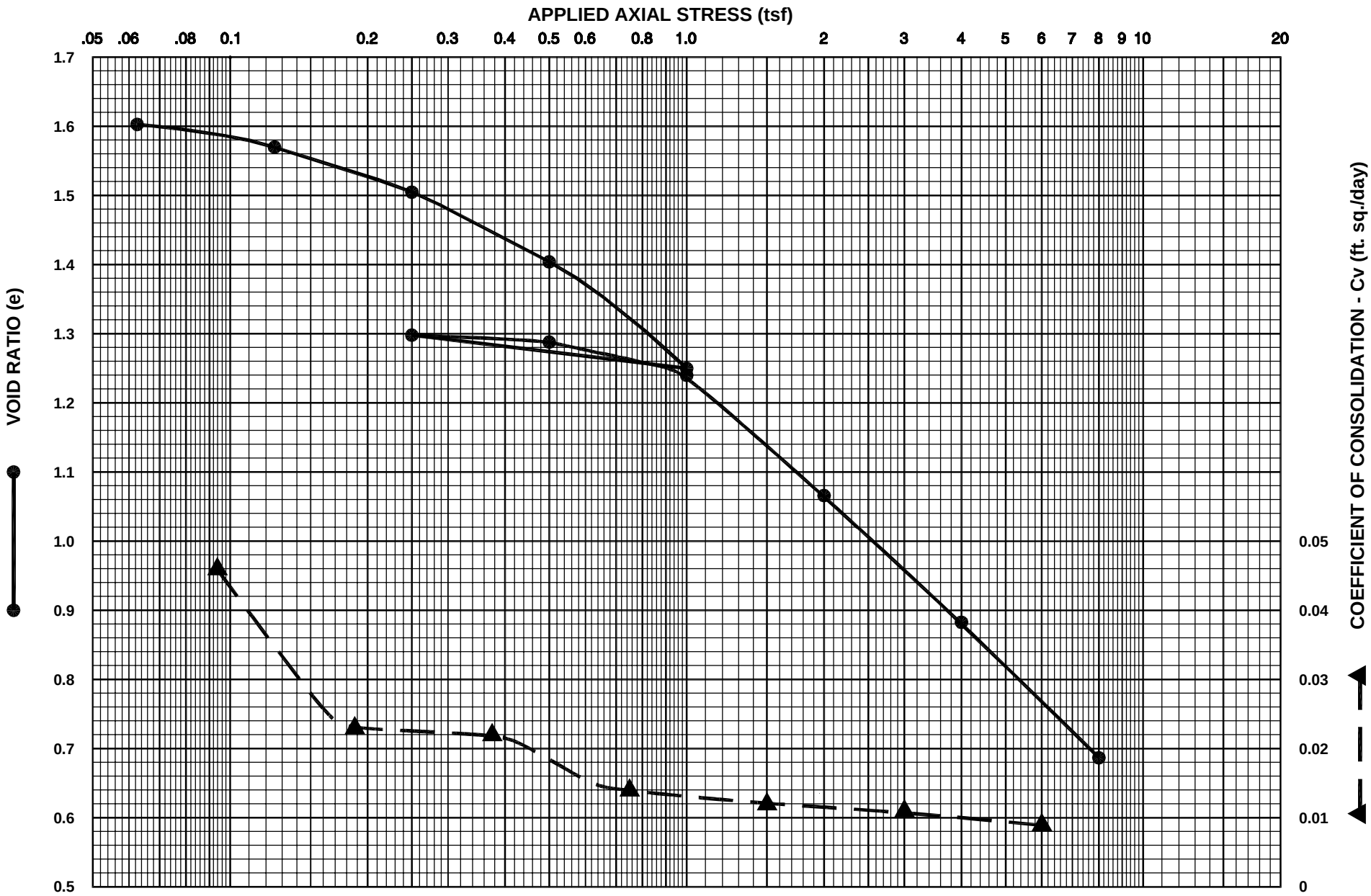
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) = 37.9
INITIAL DRY DENSITY (lbs./cu.ft.) = 86.1
FINAL MOISTURE CONTENT (%) = 29.8

FIGURE NO.:

Eo = 0.921 Gs = 2.65



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: CS-4
DEPTH (feet): 29-31
MATERIAL: Gray CLAY

FILE NO.: 03-1114

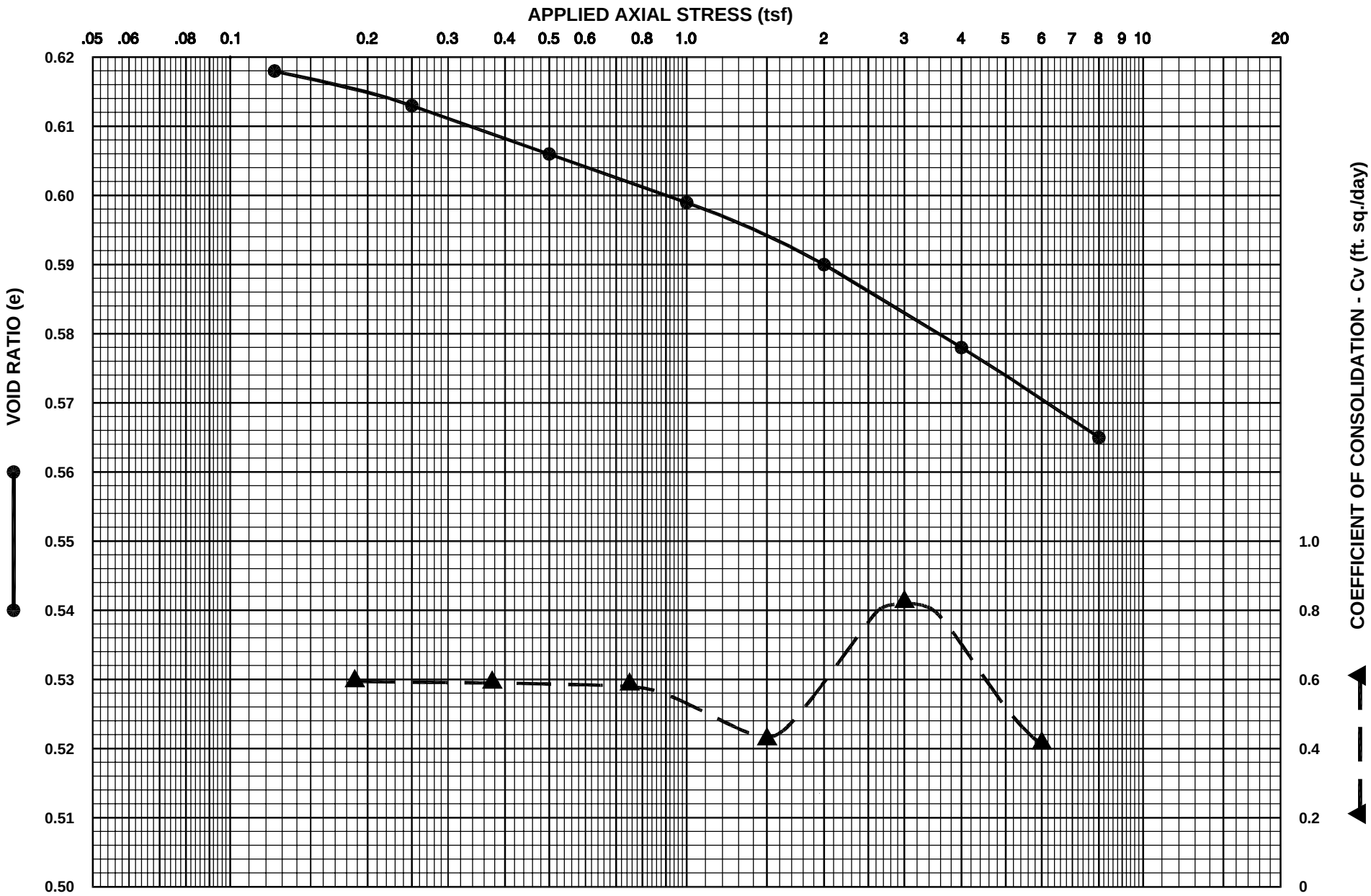
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	53.3	LL = 74
INITIAL DRY DENSITY (lbs./cu.ft.) =	61.8	PL = 26
FINAL MOISTURE CONTENT (%) =	40.9	PI = 48

FIGURE NO.:

Eo = 1.625 Gs = 2.6



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: CF-7
DEPTH (feet): 8-10
MATERIAL: Gray SILTY SAND

FILE NO.: 03-1114

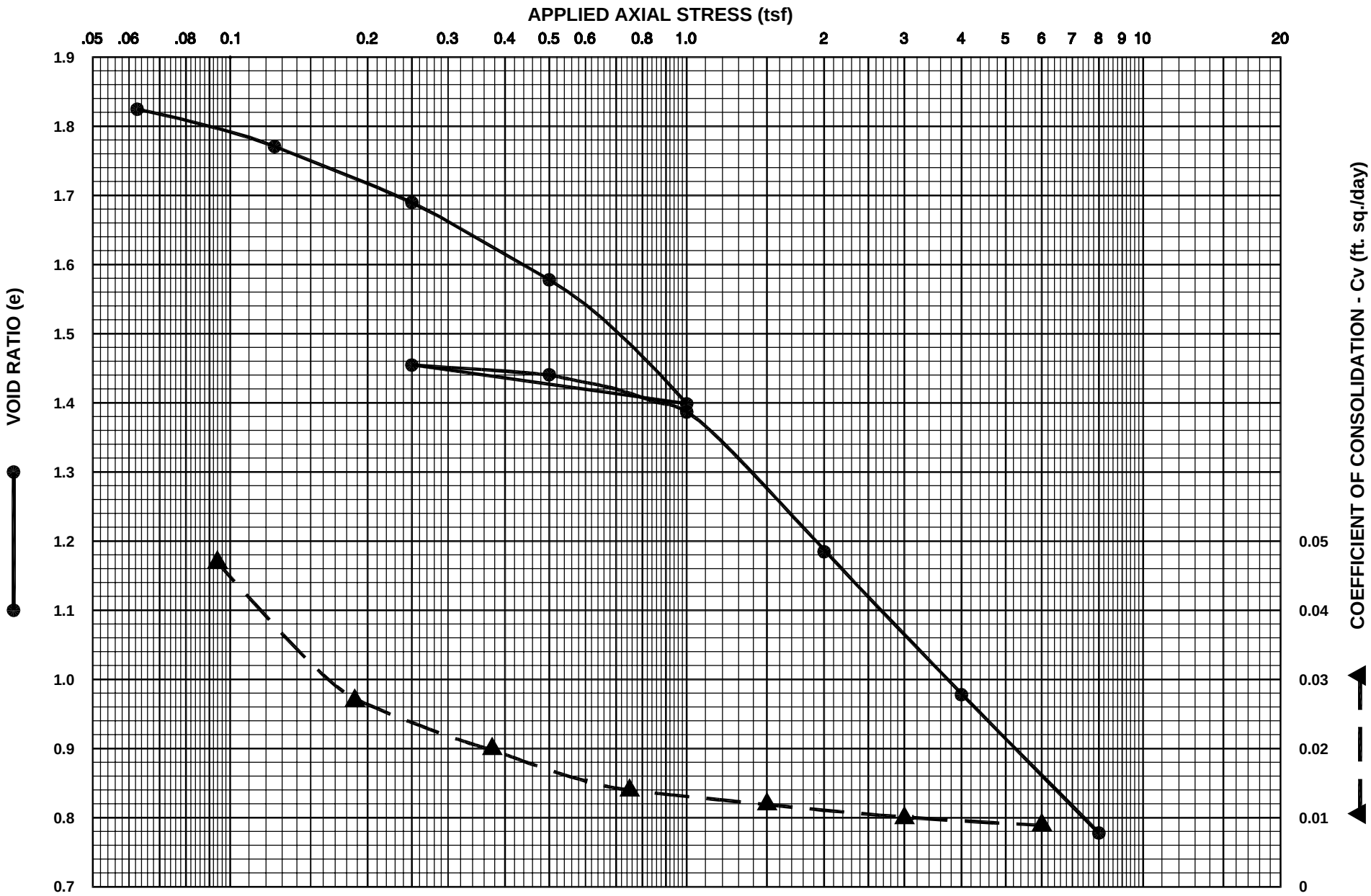
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) = 24.8
INITIAL DRY DENSITY (lbs./cu.ft.) = 101.4
FINAL MOISTURE CONTENT (%) = 21.8

FIGURE NO.:

Eo = 0.625 Gs = 2.64



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: CF-7
DEPTH (feet): 19-21
MATERIAL: Gray CLAY w/sand seams
FILE NO.: 03-1114

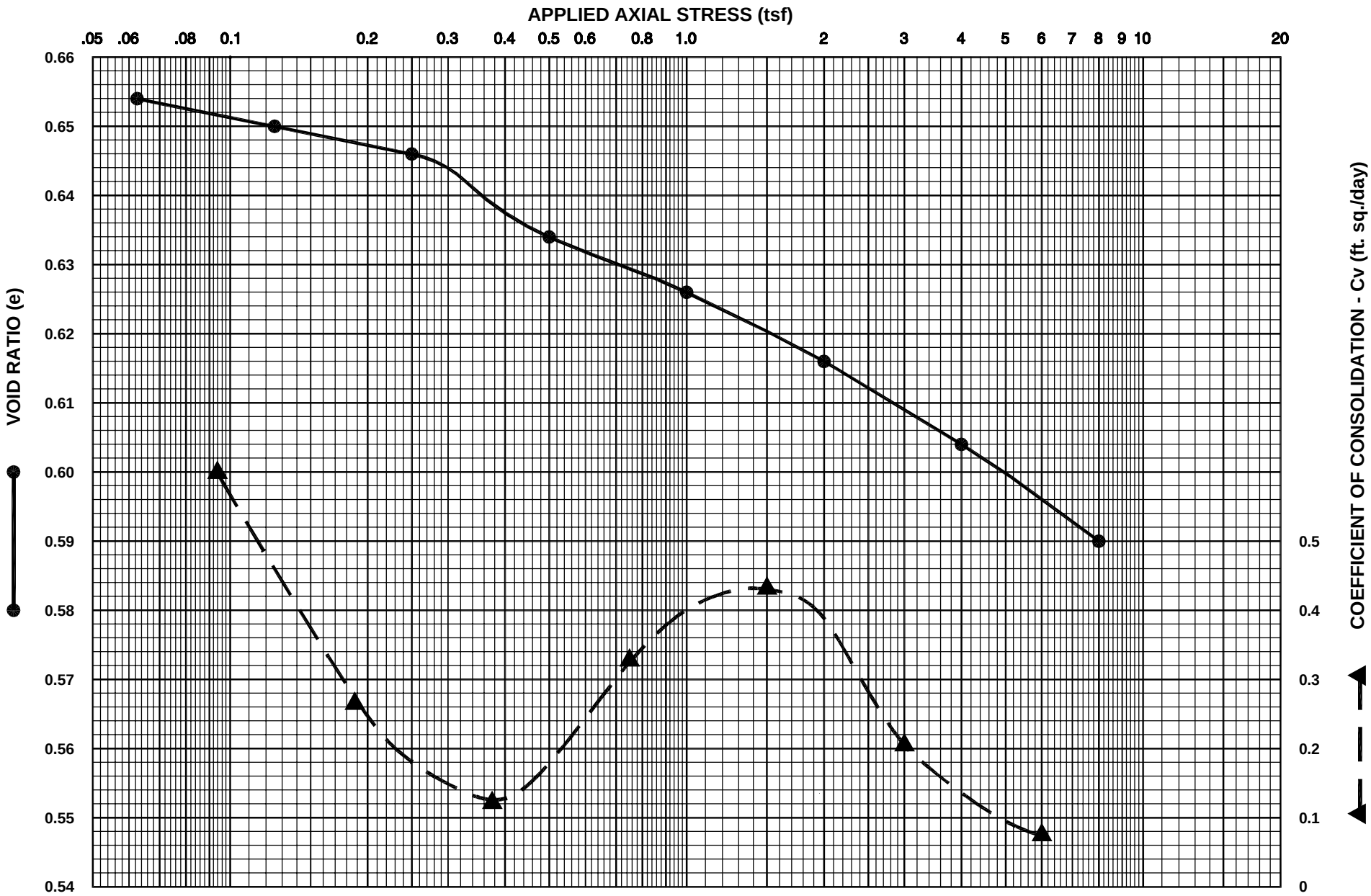
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	63.0	LL = 63
INITIAL DRY DENSITY (lbs./cu.ft.) =	56.7	PL = 26
FINAL MOISTURE CONTENT (%) =	40.9	PI = 37

FIGURE NO.:

Eo = 1.863 Gs = 2.6



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: C-9
DEPTH (feet): 8-10
MATERIAL: Gray SILTY SAND

FILE NO.: 03-1114

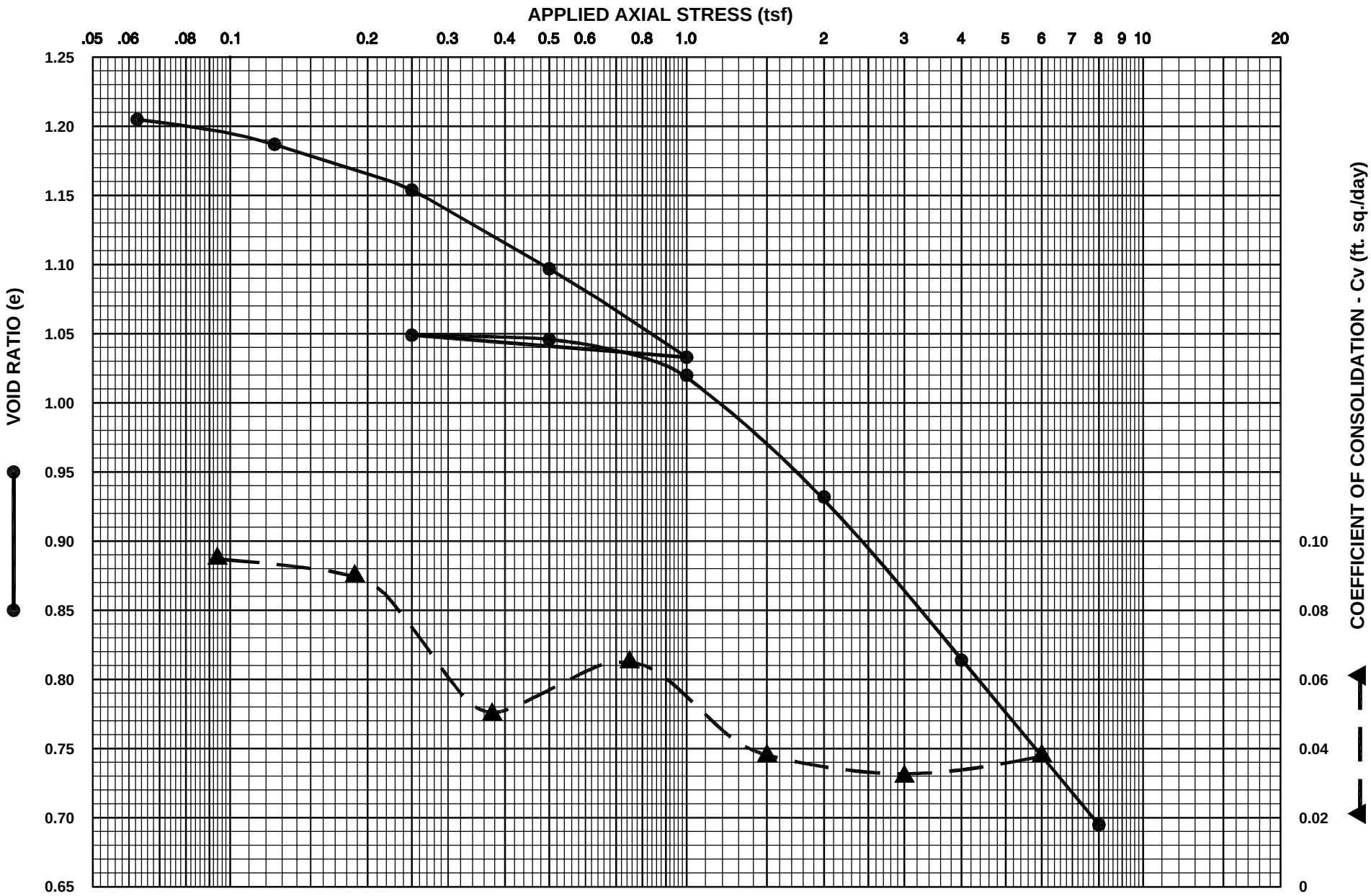
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) = 23.3
INITIAL DRY DENSITY (lbs./cu.ft.) = 99.4
FINAL MOISTURE CONTENT (%) = 21.6

FIGURE NO.:

Eo = 1.217 Gs = 2.66



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: C-9
DEPTH (feet): 41-43
MATERIAL: Gray SANDY CLAY

FILE NO.: 03-1114

STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	44.0	LL = 54
INITIAL DRY DENSITY (lbs./cu.ft.) =	74.9	PL = 18
FINAL MOISTURE CONTENT (%) =	31.9	PI = 36

FIGURE NO.:

Eo = 1.217 Gs = 2.66

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING PS-1

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/24/03
Logged by: K. Moody
Driller: oMNI
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 2

LELAP Certificate No. 02052

Location: Lat. 29° 15' 26.3"
Long. 89° 36' 10.9"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
												Mudline at 3.0 ft.
			0.25 (P)		137		149	31	118	0.19		Very soft gray ORGANIC CLAY (OH)
	5		0.5 (P)	0.10t1	127	41	63	19	44	0.15 CS,SG		-- w/peat and vertical sand seams at 5 to 7 ft.
			0.25 (P)							0.15		
	10		0.25 (P)	0.08t2	103	41	138	33	105			-- w/sand seams at 9 to 11 ft.
			0.25 (P)									
	15											Very soft gray CLAY (CH)
			0.25 (P)							0.13		
	20											
			0.25 (P)	0.10t3	60	61	65	29	36	0.19		
	25											
			0.25 (P)							0.19		
	30											
			0.25 (P)	0.18t4	62	68				0.21		
	35											
			0.25 (P)							0.21		
	40											

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 3 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
3 to 43 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 5.6 psi
t2: Lateral Pressure = 8.4 psi
t3: Lateral Pressure = 16.8 psi
t4: Lateral Pressure = 23.8 psi
CS: See Consolidation Curve
SG: Specific Gravity = 2.55

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING PS-1

STE
Soil Testing Engineers, Inc.

Sheet 2 of 2

File: 03-1114
Date: 09/24/03
Logged by: K. Moody
Driller: oMNI
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 15' 26.3"
Long. 89° 36' 10.9"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
			0.25 (P)	0.17t5	64	61				0.19		Very soft gray CLAY (CH)
	45											Boring completed at 43 ft.
	50											
	55											
	60											
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 3 to 43 ft.	t: Unconsolidated, Undrained Triaxial Compression Test t5: Lateral Pressure = 30.8 psi
	Boring Abandonment Method Borehole grouted upon completion	Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

C-K Associates, Inc.
Baton Rouge, LA

LOG OF SOIL BORING PS-2

STE
Soil Testing Engineers, Inc.

Sheet 1 of 2

LELAP Certificate No. 02052

File: 03-1114
Date: 09/26/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

Location: Lat. 29° 15' 00.7"
Long. 89° 34' 59.5"
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water Mudline at 2.0 ft.
			0.25 (P)							0.14		Very soft dark gray ORGANIC CLAY (OH) -- w/peat and shells at 2 to 4 ft.
	5		0.25 (P)	0.07t1	129	36	128	30	98			
			0.25 (P)							0.11		
			0.25 (P)	0.09t2	93	43	156	46	110	0.31		-- w/peat layer at 9 ft.
	10		0.0 (P)							0.11		
	15		0.0 (P)	0.08t3	102	44				0.13		
	20		0.0 (P)	0.10t4	61	63				0.10		Very soft gray CLAY (CH) w/1-inch silt and sand layers
	25		0.5 (P)		38		33	19	14	0.19 CS,SG		Loose gray CLAYEY SILT (ML)
	30		0.5 (P)							0.21		Very soft gray CLAY (CH) -- w/silt seams at 31 to 33 ft.
	35		0.25 (P)	0.14t5	65	58				0.19		
	40											

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 2 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
2 to 43 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 4.9 psi
t2: Lateral Pressure = 7.7 psi
t3: Lateral Pressure = 13.8 psi
t4: Lateral Pressure = 16.8 psi
t5: Lateral Pressure = 27.3 psi
CS: See Consolidation Curve
SG: Specific Gravity = 2.67

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING PS-2

STE
Soil Testing Engineers, Inc.

Sheet 2 of 2

LELAP Certificate No. 02052

File: 03-1114
Date: 09/26/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

Location: Lat. 29° 15' 00.7"
Long. 89° 34' 59.5"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
			0.0 (P)		113					0.06		Very soft gray ORGANIC CLAY (OH) w/peat
	45											Boring completed at 43 ft.
	50											
	55											
	60											
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 2 to 43 ft.	
	Boring Abandonment Method Borehole grouted upon completion	

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING PS-3

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/10/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 2

LELAP Certificate No. 02052

Location: Lat. 29° 14' 59.3"
Long. 89° 33' 59.1"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											
	10											Mudline at 10.0 ft.
			0.0 (P)	0.08t1	128	36	107	30	77	0.06		Very soft dark gray ORGANIC CLAY (OH) w/peat, roots, and shell pockets
			0.0 (P)	0.11t2	138	33	166	40	126	0.08		
	15		0.0 (P)	0.12t3	138	33	149	40	109	0.10		
			0.0 (P)	0.19t4	198	25	214	43	171	0.18		
	20		0.0 (P) VS									
	25		No (P)		61		71	24	47	0.02 SG1,CS		Very soft gray CLAY (CH) w/trace of organic matter
	30		No (P)		30							Loose gray CLAYEY SILT (ML)
	35		0.5 (P)	1.96t5	27	92				0.38		Firm gray CLAYEY SAND (SC)
	40											Loose gray CLAYEY SAND (SC)

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 4 ft.
Water to Mudline 10 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
10 to 61 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 10.5 psi
t2: Lateral Pressure = 11.9 psi
t3: Lateral Pressure = 13.3 psi
t4: Lateral Pressure = 14.7 psi
t5: Lateral Pressure = 27.3 psi
SG: Specific Gravity
SG1 = 2.71
CS: See Consolidation Curve
WOH: Weight of Hammer

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING PS-3

STE
Soil Testing Engineers, Inc.

Sheet 2 of 2

LELAP Certificate No. 02052

File: 03-1114
Date: 09/10/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Location: Lat. 29° 14' 59.3"
Long. 89° 33' 59.1"
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
			9 b/f 3-3-6		27							Loose gray CLAYEY SAND (SC)
	45		2 b/f 1-1-1		28							-- very loose below 44 ft.
	50		0.5 (P)	0.19t6	39	77	49	21	28	0.36		Very soft gray SLIGHTLY SILTY CLAY (CL-CH)
	55		4 b/f 1-2-2		62							Soft gray CLAY (CH)
	60				54		73	25	48	SG2		
												Boring completed at 61 ft.
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 10 to 61 ft.	t: Unconsolidated, Undrained Triaxial Compression Test t6: Lateral Pressure = 37.8 psi SG: Specific Gravity SG2 = 2.75
	Boring Abandonment Method	
	Borehole grouted upon completion	Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING PF-4

STE
Soil Testing Engineers, Inc.

Sheet 1 of 1

LELAP Certificate No. 02052

C-K Associates, Inc.
Baton Rouge, LA

File: 03-1114
Date: 09/09/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

Location: Lat. 29° 14' 48.6"
Long. 89° 33' 53.9"
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											
	10											Mudline at 14.0 ft.
	15	■	0.5 (P)	0.26t1	98	44	123	41	82	0.20		Soft gray ORGANIC CLAY (OH) w/wood and roots
		■	0.75 (P)		89					0.35		
		■	0.25 (P)	0.21t2	90	48	114	34	80	0.14 SG,CS		Very soft gray ORGANIC CLAY (OH) -- w/roots at 18 to 20 ft.
	20	■	0.25 (P)		85					0.26		-- w/sand pockets and shells at 20 to 22 ft.
		■	0.5 (P)	0.16t3	102	44	115	32	83	0.67		-- w/wood and shells at 22 to 24 ft.
	25											
	30	■	0.5 (P)	0.18t4	102	44				0.52		-- w/wood at 29 to 31 ft.
	35	■	0.75 (P)		98		126	31	95	0.25		
		■			30							Firm gray SILTY SAND (SM)
												Boring completed at 36 ft.
	40											

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 4 ft.
Water to Mudline 14 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
14 to 36 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 13.3 psi
t2: Lateral Pressure = 16.1 psi
t3: Lateral Pressure = 18.9 psi
t4: Lateral Pressure = 23.8 psi
SG: Specific Gravity = 2.71
CS: See Consolidation Curve

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING PF-5

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/25/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 1

LELAP Certificate No. 02052

Location: Lat. 29° 14' 55.6"
Long. 89° 34' 39.9"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water Mudline at 2.0 ft.
			0.25 (P)							0.12		Very soft dark gray ORGANIC CLAY (OH) w/peat
	5		0.25 (P)	0.07t1	152	33	86	24	62	0.12		
			0.5 (P)	0.08t2	91	44				0.15		Very soft dark gray CLAY (CH) -- w/silt pockets at 6 to 8 ft.
			0.25 (P)							0.15		
	10		0.25 (P)	0.10t3	110	40	132	30	102	0.18		-- w/peat layers at 10 to 12 ft.
	15		0.25 (P)									
	20		No (P)	0.07t4	66	58	75	19	56			Very soft gray CLAY (CH) w/roots
	25											Boring completed at 22 ft.
	30											
	35											
	40											

Ground Water Level Data	Boring Advancement Method	Notes
VS = Vane Shear (ksf) Deck to Water 2 ft. Water to Mudline 2 ft.	4" Dia. Rotary Wash: 2 to 22 ft. **Boring Abandonment Method** Borehole grouted upon completion	t: Unconsolidated, Undrained Triaxial Compression Test t1: Lateral Pressure = 4.9 psi t2: Lateral Pressure = 6.3 psi t3: Lateral Pressure = 7.7 psi t4: Lateral Pressure = 16.8 psi Strata Boundaries May Not Be Exact

03-1114 LOG01 BARATARIA LDNR 9-16-2003 031114P.GPJ LOG01.GDT 10/29/03

Barataria Barrier Island Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING PF-6

STE
Soil Testing Engineers, Inc.

Sheet 1 of 1

File: 03-1114
Date: 09/24/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 15' 18.7"
Long. 89° 36' 10.7"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
												Mudline at 3.0 ft.
			0.5 (P)	0.17t1	48	68	77	20	57	0.27		Very soft gray CLAY (CH) -- w/sand pockets at 3 to 5 ft.
	5		0.5 (P)							0.27		
			0.5 (P)	0.11t2	76	56	73	19	54	0.23 SG		-- w/sand seams, wood, and roots at 7 to 9 ft.
	10		0.7 (P)							0.21		
			0.5 (P)	0.13t3	75	54	87	24	63	0.21		-- w/sand pockets at 11 to 13 ft.
	15											
			0.5 (P)							0.15		
	20											Loose gray CLAYEY SILT (ML) w/ 1/2-inch clay layers
			0.4 (P)	0.57t4	41	79				0.29		
												Boring completed at 23 ft.
	25											
	30											
	35											
	40											

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 3 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
3 to 23 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 4.2 psi
t2: Lateral Pressure = 7.0 psi
t3: Lateral Pressure = 9.8 psi
t4: Lateral Pressure = 16.8 psi

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING P-7

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/26/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 1

LELAP Certificate No. 02052

Location: Lat. 29° 15' 22.1"
Long. 89° 35' 46.5"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
												Mudline at 3.0 ft.
			0.0 (P)	0.05t1	143	32	186	38	148	0.06		Very soft dark gray ORGANIC CLAY (OH) w/peat
	5		0.1 (P)							0.08		
			1.25 (P)	0.16t2	34	79	29	19	10	0.23		Very loose gray CLAYEY SILT (ML)
	10		0.75 (P)							0.14		Loose gray SANDY SILT (ML)
			0.75 (P)	0.41t3	32	86				0.22 GS		-- w/clay seams at 11 to 13 ft.
	15											
			1.0 (P)							0.33		
	20											Very soft gray SILTY CLAY (CL)
			0.5 (P)	0.21t4	39	77				0.13		-- w/sand layer at 21 ft.
	25											Boring completed at 23 ft.
	30											
	35											
	40											

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 3 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
3 to 23 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 4.2 psi
t2: Lateral Pressure = 7.0 psi
t3: Lateral Pressure = 9.8 psi
t4: Lateral Pressure = 16.8 psi
GS: Particle Size Analysis
Gravel = 0%, Sand = 14%, Silt = 72%, Clay = 14%

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING P-8

STE
Soil Testing Engineers, Inc.

Sheet 1 of 1

File: 03-1114
Date: 09/24/03
Logged by: K. Moody
Driller: Omni
Rig: Airboat

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 15' 11.2"
Long. 89° 35' 44.9"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
												Mudline at 3.0 ft.
			0.0 (P)	0.08t1	216	26	83	29	54	0.09		Very soft dark gray PEAT (PT) w/sand pockets
	5		0.25 (P)							0.10		Very soft gray CLAY (CH)
			0.75 (P)	0.09t2	76	49	98	28	70	0.33 CS,SG		-- w/roots, wood, and peat 7 to 9 ft.
	10		0.5 (P)									
			0.6 (P)	0.70t3	28	88						Loose gray SILTY SAND (SM) -- w/clay pockets at 11 to 13 ft.
	15		1.0 (P)									
	20											
			1.0 (P)	0.94t4	26	97						-- w/clay seams at 21 to 23 ft.
	25											Boring completed at 23 ft.
	30											
	35											
	40											

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 3 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
3 to 23 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 4.2 psi
t2: Lateral Pressure = 7.0 psi
t3: Lateral Pressure = 9.8 psi
t4: Lateral Pressure = 16.8 psi
CS: See Consolidation Curve

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

C-K Associates, Inc.
Baton Rouge, LA

LOG OF SOIL BORING P-9

STE
Soil Testing Engineers, Inc.

Sheet 1 of 3

LELAP Certificate No. 02052

File: 03-1114
Date: 09/11/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

Location: Lat. 29° 15' 08.9"
Long. 89° 35' 09.4"
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											Mudline at 8.0 ft.
			0.0 (P)	0.07t1	151	29	156	43	113	0.06		Very soft gray ORGANIC CLAY (OH) -- w/peat at 8 to 10 ft.
	10		0.0 (P)		90					0.27		
			VS									Very soft gray CLAY (CH)
	15		0.5 (P)	0.15t2	54	66	55	25	30	0.27		
			0.0 (P)							0.17		-- w/organic matter at 16 to 18 ft.
	20											
												Loose gray SILTY SAND (SM) w/clay seams
	25		1.0 (P)		30					0.17		
												Soft gray CLAY (CH)
	30		0.5 (P)	0.37t3	65	58	93	30	63	0.25 SG,CS		
	35		0.5 (P)							0.19		-- w/trace of organic matter at 34 to 36 ft.
	40											

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 4 ft.
Water to Mudline 8 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
8 to 81 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 9.1 psi
t2: Lateral Pressure = 13.3 psi
t3: Lateral Pressure = 23.8 psi
SG: Specific Gravity = 2.78
CS: See Consolidation Curve

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

C-K Associates, Inc.
Baton Rouge, LA

LOG OF SOIL BORING P-9

STE
Soil Testing Engineers, Inc.

Sheet 2 of 3

LELAP Certificate No. 02052

File: 03-1114
Date: 09/11/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

Location: Lat. 29° 15' 08.9"
Long. 89° 35' 09.4"
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
			0.5 (P)	0.31t4	49	69				0.19		Soft gray CLAY (CH)
	45		0.0 (P)							0.23		Loose gray SILTY SAND (SM) w/clay layers
												Soft gray and brown CLAY (CH)
	50		1.0 (P)	0.46t5	47	71				0.25		
	55		1.0 (P)							0.33		
	60		0.5 (P)	0.26t6	59	61				0.31		
	65		1.0 (P)							0.31		
	70		0.5 (P)	0.28t7	57	61				0.31		
	75		0.5 (P)							0.38		
												Very dense gray SILTY SAND (SM) w/clay pockets
	80											

Continued Next Page

Ground Water Level Data

Boring Advancement Method

4" Dia. Rotary Wash:
8 to 81 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t4: Lateral Pressure = 30.8 psi
t5: Lateral Pressure = 37.8 psi
t6: Lateral Pressure = 44.8 psi
t7: Lateral Pressure = 51.8 psi

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

C-K Associates, Inc.
Baton Rouge, LA

LOG OF SOIL BORING P-9

STE
Soil Testing Engineers, Inc.

Sheet 3 of 3

LELAP Certificate No. 02052

File: 03-1114
Date: 09/11/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

Location: Lat. 29° 15' 08.9"
Long. 89° 35' 09.4"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
		X	60 b/f 27-28-32									Very dense gray SILTY SAND (SM)
												Boring completed at 81 ft.
	85											
	90											
	95											
	100											
	105											
	110											
	115											
	120											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 8 to 81 ft.	
	Boring Abandonment Method: Borehole grouted upon completion	Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

C-K Associates, Inc.
Baton Rouge, LA

LOG OF SOIL BORING P-10

STE
Soil Testing Engineers, Inc.

Sheet 1 of 2

LELAP Certificate No. 02052

File: 03-1114
Date: 09/10/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

Location: Lat. 29° 15' 02.3"
Long. 89° 34' 40.4"
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											Mudline at 7.0 ft.
		■	0.0 (P)		167		166	46	120	0.06		Very soft gray ORGANIC CLAY (OH)
	10	■	0.0 (P)	0.13t1	215	24	189	58	131	0.04		
		■	0.0 (P)		151					0.27		
		■	0.0 (P)							0.10		Very soft gray CLAY (CH) -- w/wood and organic matter at 13 to 17 ft.
	15	■	0.0 (P)	0.10t2	49	65	61	24	37	0.19		
	20	■	0.0 (P)							0.33		
	25	■	1.0 (P)	0.23t3	61	64	69	23	46	0.16		-- w/silt seams at 25 to 27 ft.
	30	■	No (P)		53					0.33		
	35	■	No (P)	0.21t4	45	64				0.36		
	40											

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 3 ft.
Water to Mudline 7 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
7 to 47 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

t: Unconsolidated, Undrained Triaxial Compression Test
t1: Lateral Pressure = 9.7 psi
t2: Lateral Pressure = 13.3 psi
t3: Lateral Pressure = 20.3 psi
t4: Lateral Pressure = 27.3 psi

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING P-10

STE
Soil Testing Engineers, Inc.

Sheet 2 of 2

File: 03-1114
Date: 09/10/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 15' 02.3"
Long. 89° 34' 40.4"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
			No (P)									Very soft gray CLAY (CH)
	45		No (P)									
	50											Boring completed at 47 ft.
	55											
	60											
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 7 to 47 ft.	
	Boring Abandonment Method Borehole grouted upon completion	

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING E-1

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/09/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 2

LELAP Certificate No. 02052

Location:

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											
	10											
	15											
	20											
	25											
	30											Mudline at 30.0 ft.
			0.5 (P)		51		52	20	32	0.10		Very soft gray CLAY (CH) w/ 1/4-inch sand layers 6-inches apart
			0.5 (P)		63		84	30	54	0.23		
	35		21 b/f 14-11-10							GS		Firm gray SILTY SAND (SM)
			13 b/f 10-7-6		52		36	17	19			Medium gray SILTY CLAY (CL)
			4 b/f 2-2-2		40		38	18	20			Soft gray SILTY CLAY (CL)
	40											

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 30 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
30 to 53 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

GS: Particle Size Analysis
Gravel = 0%, Sand = 66%, Silt = 30%, Clay = 4%

Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING E-1

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/09/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Sheet 2 of 2

LELAP Certificate No. 02052

Location:

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Soft to very soft gray SILTY CLAY (CL)
	45											
		■	1.0 (P)		37		35	19	16	0.25		
	50											
		■	1.0 (P)		35		34	19	15	0.21		
												Boring completed at 53 ft.
	55											
	60											
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 30 to 53 ft.	
	Boring Abandonment Method Borehole grouted upon completion	Strata Boundaries May Not Be Exact

Barataria Barrier Island
Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING E-2

STE
Soil Testing Engineers, Inc.

File: 03-1114
Date: 09/09/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

Sheet 1 of 2

LELAP Certificate No. 02052

Location: Lat. 29° 13' 50.2"
Long. 89° 35' 44.1"

Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	PL	PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Water
	5											
	10											
	15											
	20											
	25											
	30											Mudline at 30.0 ft.
			1.5 (P)		36		27	21	6	0.16		Loose gray VERY CLAYEY SILT (ML-CL)
			1.0 (P)		33					0.19 GS		
	35		0.25 (P)		47		39	22	17	0.08		Very soft gray SILTY CLAY (CL) w/sand layers
			0.25 (P)		47					0.06		
			0.5 (P)		52		45	27	18	0.17		
	40											

Continued Next Page

Ground Water Level Data

VS = Vane Shear (ksf)

Deck to Water 2 ft.
Water to Mudline 30 ft.

Boring Advancement Method

4" Dia. Rotary Wash:
30 to 53 ft.

Boring Abandonment Method

Borehole grouted upon completion

Notes

GS: Particle Size Analysis
Gravel = 0%, Sand = 4%, Silt = 83%, Clay = 13%

Strata Boundaries May Not Be Exact

Barataria Barrier Island Restoration Complex Project
BA-38 (Pelican Headland)
Plaquemines Parish, LA
DNR Contract No. 2503-02-29

LOG OF SOIL BORING E-2

STE
Soil Testing Engineers, Inc.

Sheet 2 of 2

File: 03-1114
Date: 09/09/03
Logged by: K. Moody
Driller: MASA
Rig: Barge

C-K Associates, Inc.
Baton Rouge, LA

LELAP Certificate No. 02052

Location: Lat. 29° 13' 50.2"
Long. 89° 35' 44.1"

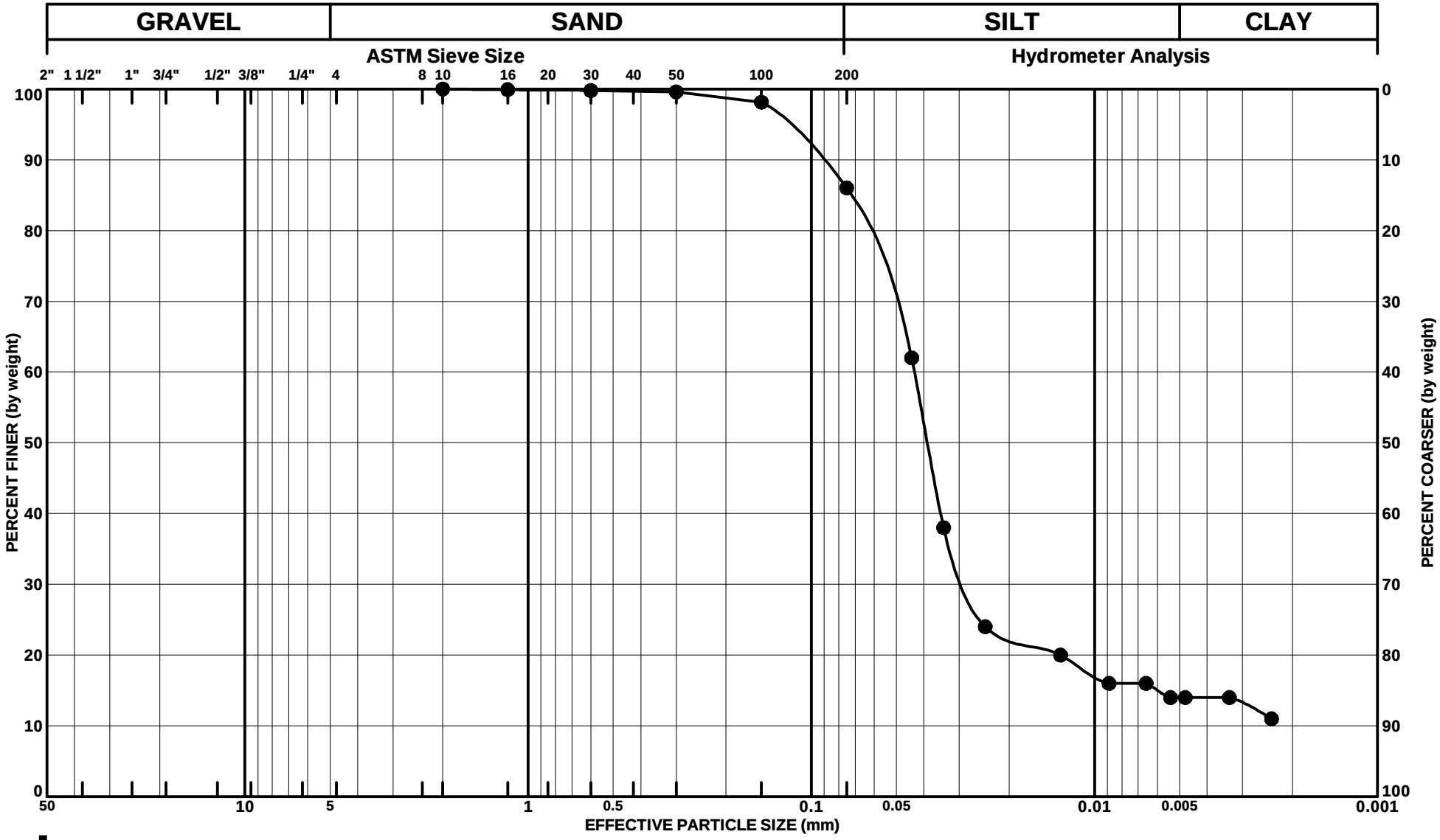
Surface Elevation: N/A (ft., NGVD)

FIELD DATA				LABORATORY DATA								
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL	Atterberg Limits PL	Atterberg Limits PI	Mini Vane Shear (ksf) / Other	Soil Type	Description
												Very soft gray SILTY CLAY (CL)
	45		0.75 (P)		49		72	22	50	0.23		Soft gray CLAY (CH)
	50		0.25 (P)		58					0.08		Very soft gray CLAY (CH)
												Boring completed at 53 ft.
	55											
	60											
	65											
	70											
	75											
	80											

Ground Water Level Data	Boring Advancement Method	Notes
	4" Dia. Rotary Wash: 30 to 53 ft.	
	Boring Abandonment Method	
	Borehole grouted upon completion	Strata Boundaries May Not Be Exact

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● P-7	11.0 - 13.0	0.0	14.0	72.0	14.0



ASTM D422

STE
Soil Testing Engineers, Inc.

Barataria Barrier Island Restoration Complex Project BA-38 (Pelican Headland)

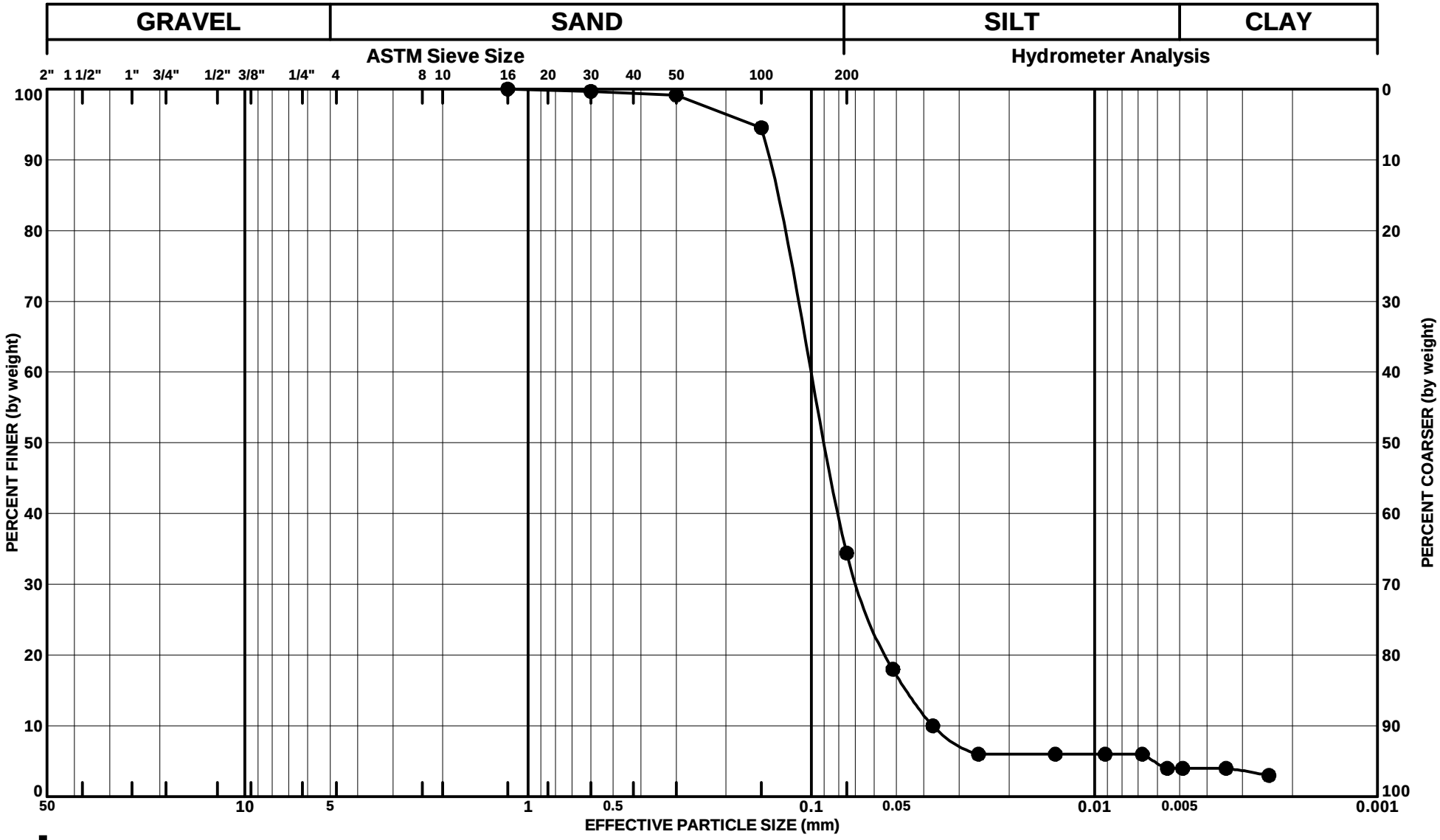
GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 10/01/2003

GRAINSZ 031114P.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● E-1	38.5 - 40.0	0.0	65.6	30.4	4.0



ASTM D422

GRAIN SIZE ANALYSIS

STE
Soil Testing Engineers, Inc.

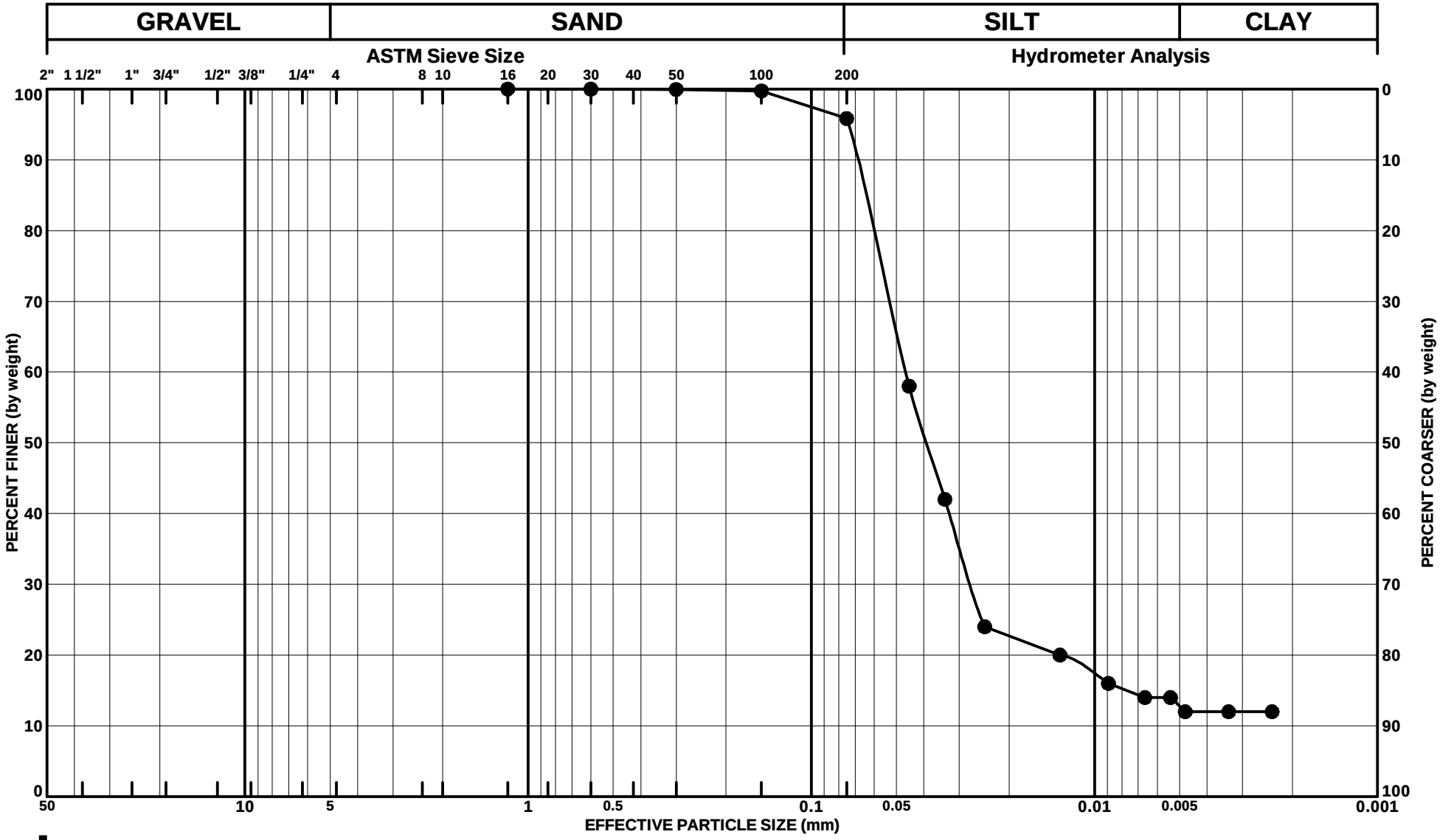
Barataria Barrier Island Restoration Complex Project BA-38 (Pelican Headland)

File No.: 03-1114
Date: 09/12/2003

GRAINSZ 031114P.GPJ GRAINSZ.GDT 10/29/03

LELAP Certificate No. 02052

Boring No.	Depth (ft.)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)
● E-2	36.0 - 38.0	0.0	4.2	83.1	12.7



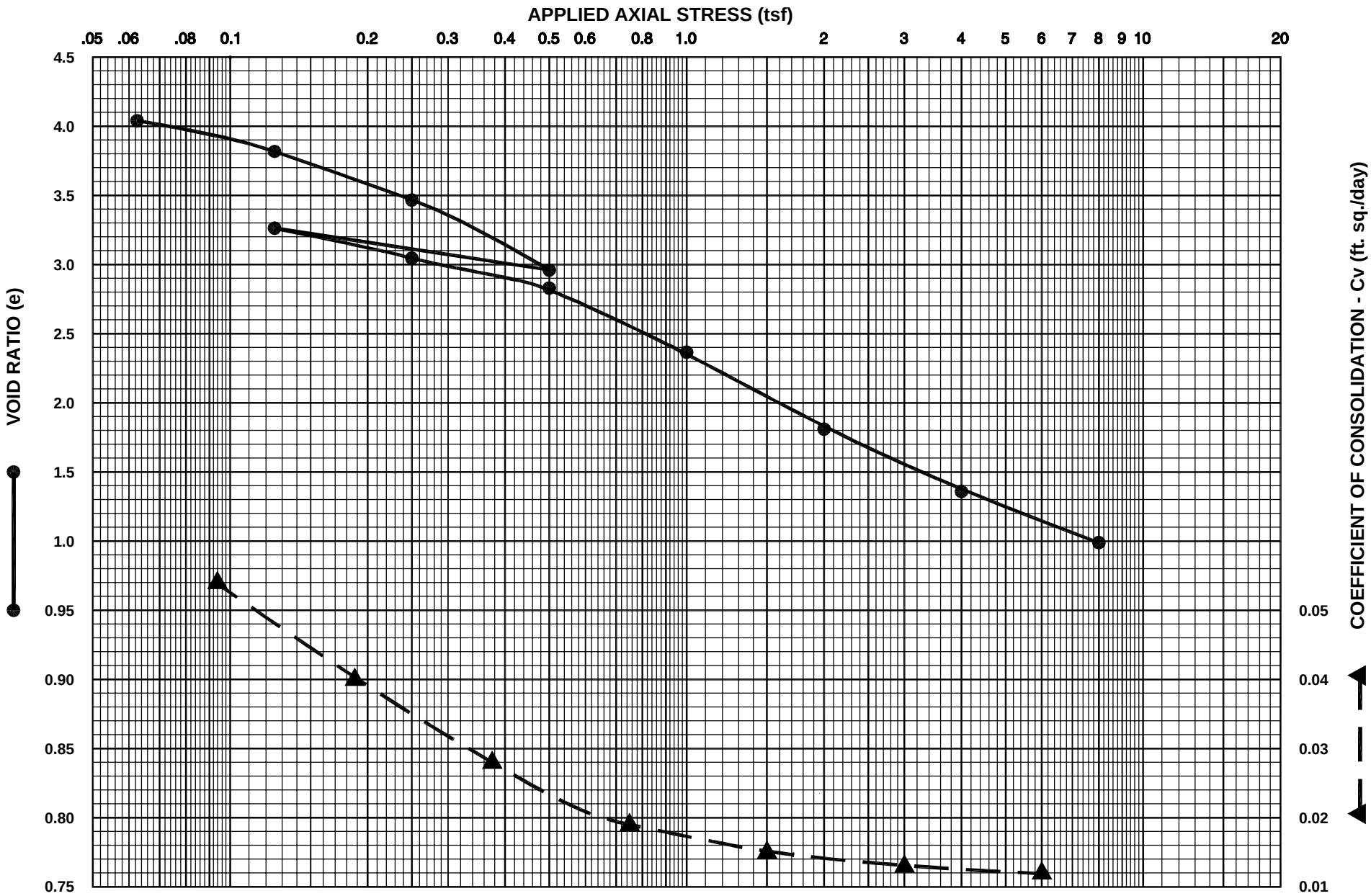
STE
Soil Testing Engineers, Inc.

Barataria Barrier Island Restoration Complex Project BA-38 (Pelican Headland)

GRAIN SIZE ANALYSIS

File No.: 03-1114
Date: 09/12/2003

GRAINSZ 031114P.GPJ GRAINSZ.GDT 10/29/03



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: PS-1
DEPTH (feet): 5-7
MATERIAL: Gray ORGANIC CLAY w/peat
FILE NO.: 03-1114

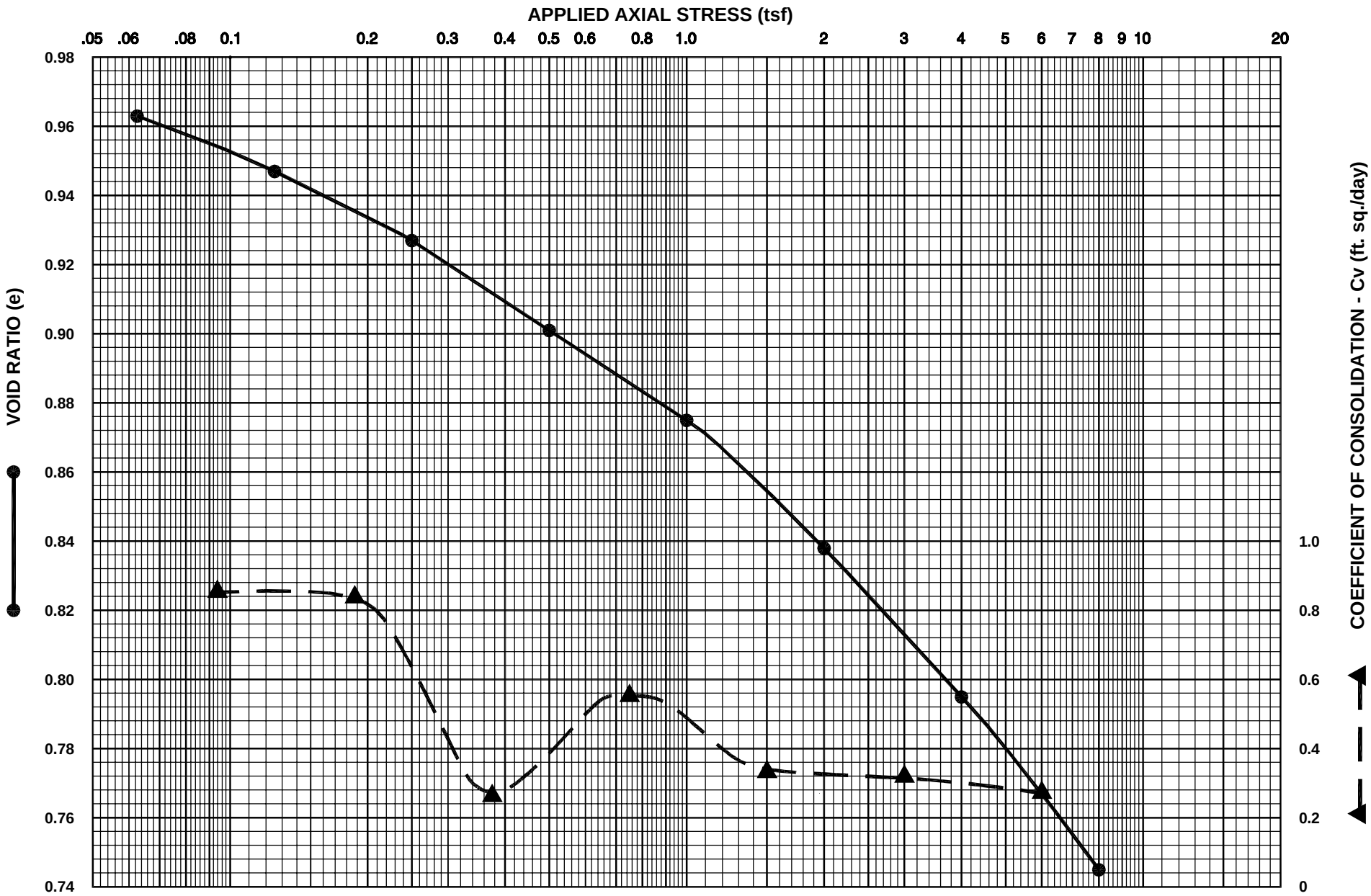
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	144.6	LL = 63
INITIAL DRY DENSITY (lbs./cu.ft.) =	30.6	PL = 19
FINAL MOISTURE CONTENT (%) =	63.8	PI = 44

FIGURE NO.:

Eo = 4.203 Gs = 2.55



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: PS-2
DEPTH (feet): 26-28
MATERIAL: Gray CLAYEY SILT w/fine sand
FILE NO.: 03-1114

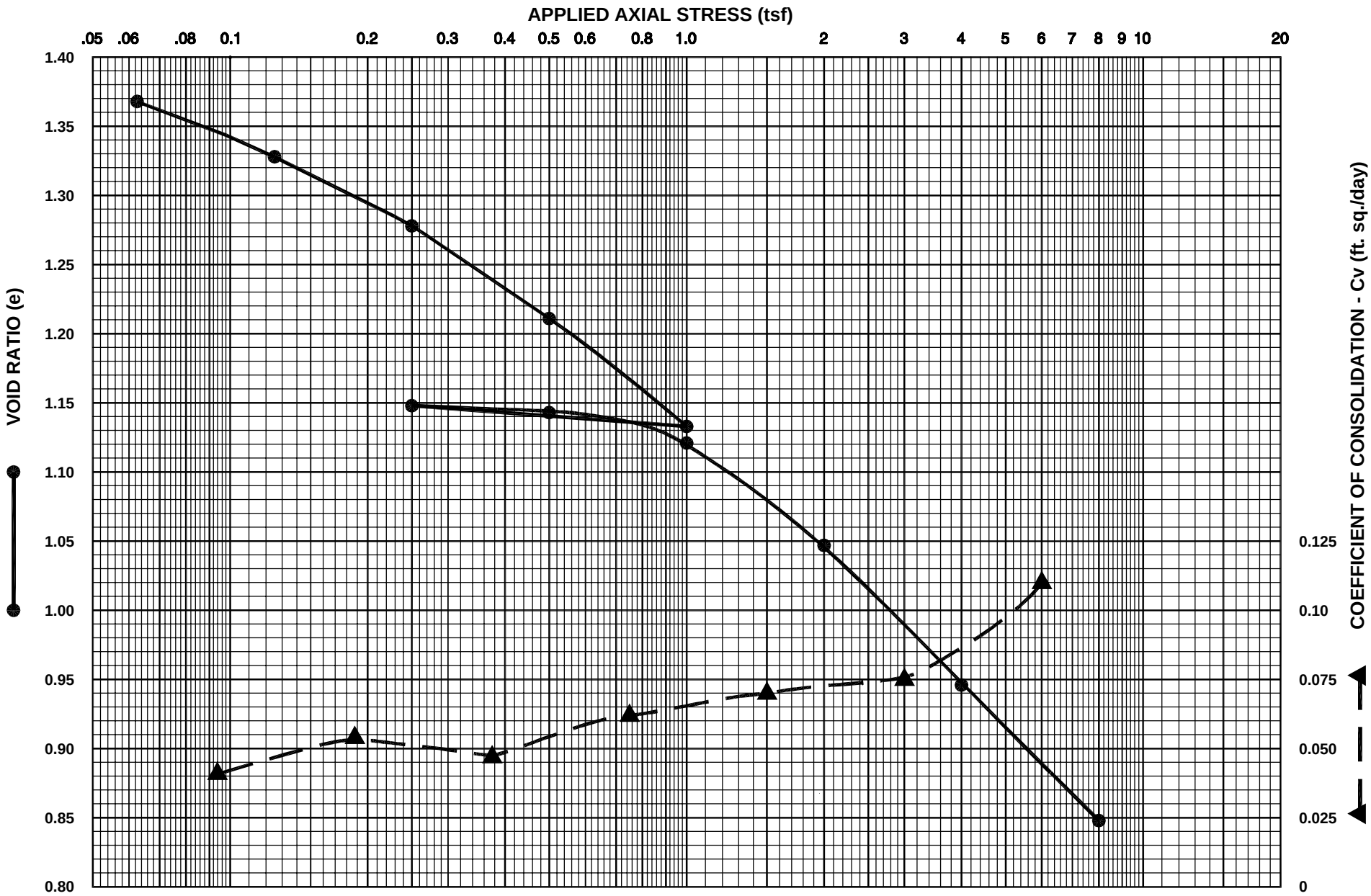
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) = 33.6
INITIAL DRY DENSITY (lbs./cu.ft.) = 84.5
FINAL MOISTURE CONTENT (%) = 31.3

FIGURE NO.:

Eo = 0.972 Gs = 2.67



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: PS-3
DEPTH (feet): 24-26
MATERIAL: Gray CLAY w/wood
FILE NO.: 03-1114

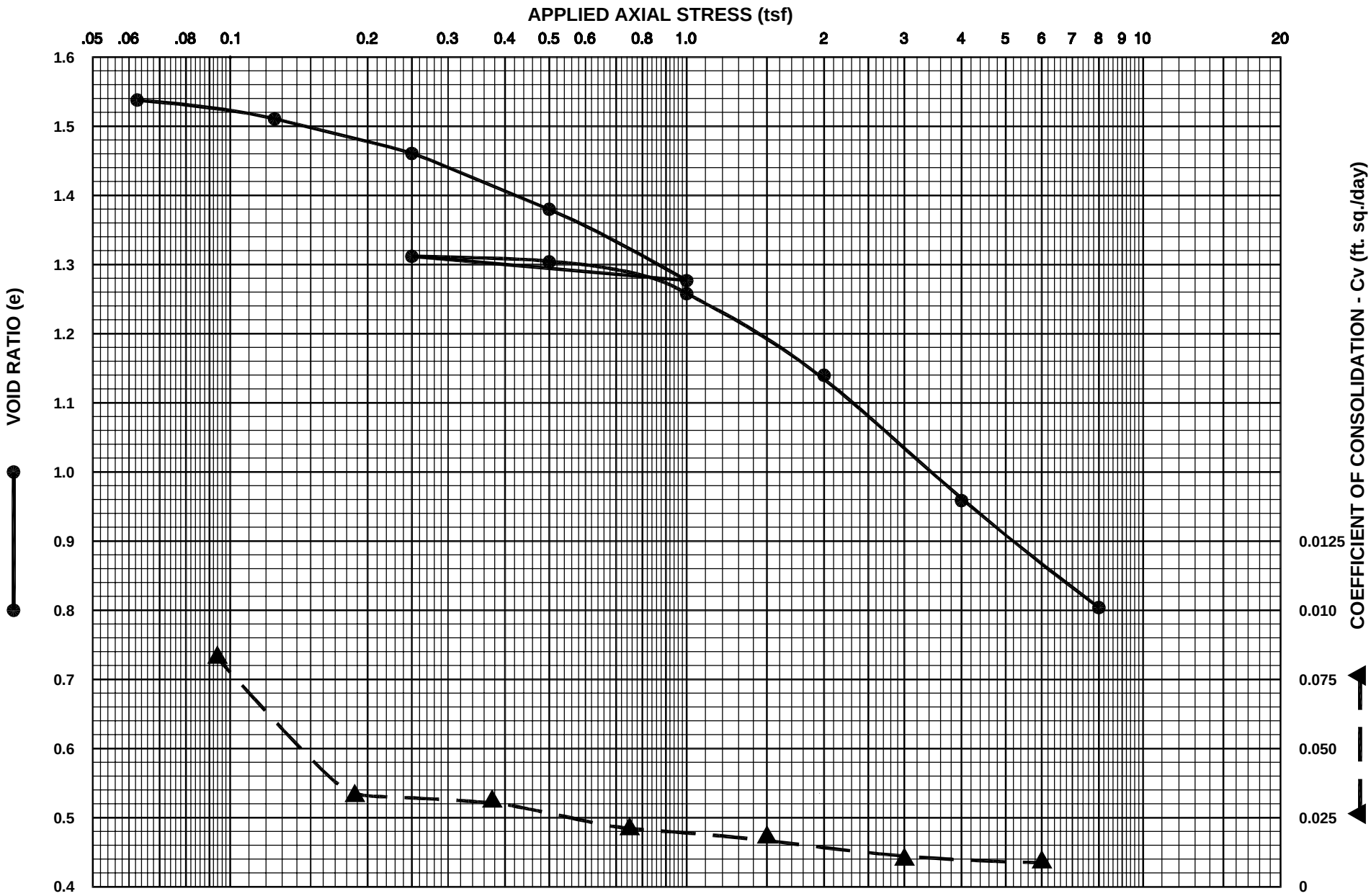
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	28.1	LL = 71
INITIAL DRY DENSITY (lbs./cu.ft.) =	69.9	PL = 24
FINAL MOISTURE CONTENT (%) =	44.0	PI = 47

FIGURE NO.:

Eo = 1.420 Gs = 2.71



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: PS-3
DEPTH (feet): 59-61
MATERIAL: Gray CLAY w/silt seams
FILE NO.: 03-1114

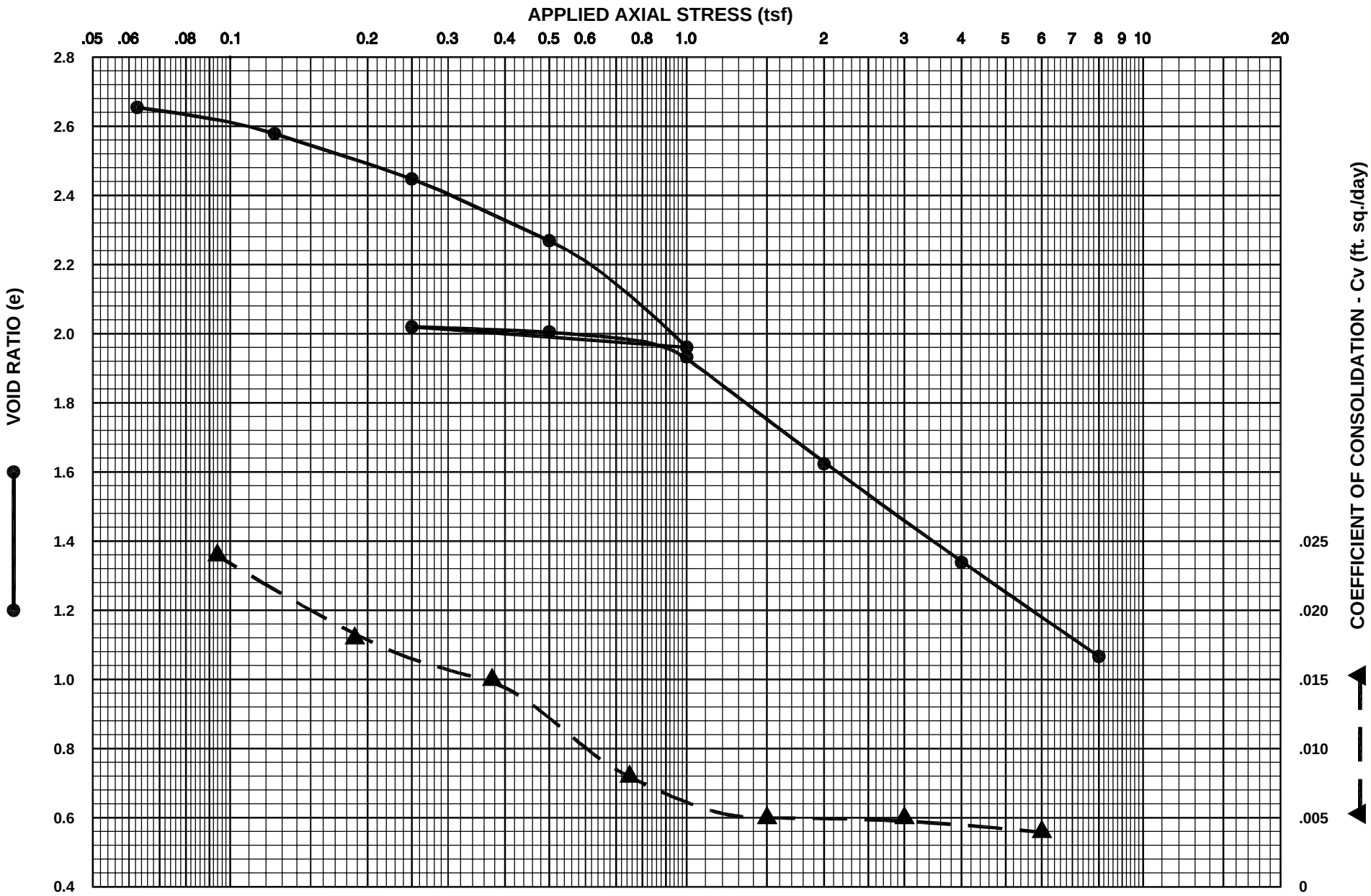
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	51.1	LL = 73
INITIAL DRY DENSITY (lbs./cu.ft.) =	67.4	PL = 25
FINAL MOISTURE CONTENT (%) =	34.0	PI = 48

FIGURE NO.:

Eo = 1.863 Gs = 2.6



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: PF-4
DEPTH (feet): 18-20
MATERIAL: Gray CLAY w/peat pockets & sand traces
FILE NO.: 03-1114

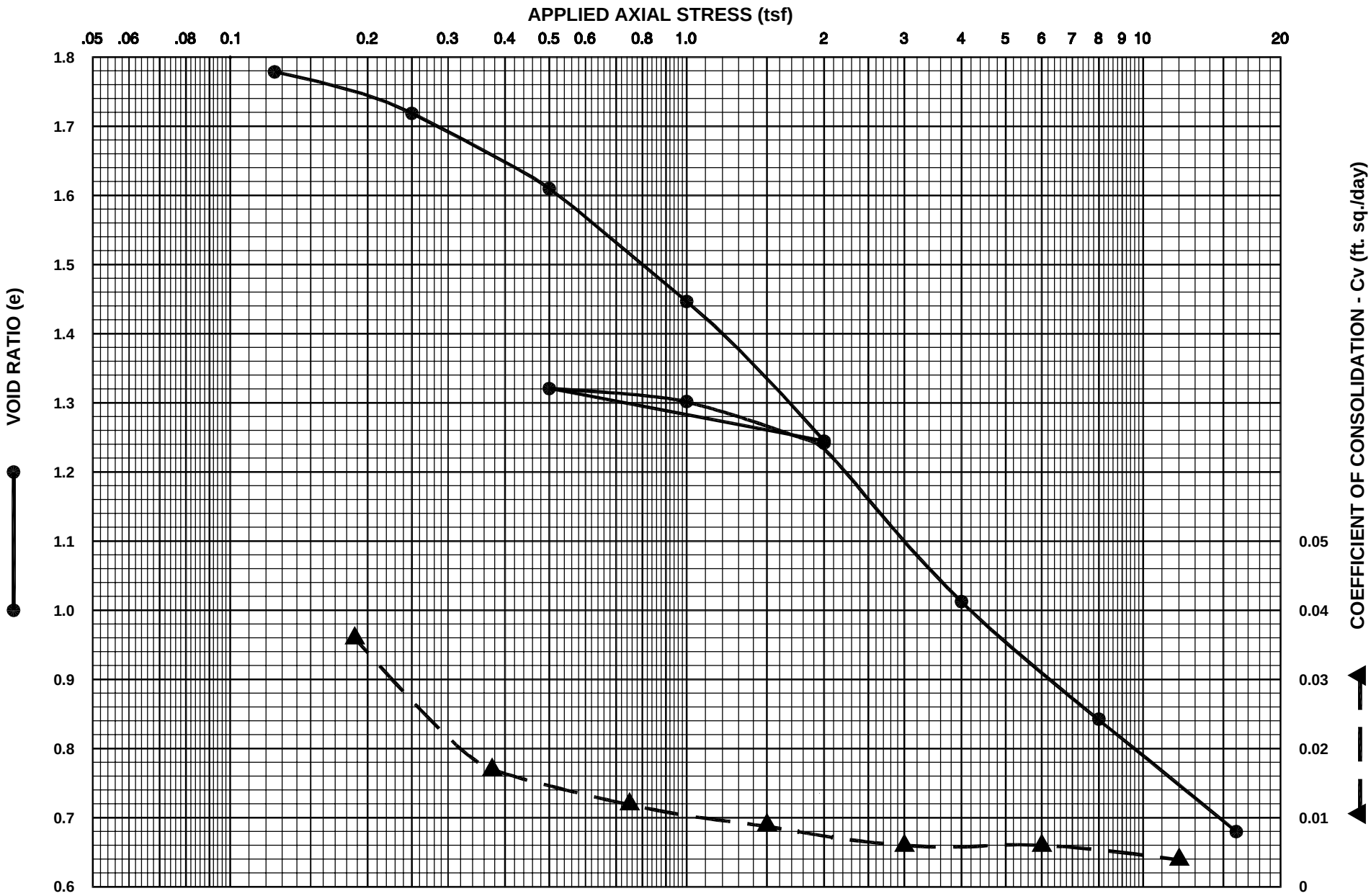
STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	94.3	LL = 114
INITIAL DRY DENSITY (lbs./cu.ft.) =	45.5	PL = 34
FINAL MOISTURE CONTENT (%) =	46.5	PI = 80

FIGURE NO.:

Eo = 2.721 Gs = 2.71



CONSOLIDATION TEST

SAMPLE IDENTIFICATION

BORING NO.: P-9
DEPTH (feet): 29-31
MATERIAL: Gray CLAY

FILE NO.: 03-1114

STE
Soil Testing Engineers, Inc.

CLASSIFICATION DATA

INITIAL MOISTURE CONTENT (%) =	54.2	LL = 93
INITIAL DRY DENSITY (lbs./cu.ft.) =	62.0	PL = 30
FINAL MOISTURE CONTENT (%) =	25.1	PI = 63

FIGURE NO.:

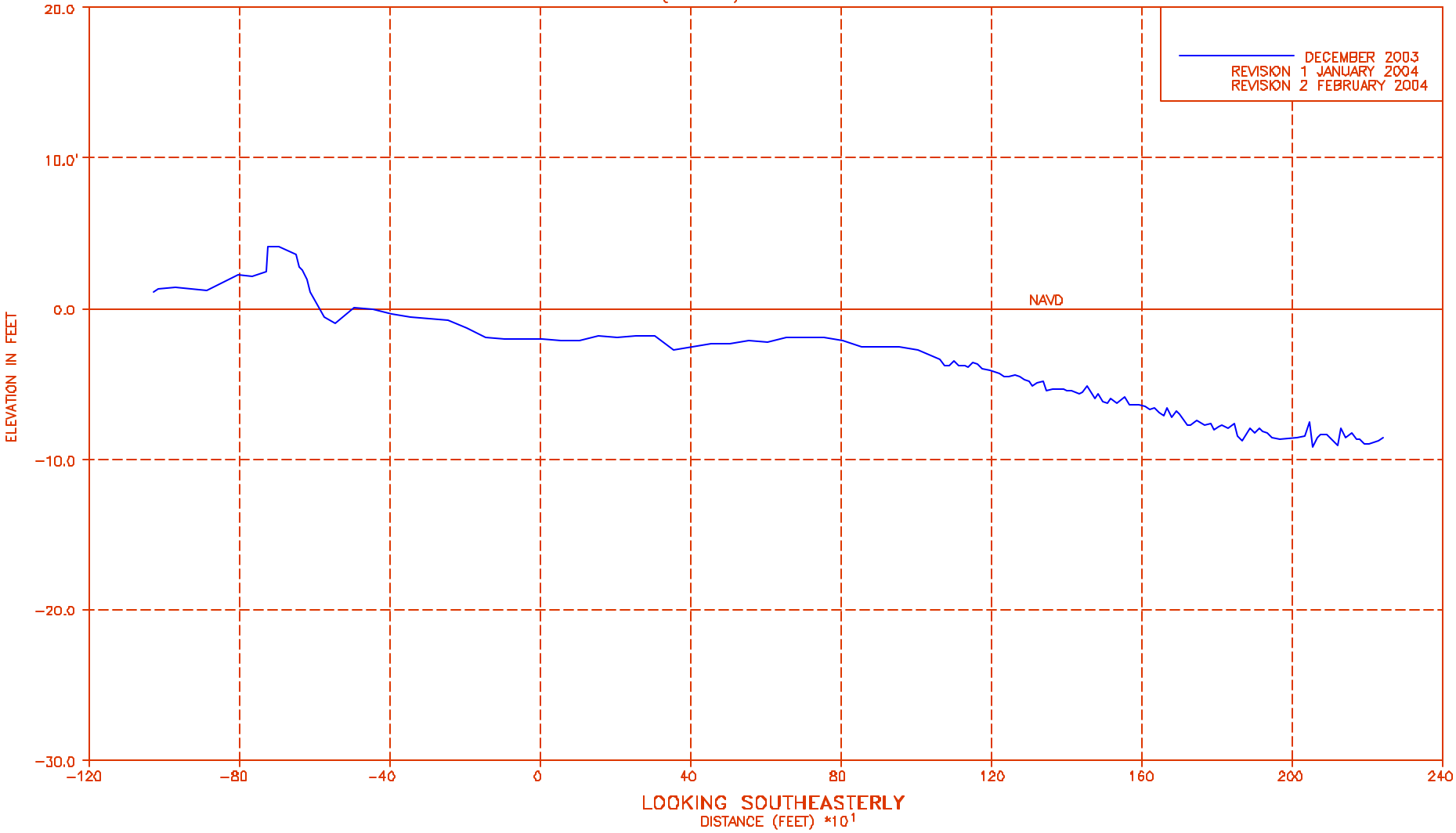
Eo = 1.420 Gs = 2.71

APPENDIX V

DECEMBER 2003 CROSS SECTIONS

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT

PROFILE LINE CG1



HORIZONTAL GRAPHIC SCALE

0 200' 400' 800' 1200'

0 5' 10' 20' 30'

VERTICAL GRAPHIC SCALE

Morris P. Hebert, Inc.
SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES
P.O. BOX 3106 • HOUMA, LOUISIANA 70361-3106 • (985) 879-2731

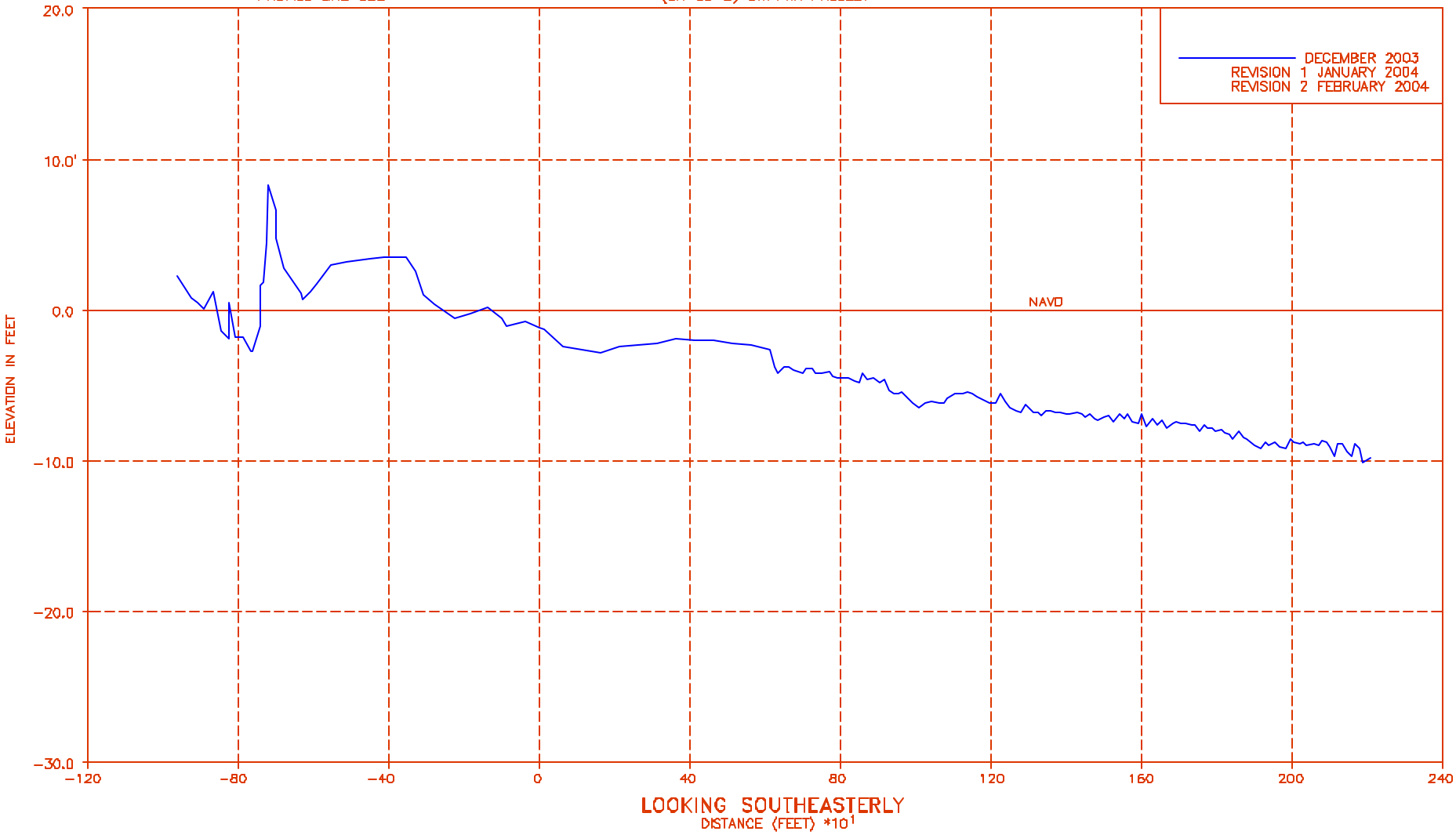
TETRA TECH EMI

CHALAND HEADLAND RESTORATION

DRAWN BY:	KDT	SHEET:	1
CHECKED BY:	DAB	SCALE:	AS NOTED
APPROVED BY:		DATE:	2/1/04
CAD FILE:	7641CG1		

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT

PROFILE LINE CG2



HORIZONTAL GRAPHIC SCALE

0 200' 400' 800' 1200'

0 5' 10' 20' 30'

VERTICAL GRAPHIC SCALE

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TETRA TECH EMI

CHALAND HEADLAND RESTORATION

DRAWN BY:	KDT	SHEET:	2
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APPROVED BY:		DATE:	2/1/04
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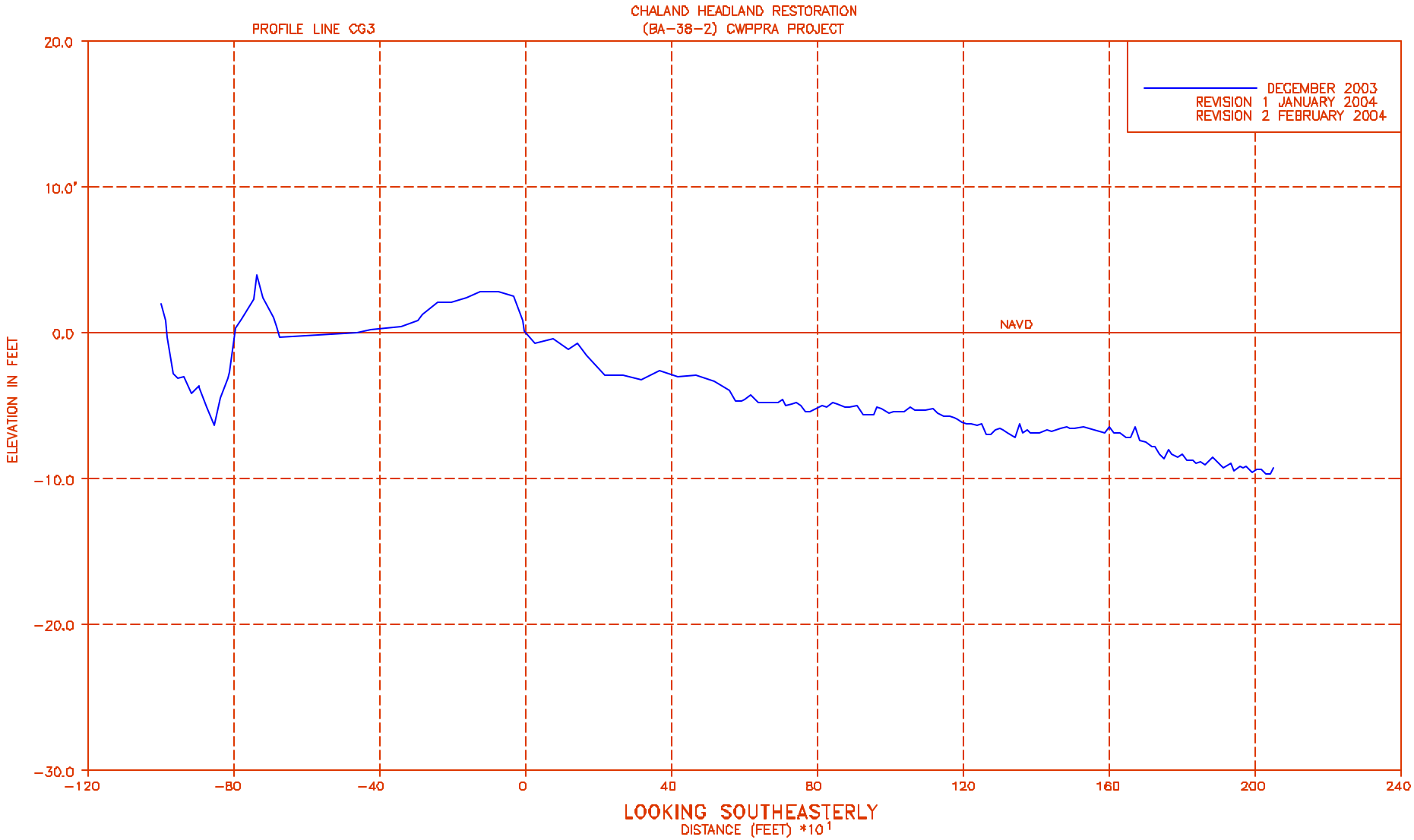

HORIZONTAL GRAPHIC SCALE

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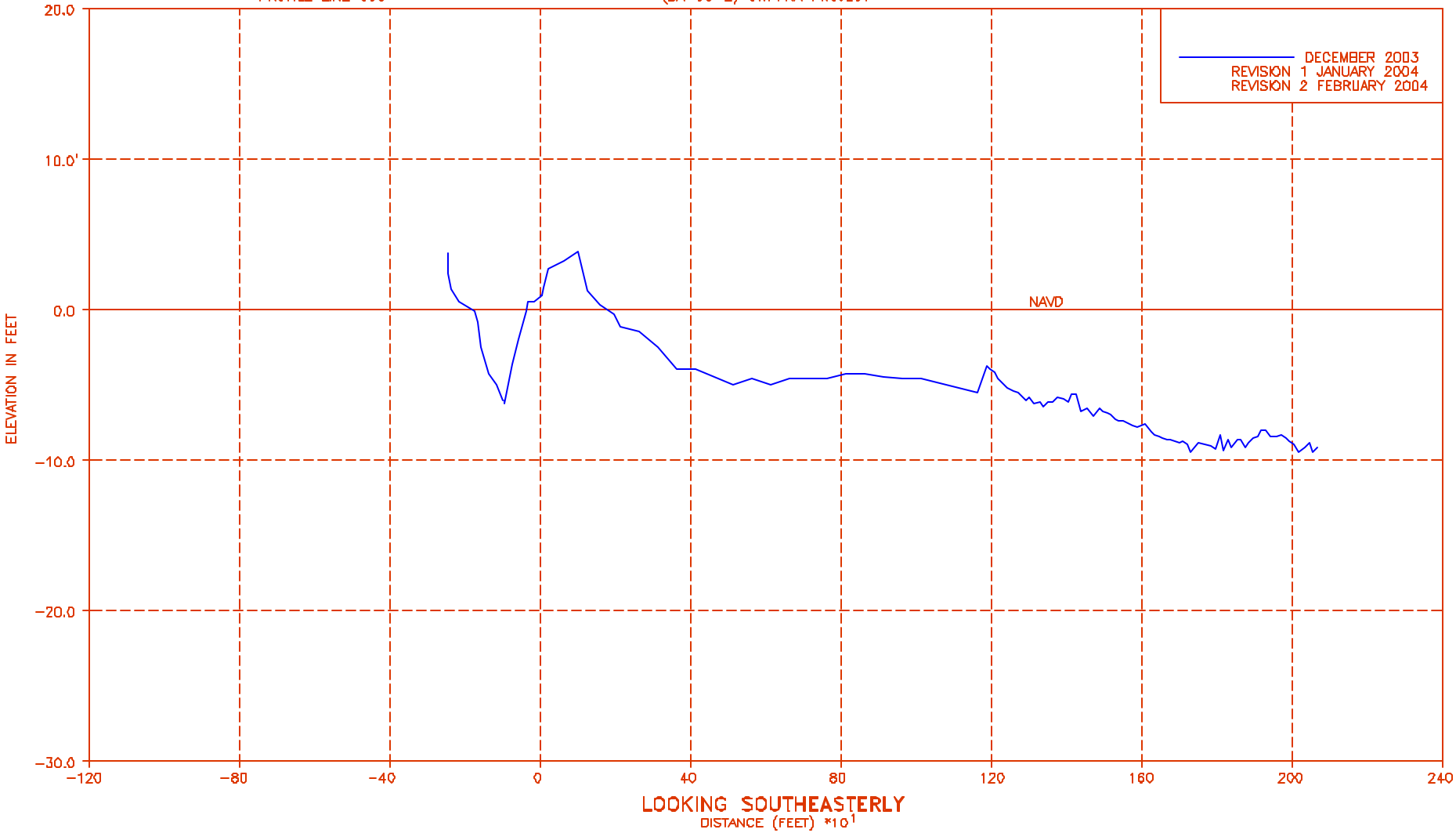
TETRA TECH EMI

CHALAND HEADLAND RESTORATION

DRAWN BY:	KDT	SHEET:	3
CHECKED BY:	DAB	SCALE:	AS NOTED
APPROVED BY:		DATE:	2/1/04
CAD FILE:	7641CG3		

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT

PROFILE LINE CG8



HORIZONTAL GRAPHIC SCALE

0 200' 400' 800' 1200'

0 5' 10' 20' 30'

VERTICAL GRAPHIC SCALE

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TETRA TECH EMI

CHALAND HEADLAND RESTORATION

DRAWN BY:	KDT	SHEET:	4
CHECKED BY:	DAB	SCALE:	AS NOTED
APPROVED BY:		DATE:	2/1/04
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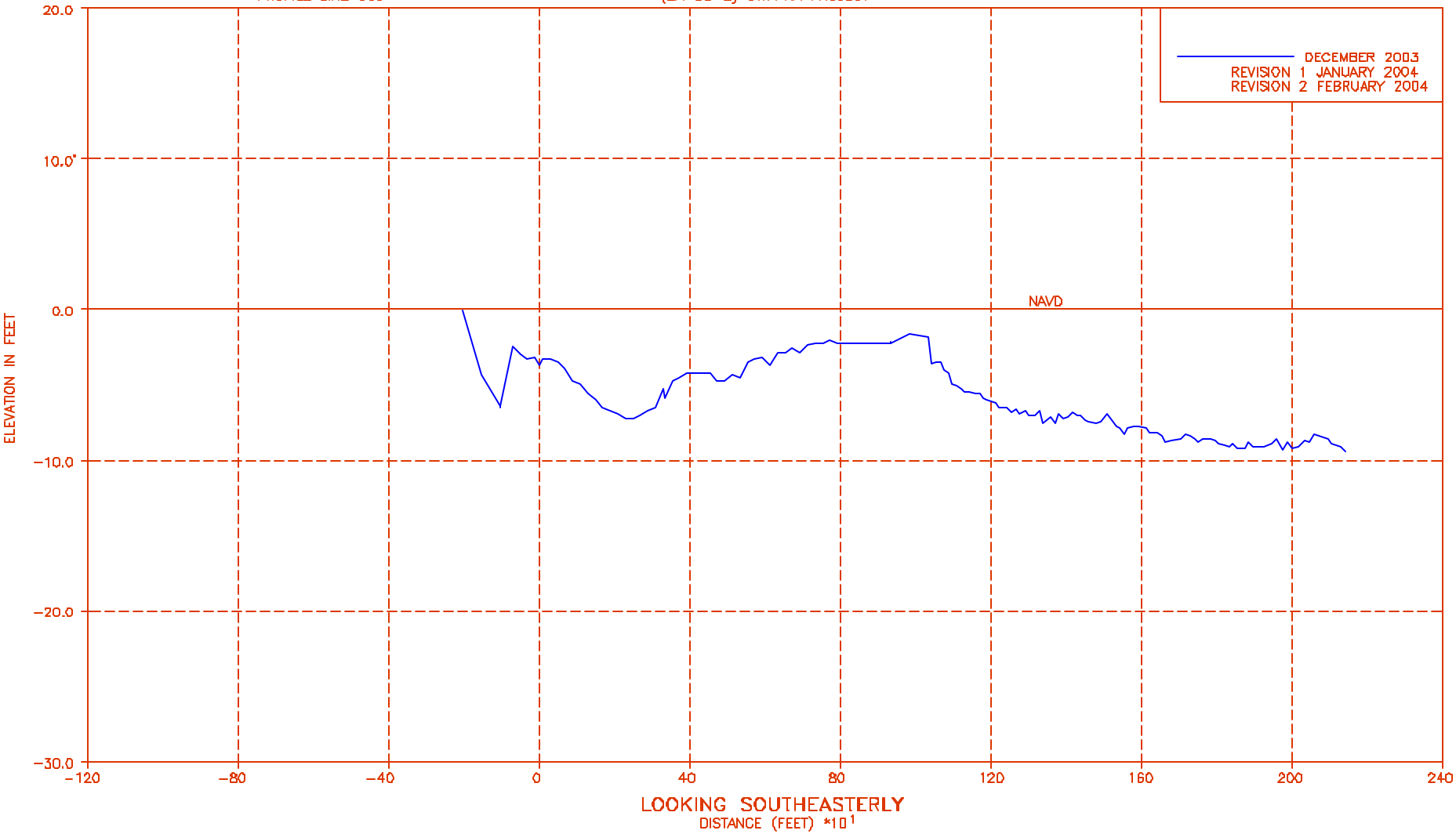
CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT

PROFILE LINE CG9



HORIZONTAL GRAPHIC SCALE

0 200' 400' 800' 1200'

0 5' 10' 20' 30'

VERTICAL GRAPHIC SCALE

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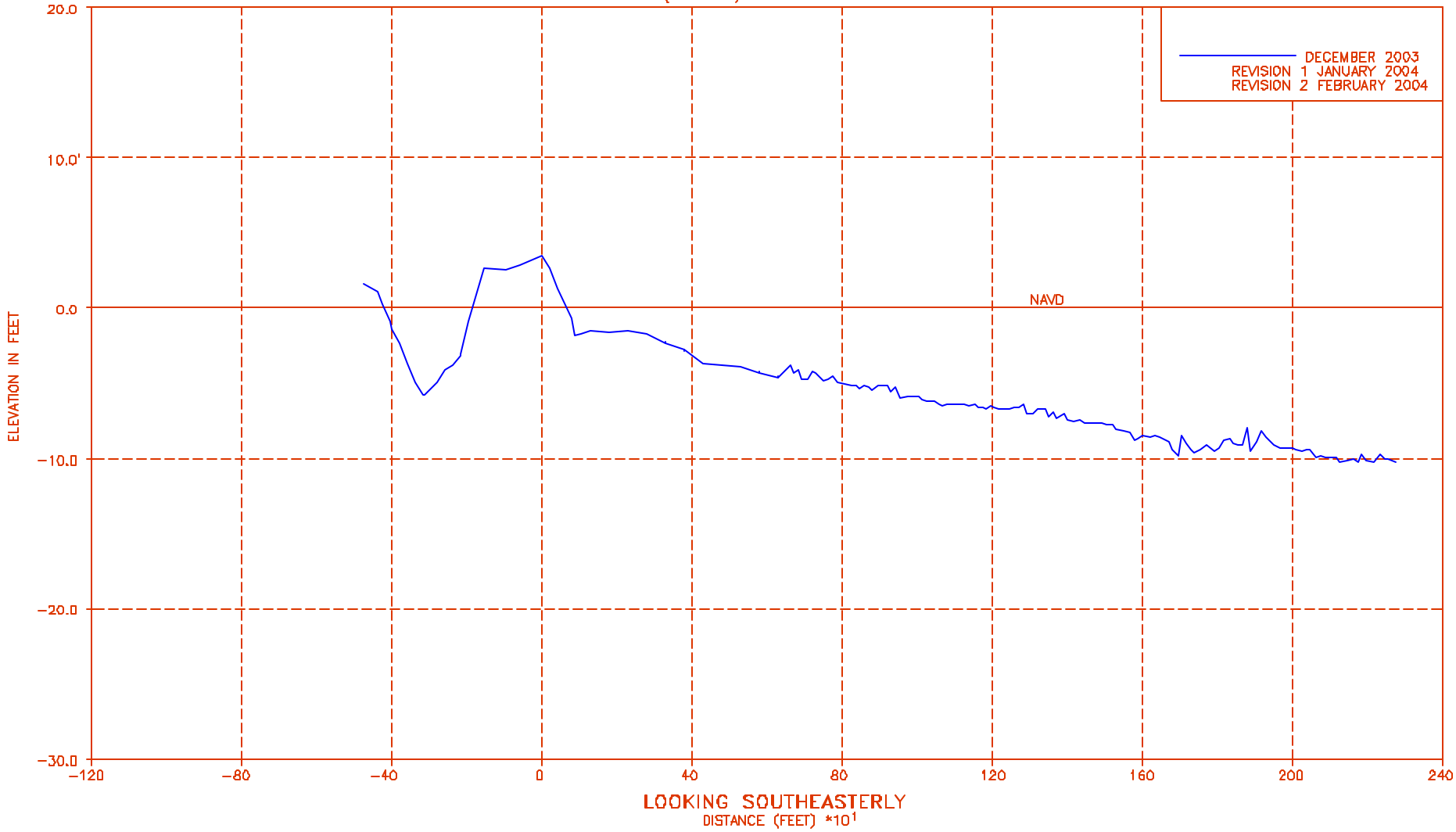
TETRA TECH EMI

CHALAND HEADLAND RESTORATION

DRAWN BY:	KDT	SHEET:	5
CHECKED BY:	DAB	SCALE:	AS NOTED
APPROVED BY:		DATE:	2/1/04
CAD FILE:	7641CG09		

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT

PROFILE LINE CG10



HORIZONTAL GRAPHIC SCALE

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0 5' 10' 20' 30'

VERTICAL GRAPHIC SCALE

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TETRA TECH EMI

CHALAND HEADLAND RESTORATION

DRAWN BY:	KDT	SHEET:	6
CHECKED BY:	DAB	SCALE:	AS NOTED
APPROVED BY:		DATE:	2/1/04
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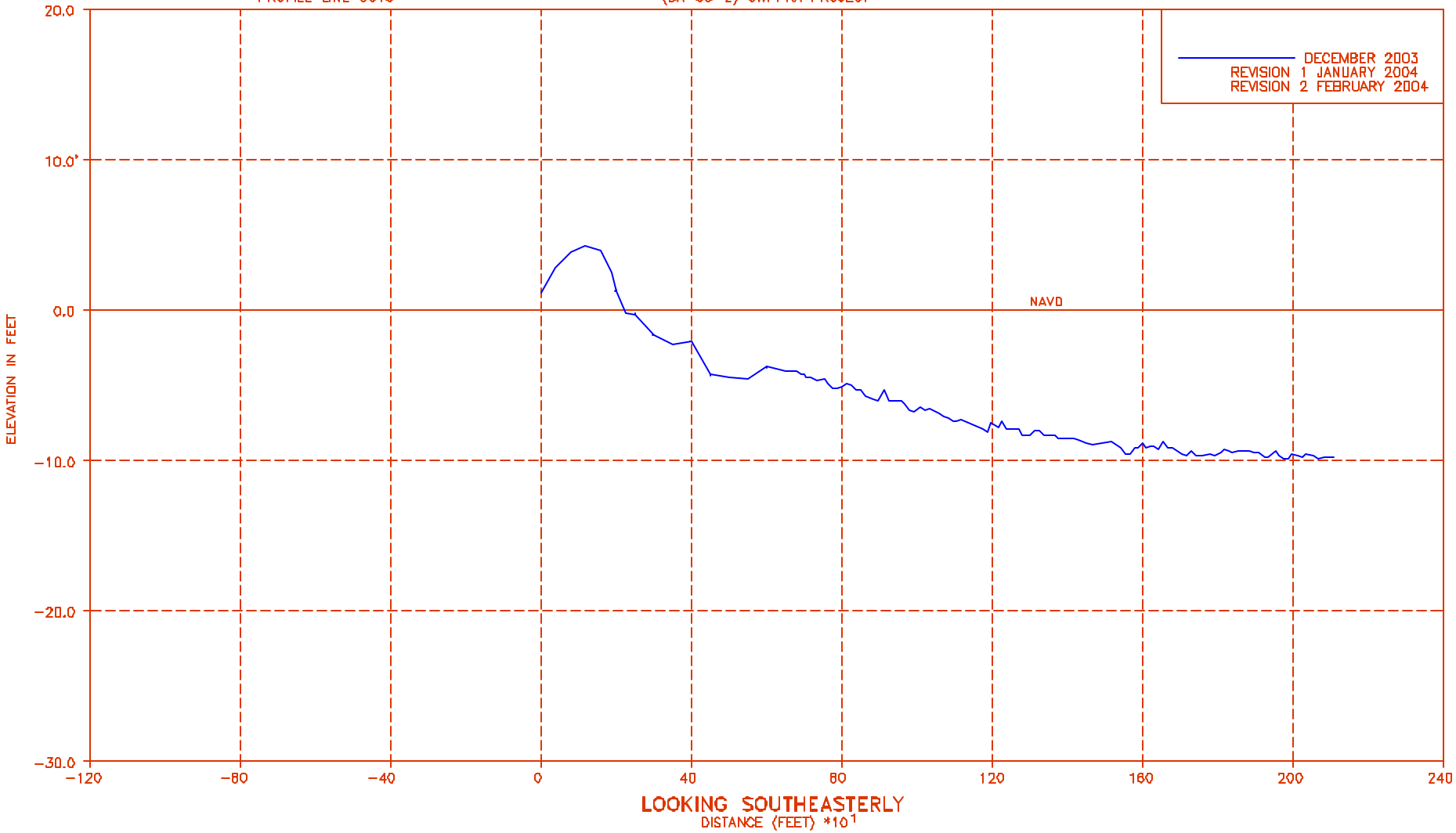
CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT

PROFILE LINE CG15



HORIZONTAL GRAPHIC SCALE

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0 5' 10' 20' 30'

VERTICAL GRAPHIC SCALE

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TETRA TECH EMI

CHALAND HEADLAND RESTORATION

DRAWN BY:	KDT	SHEET:	7
CHECKED BY:	DAB	SCALE:	AS NOTED
APPROVED BY:		DATE:	2/1/04
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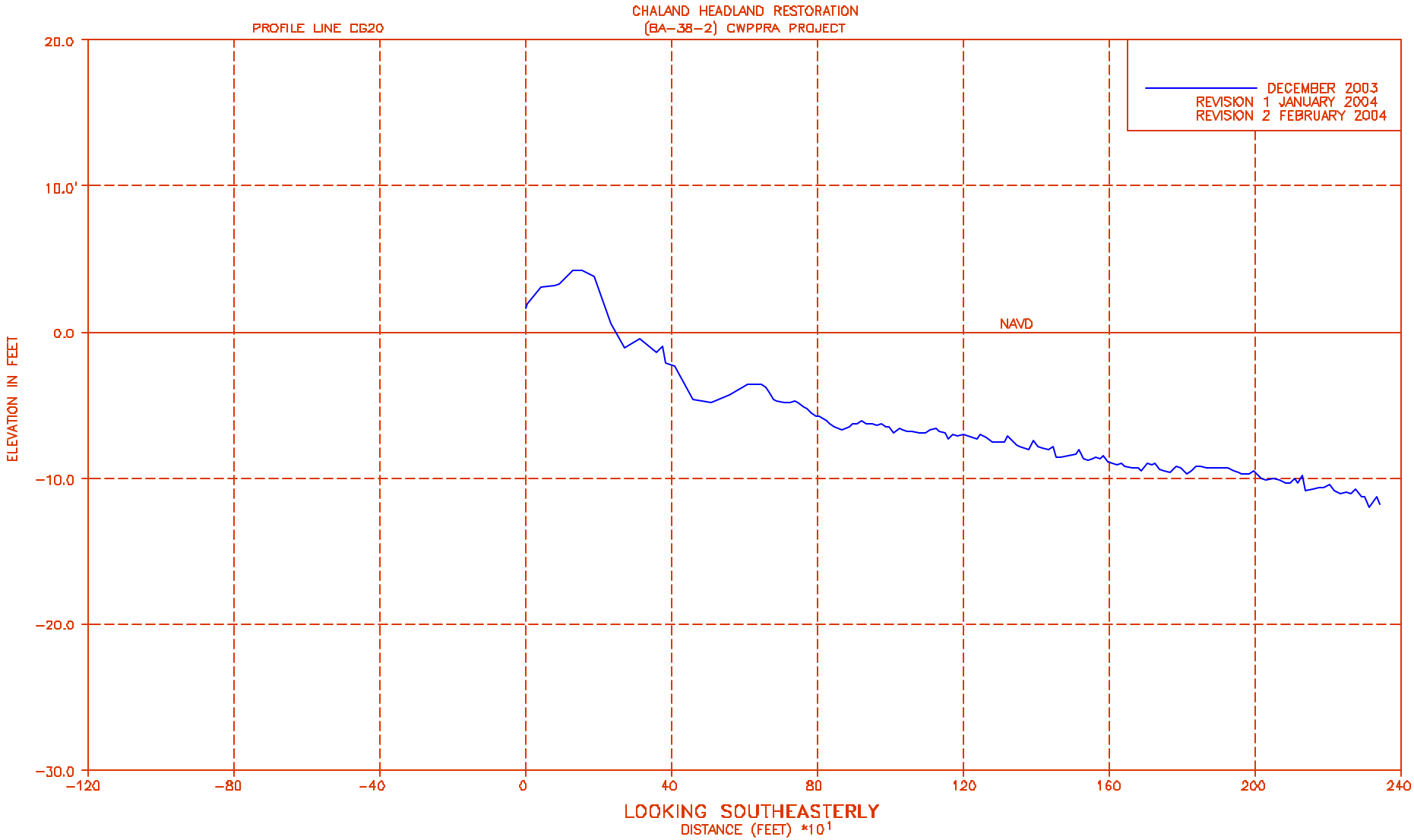

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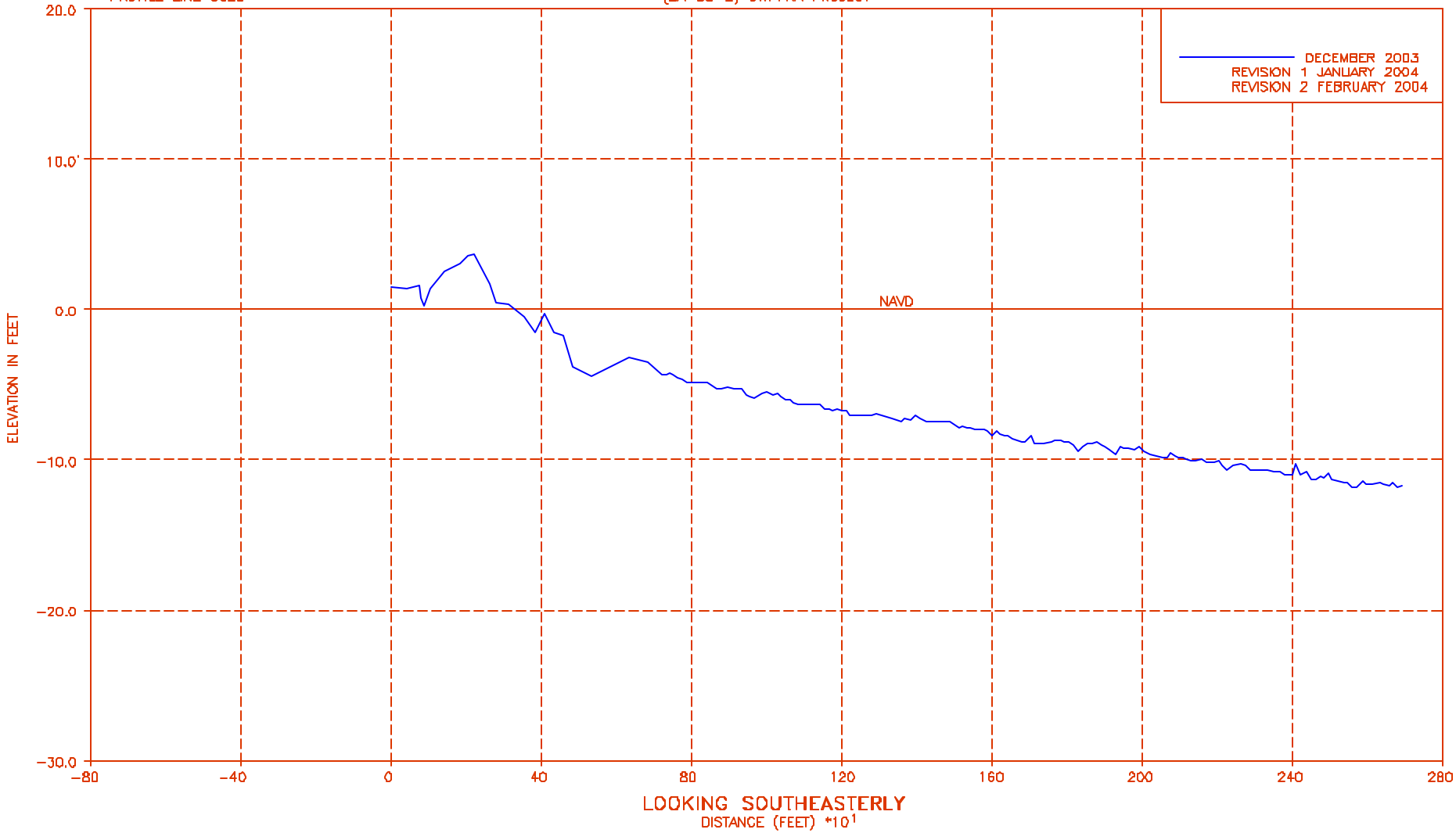
TETRA TECH EMI

CHALAND HEADLAND RESTORATION

DRAWN BY:	KDT	SHEET:	8
CHECKED BY:	DAB	SCALE:	AS NOTED
APPROVED BY:		DATE:	2/1/04
CAD FILE:	7641CG20		

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT

PROFILE LINE CG25



HORIZONTAL GRAPHIC SCALE

0 200' 400' 800' 1200'

0 5' 10' 20' 30'

VERTICAL GRAPHIC SCALE

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SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES
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TETRA TECH EMI

CHALAND HEADLAND RESTORATION

DRAWN BY:	KDT	SHEET:	9
CHECKED BY:	DAB	SCALE:	AS NOTED
APPROVED BY:		DATE:	2/1/04
CAD FILE:	7641CG25		

CHALAND HEADLAND RESTORATION (BA 38-2) CWPPRA PROJECT

ENVIRONMENTAL PROTECTION PROVISIONS

CHALAND HEADLAND RESTORATION (BA38-2) CWPPRA PROJECT

ENVIRONMENTAL PROTECTION PROVISIONS

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CHALAND HEADLAND RESTORATION (BA38-2) CWPPRA PROJECT

ENVIRONMENTAL PROTECTION PROVISIONS

1. SCOPE

The Environmental Protection Provisions of the Contract Documents addresses CONTRACTOR responsibilities for the prevention of pollution and other environmental damage as the result of construction operations under the Contract Documents, including those measures set forth in the Technical Provisions. For the purpose of this specification, pollution and other environmental damage are defined as the presence of chemical, physical, or biological elements or agents that adversely affect human health or welfare; unfavorably alter ecological balances of importance to human life; affect other species of importance to man; degrade the utility of the environment for aesthetic, cultural, and/or historical purposes, or unnecessarily damage/destroy environmental resources. The control of pollution and damage requires consideration of air, water, land and the marine environment and includes management of construction activities, visual aesthetics, noise, solid waste, radiant energy, and radioactive materials, as well as other pollutants. The CONTRACTOR shall fulfill these specifications at the CONTRACTOR'S expense.

2. QUALITY CONTROL

The CONTRACTOR shall establish and maintain quality control for environmental protection for all items set forth herein. The CONTRACTOR shall record on Daily Quality Control reports any problems in complying with laws, regulations and ordinances, as well as project permits, and corrective action taken.

3. PERMITS

The CONTRACTOR shall comply with all requirements under the terms and conditions set out in all permits applicable to the Work. The GOVERNMENT has received the appropriate permits and approvals from the Louisiana Department of Natural Resources, the U.S. Army Corps of Engineers, and the Louisiana Department of Environmental Quality. These permits are included in Appendix I and are part of the Contract Documents. Specifically, the CONTRACTOR will familiarize themselves with general and specific conditions contained in the Louisiana Department of Natural Resources permit, the U.S. Army Corps of Engineers permit, and the Louisiana Department of Environmental Quality permit. Any other licenses, easements or approvals required, including, but not limited to those which may be required by Plaquemines Parish or the GOVERNMENT, shall be secured and paid for by the CONTRACTOR.

4. SUBCONTRACTORS

Assurance of compliance with all sections of the contract by subcontractors shall be the responsibility of the CONTRACTOR, including compliance with all environmental and permit requirements.

5. NOTIFICATION

The GOVERNMENT will notify the CONTRACTOR of any known noncompliance with the aforementioned Federal, State, or Local laws or regulations, permits and other elements of the CONTRACTOR'S environmental protection plan. Nevertheless, it remains the sole responsibility of the CONTRACTOR to comply with all applicable Federal, State or Local laws or regulations, permits and all elements of the environmental protection plan. If there is known non-compliance, the GOVERNMENT will determine what action will be taken and such response will be transmitted to the CONTRACTOR by the GOVERNMENT which may include stopping construction of the project until the CONTRACTOR complies with the environmental protection plan. It will also be the CONTRACTOR'S responsibility that all subcontractors shall comply with all applicable laws, regulations, permit requirements, and all elements of the environmental protection plan.

6. PROTECTION OF ENVIRONMENTAL RESOURCES

The environmental resources within the project boundaries and those affected outside the limits of permanent work under this contract shall be protected during the entire period of this contract. To meet this requirement, the CONTRACTOR shall confine all activities to areas defined by the Plans and specifications. The CONTRACTOR shall, at all times, maintain adequate stakes or other markers required to delineate and layout work areas, access areas and corridors, protected land or environmental resources, no entrance areas, and sensitive areas to ensure the protection of resources The disturbance of lands and waters that are outside the limits of construction as marked on the plans is prohibited, except as found necessary and approved by the GOVERNMENT. The CONTRACTOR shall conduct his work in such manner as to prevent the entry of fuels, oils, bituminous materials, chemicals, sewage or other harmful materials into streams, lakes, marshlands, bays, or the Gulf of Mexico. The CONTRACTOR shall also conduct his work in such manner as to prevent the placement of any fill material and the discharge of project-related discharges of turbid effluent and runoff into streams, lakes, marshlands, bays, or the Gulf of Mexico. All waterways shall be cleared as soon as practicable of false work, stakes, piling, debris, or other obstructions placed during construction operations and not a part of the finished work. Details regarding environmental protection shall be as stated in the following subparagraphs.

6.1 **Protection of Land Resources:** Prior to the beginning of any construction, and at the request of the CONTRACTOR, the GOVERNMENT shall identify land resources (if any) to be preserved within the CONTRACTOR'S work area. Unless indicated in the plans or directed by the GOVERNMENT, the CONTRACTOR shall not remove, cut, deface, injure, or destroy land resources including sand dune, marsh or berm vegetation, trees, shrubs, vines, grasses, topsoil, and landforms without direct written permission from GOVERNMENT. No ropes, cables, or guys shall be fastened to or attached to any trees for anchorage unless specifically authorized by the Government. Where such special emergency use is allowed, the CONTRACTOR shall provide effective protection for land and vegetation resources at all times as defined in the following paragraphs. The CONTRACTOR will be responsible for the replacement of any damaged or destroyed vegetation outside the fill area, and the restoration of any water bottoms and land forms to the satisfaction of the GOVERNMENT. Failure to replace damaged or destroyed vegetation or

failure to restore damaged water bottoms and land forms outside the fill area by the CONTRACTOR may result in replacement by the GOVERNMENT; the cost of replacement will be deducted from monies due to the CONTRACTOR or from monies which will be due to the CONTRACTOR by the GOVERNMENT.

6.2 **Work Area Limits:** Isolated areas (if any) within the work area which are to be saved and protected shall also be identified by the GOVERNMENT and marked or fenced by the CONTRACTOR. All survey monuments and markers shall be protected before construction operations commence. Where construction operations are to be conducted during darkness, the markers shall be made visible by lighting. The CONTRACTOR shall convey to all subcontractors and personnel the purpose of marking and/or protection for all necessary objects.

6.3 **Retardation and Control of Runoff:** Runoff from the construction site shall be controlled by the CONTRACTOR by the construction, maintenance, and operations of primary and secondary retention dikes, temporary water control structures or spillboxes, routing of effluent and discharge through fill and water discharge areas, use of turbidity control measures such as silt curtains, and active management of all effluent, discharge and runoff. Dikes will be constructed as shown on the plans and described in the Technical Specifications above the mean high water line and maintained in continuous repair to allow settling of fine materials from dredging, or as required by permit documents.

6.4 **Disposal of Solid Wastes:** Solid wastes (including clearing debris) and rubbish resulting from CONTRACTOR'S activities shall be picked up daily and placed in containers. These containers shall be removed from the beach area and emptied on a regular schedule. The CONTRACTOR will empty containers when three-quarters full and will avoid overflow conditions. CONTRACTOR shall not burn any rubbish at the project site. Disposal of rubbish shall be at an approved off-site location and in a manner that complies with state and local laws and regulations. CONTRACTOR shall be solely responsible for all costs associated with the collection, removal and disposal of rubbish. All handling and disposal shall be conducted to prevent contamination. No steel, cables, wire, pipe, drums or any other solid waste or debris shall be permitted to be disposed overboard into the waters of the Gulf of Mexico or any other water body. Disposal of solid wastes or debris in the Gulf of Mexico is a violation of State and Federal laws. If such debris is found, the debris shall be removed by the CONTRACTOR at his own cost, the cost of removal will be deducted from monies due to the CONTRACTOR or from monies which will be due to the CONTRACTOR by the GOVERNMENT.

6.5 **Disposal of Chemical Waste:** Chemical waste shall be stored in corrosion resistant containers, removed from the work area and disposed of in accordance with Federal, State, and Local regulations. The CONTRACTOR shall perform all maintenance of equipment, including but not limited to refueling, filter changes, and replacement of hydraulic lines in a manner so as not to contaminate soils, ground or surface waters, or any other natural resources.

6.6 **Disposal of Discarded Materials:** Discarded materials other than those which can be included in the solid waste category will be handled by the CONTRACTOR as directed by the GOVERNMENT.

6.7 **Use of Equipment:** Outside the fill areas as marked on the plans, any wheeled or tracked vehicles used on the project site is prohibited in and adjacent to existing vegetated wetlands, bay shorelines, gulf shorelines, or any other sensitive areas unless authorized by the GOVERNMENT. Any damage to wetland vegetation or change in the existing elevation (e.g., ruts, tracks, inappropriate excavation) of greater than six inches in wetland areas, bay bottom, flats, etc., occurring on the site or adjacent property, as a result of construction operations, shall be repaired by the CONTRACTOR, at no additional expense to the GOVERNMENT. Marsh buggy use on existing vegetated areas and wetlands outside of the fill areas is strictly PROHIBITED.

6.8 **Siltation / Turibidity Control:** The CONTRACTOR shall conduct work in a manner that will not cause damaging siltation or pollution of any water bodies. All applicable Federal and State regulations of agencies and statutes relating to the prevention and abatement of pollution shall be complied with in the performance of the Contract.

6.9 **Protection of Water, Fish and Wildlife Resources:** The CONTRACTOR shall keep construction activities under continued surveillance, management, and control to minimize interference with, disturbance to, and damage of water, fish, and wildlife resources. Species that require specific consideration, as well as measures for their protection, will be addressed in the CONTRACTOR'S Environmental Protection Plan prior to the beginning of project construction.

6.10 **Protection of Commercial Fisheries:** The CONTRACTOR shall note that bays, water bottoms, creeks and ponds in the vicinity of the project may include numerous publicly- and privately-issued leases for the cultivation and harvest of commercial fishery resources. The location of publicly-issued oyster leases in the vicinity of the project is depicted in Appendix II. The CONTRACTOR shall conduct all aspects of its operations to avoid any and all impacts to such leases.

6.10 **Water Discharge:** A water discharge area is identified within the construction plans. The number and location of discharges into the area is at the discretion of the CONTRACTOR. The CONTRACTOR is required to discharge water from the discharge area into adjacent waters to avoid impoundment of water. The CONTRACTOR must provide a Turbidity Control Plan detailing means and methods for any discharge of water outside the project footprint. The plan must contain methods to limit turbidity and sedimentation in open water. Turbidity curtains shall be used at all outflow areas. The turbidity control plan must be submitted to the GOVERNMENT seven (7) days prior to the pre-construction meeting.

6.10.1 The CONTRACTOR may use any number or design of water control structures for water discharge provided the structure is of sufficient size to discharge an appropriate volume of water. The rate of discharge must be manually controllable with the ability to completely shut off discharge through the structure.

6.10.2 In the event that the GOVERNMENT observes signs of the discharge of turbid waters which form noticeable plumes outside the limits of work, the GOVERNMENT may, at its sole discretion, require that the CONTRACTOR immediately initiate twice daily turbidity sampling with reports to the GOVERNMENT. No additional compensation shall be paid to the contractor for this work.

6.12 **Protection of Air Resources:** The CONTRACTOR shall keep construction activities under surveillance, management, and control to minimize pollution of air resources. All activities, equipment, processes, and work operated or performed by the CONTRACTOR in accomplishing the specified construction shall be in strict accordance with the applicable air pollution standards of the State of Louisiana and all Federal emission and performance laws and standards.

6.13 **Dispensing of Fuel:** Secondary containment, which is capable of holding at minimum 110% of the tank contents, must be provided by the CONTRACTOR for each fuel storage tank. Fuel dispensers shall have a 4-foot square, 16-gauge metal pan with borders banded up and welded at corners right below the bibb. Edges of the pans shall be 8-inch minimum in depth to ascertain that no contamination of the ground takes place. Pans shall be cleaned by an approved method immediately after every dispensing of fuel and wastes disposed of offsite in an approved area. Should any spilling of fuel occur, the CONTRACTOR shall immediately contain the spill and contact the GOVERNMENT and the appropriate local authorities. The CONTRACTOR will be solely responsible for any fines, penalties or other legal activities related to fuel spills.

6.14 **Temporary Sanitary Facility:** The CONTRACTOR shall furnish and maintain chemical toilets for use by its employees and the GOVERNMENT on the project site. Chemical toilets shall be cleaned on a regular basis to ensure that odor does not become a nuisance. The CONTRACTOR shall be responsible to coordinate, maintain, and monitor a cleaning schedule that is appropriate for the number of CONTRACTOR personnel on site.

6.15 **Storage of Lubricants:** All lubricants and other potential liquid pollutants shall be stored in sealed, non-corrosive containers. Individual containers shall be stored in metal pans with borders banded up and welded at the corners right below the bibb. Pans shall be deep enough to prevent contamination of the ground. Pans shall be kept clean of all spillage or leakage.

7. PROTECTION OF MIGRATORY AND OTHER PROTECTED BIRDS

7.1 Certain bird species are protected by the U.S. Fish and Wildlife Service and the Louisiana Department of Wildlife and Fisheries. Protected bird species most likely to be encountered include, but are not limited to, least terns, black skimmers, and brown pelicans. The CONTRACTOR is invited to employ personnel familiar with protected birds to allow for easy identification of birds encountered during the execution of work under this contract.

7.2 The CONTRACTOR shall patrol twice daily, gulf-side beaches, associated sand flats and overwash areas, and island fill areas to identify any nesting birds from the initiation of construction activities through September 15, 2005. This effort includes not only existing beaches, dunes and sand flats, but dunes, dune slopes, beach berms, and other areas of island fill created during the execution of work. The CONTRACTOR shall especially patrol/traverse unvegetated or sparsely vegetated sand flats overwash areas, and island fill areas such as the created dune, which are prime nesting habitat. The CONTRACTOR should note that created island habitat are premium nesting habitats; consequently, increased patrols of created island habitat may be required to preclude the initiation of nesting on these areas prior to the installation of sand fences. Such patrols shall continue throughout the period of construction, or until all work (including grading and shaping, sand fence installation, and access activities) is completed for acceptance segments. <u>In the event that the CONTRACTOR discovers any evidence of nests or eggs of any protected bird species, the CONTRACTOR shall immediately cease work in the immediate vicinity of the nest and shall immediately notify the GOVERNMENT</u>.

7.3 The CONTRACTOR shall include a description of daily patrols (personnel, locations, time), the patrol results (any bird observations, species observed, location, behavior, nests found), and any actions taken as a result of such patrols or observations, in the DAILY CONTRACTOR QUALITY CONTROL REPORT, Appendix IV, General Conditions.

8. POST CONSTRUCTION CLEAN-UP

The CONTRACTOR shall clean-up any area used for construction as stated in General Conditions.

9. RESTORATION OF LANDSCAPE DAMAGE

The CONTRACTOR shall restore all landscape features, land resources, water resources, and fish and wildlife resources damaged or destroyed during construction operations outside the limits of the approved work areas. Such restoration shall be in accordance with a plan submitted for approval by the GOVERNMENT. This work will be accomplished at the CONTRACTOR'S expense. Final payment to the CONTRACTOR shall not occur until the GOVERNMENT is satisfied with the CONTRACTOR'S effort to restore landscape or any other damage caused by the CONTRACTOR or his subcontractors.

10. MAINTENANCE OF POLLUTION CONTROL FACILITIES

The CONTRACTOR shall maintain constructed facilities and portable pollution control devices for the duration of the contract or for that length of time construction activities create the particular pollutant.

11. TRAINING OF CONTRACTOR PERSONNEL IN POLLUTION CONTROL AND ENVIRONMENTAL PROTECTION

The CONTRACTOR shall train all subcontractors and personnel in all phases of environmental protection. Personnel and subcontractors will be familiar with permit requirements, and with the necessity of protection of all habitats. The training shall include methods of detecting and avoiding pollution, familiarization with pollution standards, both statutory and contractual, and installation and care of facilities to insure adequate and continuous environmental pollution control. Quality Control and supervisory personnel shall be thoroughly trained in the proper use of monitoring devices and abatement equipment, and shall be thoroughly knowledgeable of Federal, State, and Local laws, regulations, and permits as listed in the Environmental Protection Plan submitted by the CONTRACTOR. Quality Control personnel will be identified in the Quality Control Plan submitted in accordance with the General Conditions.

12. FUEL OIL TRANSFER OPERATIONS

In accordance with the U.S. Coast Guard regulations (33 CFR 156.120, or as revised or updated), couplings used in fuel oil transfer operations on any vessel with a capacity of 250 or more barrels of oil (or fuel) shall be either a bolted or full-threaded connection; or a quick-connect coupling approved by the Commandant; or an automatic back-pressure shutoff nozzle used to fuel the vessel. An executed fuel oil transfer (Declaration) form signed by the tanker man shall be completed for each refueling operation. The U.S. Coast Guard shall also be notified prior to any refueling.

13. SUBMITTALS

13.1 **Environmental Protection Plan:** Seven (7) days prior to the pre-construction meeting, the CONTRACTOR shall submit in writing an Environmental Protection Plan to the GOVERNMENT. Approval of the CONTRACTOR'S plan will not relieve the CONTRACTOR of his responsibility for adequate and continuing control of pollutants and other environmental protection measures. The Environmental Protection Plan shall include but may not be limited to the following:

13.1.1 Methods for protection of features and habitats to be preserved within authorized work areas. The CONTRACTOR shall prepare a listing of methods to protect resources needing protection, i.e. all vegetation, trees, shrubs, vines, grasses and ground cover, landscape features, air and water quality, fish and wildlife, soil, historical, archeological and cultural resources, and environmental resources.

13.1.2 Procedures to be implemented by the CONTRACTOR to assure compliance with the environmental protection requirements of Section 6.1, Environmental Protection, and to comply with the applicable permits, laws and regulations. The CONTRACTOR shall address each element of Environmental Protection described in Section 6.1. The CONTRACTOR also shall provide written assurance that immediate corrective action will be taken to correct pollution of the environment due to accident, natural causes or failure to follow the procedures set out in accordance with the Environmental Protection Plan.

13.1.3 Procedures to be implemented by the CONTRACTOR to assure compliance with protection of water, fish and wildlife resources requirements of Section 6.2, and to comply with the applicable permits, laws and regulations. The CONTRACTOR shall address each element of Protection of Water, Fish and Wildlife described in Section 6.2. The CONTRACTOR shall also provide written assurance that immediate corrective action will be taken to correct pollution of the environment due to accident, natural causes or failure to follow the procedures set out in accordance with the Environmental Protection Plan.

13.1.4 A list of Federal, State, and Local laws, regulations, and permits concerning environmental protection, pollution control, and abatement that are applicable to the CONTRACTOR'S proposed operations and the requirements imposed by those laws, regulations, and permits.

13.1.5 Drawings showing locations of any proposed temporary excavations or embankments for haul roads, material storage areas, structures, sanitary facilities, and stockpiles of excess or spoil materials.

13.1.6 Environmental monitoring plans for the jobsite, including land, water, air and noise monitoring.

13.1.7 Turbidity Control plan which describes measures to be taken by the CONTRACTOR to avoid the discharge of turbid, silt-laden, water from the project area sufficient to ensure that water bodies, wildlife, and fisheries resources including commercial fisheries resources will not be damaged. The CONTRACTOR must provide a Turbidity Control Plan detailing means and methods for any discharge of water outside the project footprint. The plan must contain methods to limit turbidity and sedimentation in open water. Turbidity curtains shall be used at all outflow areas.

13.1.8 Oil spill prevention.

13.1.9 Oil spill contingency plan.

13.1.10 A protection plan for threatened and/or endangered species within the project area

13.1.12 Work area plan showing the proposed activity in each portion of the area and identifying the areas of limited use or nonuse. Plan should include measures for marking the limits of use areas.

13.1.13 The location of the solid disposal area.

13.1.14 A statement as to the person who will be responsible for implementation of the Environmental Protection Plan. The CONTRACTOR personnel responsible shall report directly to the CONTRACTOR'S top management and shall have the authority to act for the CONTRACTOR in all environmental protection matters.

13.1.15 A statement acknowledging that the CONTRACTOR is responsible for environmental protection, including all of the CONTRACTOR'S personnel and subcontractors.

13.1.16 The Environmental Protection Plan will be dated and endorsed by the individual of top management in charge of the construction.

14. NOISE CONTROL

The CONTRACTOR shall comply with all Federal, state and local sound control and noise level ordinances, regulations and laws that apply to the project site. All hauling and excavating equipment, including dredges, used on this Work shall be equipped with satisfactory mufflers or other noise abatement devices. Booster pumps used on this Work shall be equipped with either or both satisfactory mufflers and other sound abatement devices to reduce engine noise. The GOVERNMENT may request the CONTRACTOR to construct a sound barrier landward of booster pumps in order to reflect noise waterward.

APPENDIX I

USACE PROJECT PERMIT

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF

MAR 31 2004

RECEIVED
MAY 02 2005
BY:_____

Operations Division
Eastern Evaluation Section

SUBJECT: EDD 20-040-0451

NOAA Fisheries
Baton Rouge Field Office
c/o Louisiana State University
Baton Rouge, Louisiana 70803-7535

Gentlemen:

Enclosed is a permit dated this date, subject as above, authorizing work under the Department of the Army permit program.

You are again reminded that any work not in accordance with the approved plans is subject to removal regardless of the expense and the inconvenience that such removal may involve and regardless of the date when the discrepancy is discovered.

Your attention is directed to all the terms and conditions of the approval. In order to have the work approved in accordance with the issued permit, all terms and conditions of the permit and plans shown on the drawings attached thereto must be rigidly adhered to.

It is necessary that you notify the District Engineer, Attention: Eastern Evaluation Section, in writing, prior to commencement of work and also upon its completion. The notification must include the permittee's name, as shown on the permit, and the permit number. Please note the expiration date on the permit. Should the project not be completed by that date, you may request a permit time extension. Such requests must be received before, but no sooner than six months before, the permit expiration date and must show the work completed and the reason the project was not finished within the time period granted by the permit.

A copy of Page 1 of the permit (ENG Form 1721) must be conspicuously displayed at the project site. Also, you must keep a copy of the signed permit at the project site until the work is completed.

Sincerely,

Pete J. Serio
Chief, Eastern Evaluation Section

Enclosures

DEPARTMENT OF THE ARMY PERMIT

Permittee: NOAA Fisheries

Permit No. EDD 20-040-0451

Issuing Office: New Orleans District

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

PROJECT DESCRIPTION: Excavation and deposition of fill material (and possible placement of temporary sheet piling or sunken barges), for shoreline stabilization and marsh creation, to implement the Chaland Headland Restoration CWPPRA Project (BA-38-2), in accordance with drawings attached in 14 sheets; sheet 13, dated July 29, 2003; sheet 5, dated October 9, 2003; sheets 8 thru 10, dated October 17, 2003; and sheets 1 thru 4; 6, 7; 11,12; and 14, dated November 17, 2003.

PROJECT LOCATION: On Chaland Headland (between Pas La Mer and Chaland Pass), approximately 48 nautical miles south-southeast of New Orleans, Louisiana, in Plaquemines Parish, and in the Gulf of Mexico, as shown on the attached drawings.

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on **APRIL 30, 2009**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least 1 month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions: Page(s) 4

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

x Rick Hartman (for) x 3/23/04

(PERMITTEE) NOAA Fisheries (DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

Pete Serio 31 March 2004

Pete J. Serio, Chief Eastern Evaluation Section (DATE)

for Peter J. Rowan, District Engineer

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE) (DATE)

Special conditions: EDD 20-040-0451

7. Appropriate erosion and siltation controls must be used and maintained in effective operating condition during construction. This includes the use of water control structures, turbidity screens, etc., in water discharge areas.

8. All exposed soil and other fills must be stabilized and/or planted with appropriate marsh and dune species at the earliest practicable date.

9. All structural elements, such as sheet pile or sunken barges, must be removed prior to project completion.

10. Your use of the permitted activity must not interfere with the public's right to free navigation on all navigable waters of the United States.

11. You must install and maintain at your expense, any safety lights and signals prescribed by the United States Coast Guard, through regulations or otherwise, on your authorized facilities.

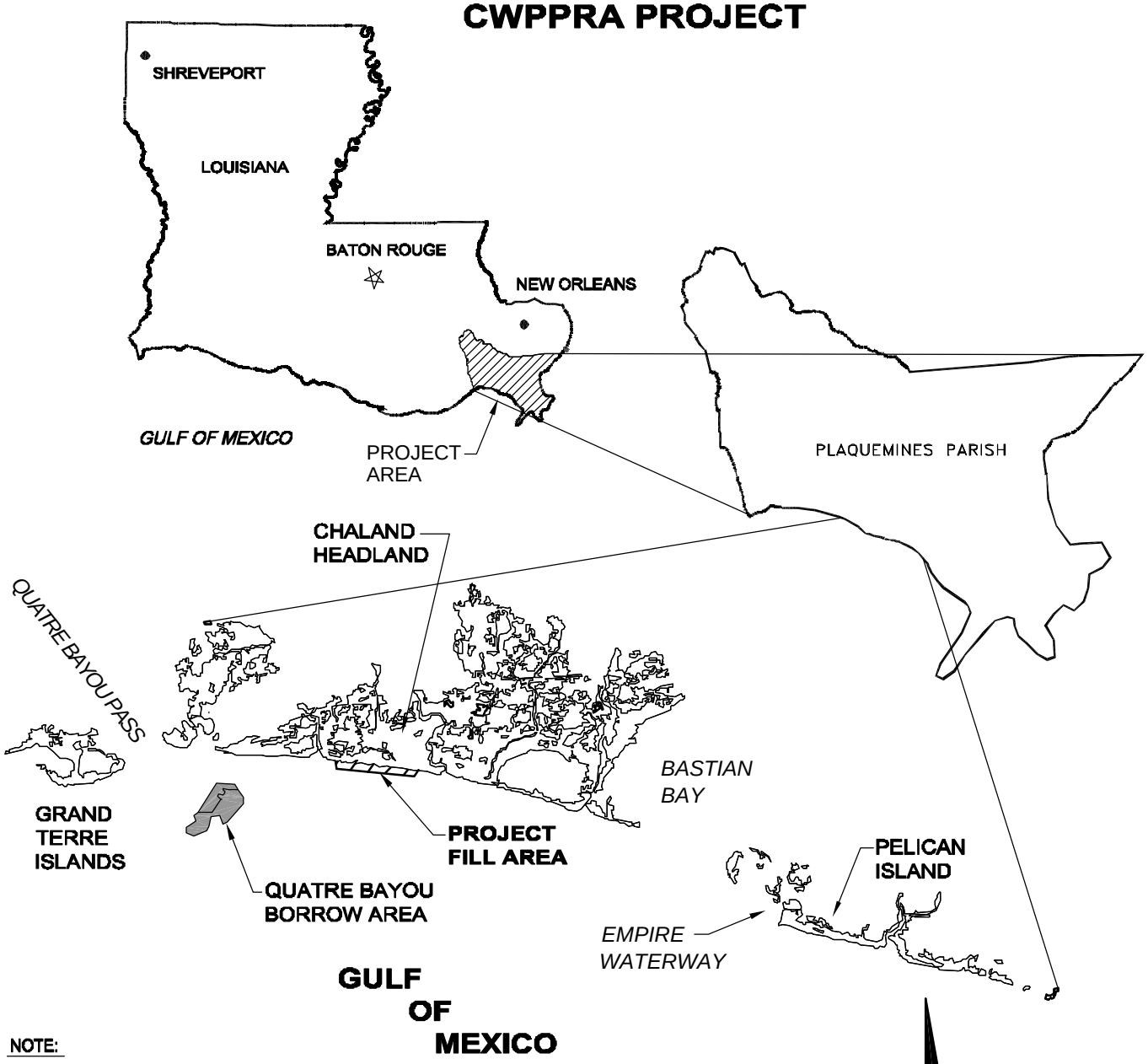
12. Special attention must be given to properly marking and/or lighting any temporary obstructions to recreational and commercial fishing resulting from project construction, and to advertising construction periods to these interested parties to the greatest extent practicable.

13. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

14. If the proposed project, or future maintenance work, involves the use of floating construction equipment (barge mounted cranes, barge mounted pile driving equipment, floating dredge equipment, dredge discharge pipelines, etc.,) in the waterway, you are advised to notify the Eighth Coast Guard District so that a Notice to Mariners, if required, may be prepared. Notification, with a copy of your permit approval and drawings, should be mailed to the Commander (m), Eighth Coast Guard District, ATTN: Vessel Traffic Management Branch, 501 Magazine Street, New Orleans, Louisiana 70130-3396, about 1 month before you plan to start work. Telephone inquiries can be directed to (504) 589-4686.

15. This permit does not obviate the permittee from obtaining any required permits or approvals from the Louisiana Department of Wildlife and Fisheries or the US Fish and Wildlife Service.

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT



NOTE:
SOURCE OF MAP: LOUISIANA GIS CD;
A DIGITAL MAP OF THE STATE, 2 CD SET.

N

0 1 2 3 4
GRAPHIC SCALE IN MILES

SHEET INDEX

NO.	TITLE
1	LOCATION MAP
2-3	PROJECT PLAN VIEW
4	QUATRE BAYOU BORROW AREA BATHYMETRY
5-6	QUATRE BAYOU BORROW AREA CROSS SECTIONS
7-9	FILL CROSS SECTIONS
10	BARGE ACCESS CANAL CROSS SECTION A-A' (TYP.)
11	TYPICAL CANAL CLOSURE PROFILE B-B' (TYP.)
12	TYPICAL CANAL CLOSURE CROSS SECTION C-C' (TYP.)
13	BREACH CLOSURE CROSS SECTION D-D'
14	BREACH CLOSURE PROFILE E-E'

REVISIONS		
DATE	BY	DESCRIPTION

TITLE: CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT LOCATION MAP

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116
COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

DATE: 11/17/03
BY: JRC
COMM NO.: 7261.07
SHEET: 1

H:\Louisiana\726107\PERMITS\CHALAND\CHALAND LOCATION_MAP.dwg

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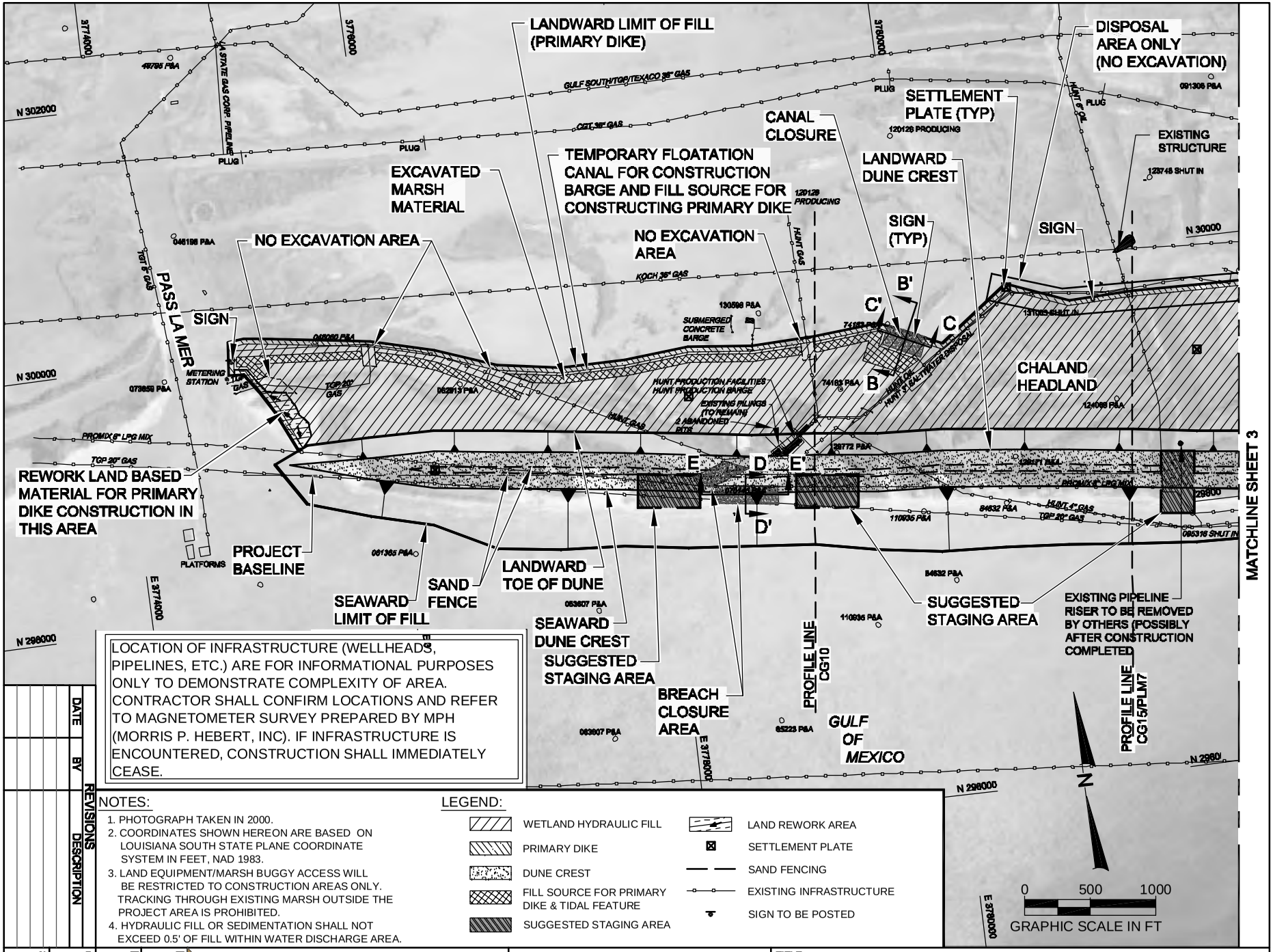

LOCATION OF INFRASTRUCTURE (WELLHEADS, PIPELINES, ETC.) ARE FOR INFORMATIONAL PURPOSES ONLY TO DEMONSTRATE COMPLEXITY OF AREA. CONTRACTOR SHALL CONFIRM LOCATIONS AND REFER TO MAGNETOMETER SURVEY PREPARED BY MPH (MORRIS P. HEBERT, INC). IF INFRASTRUCTURE IS ENCOUNTERED, CONSTRUCTION SHALL IMMEDIATELY CEASE.

NOTES:

1. PHOTOGRAPH TAKEN IN 2000.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.
4. HYDRAULIC FILL OR SEDIMENTATION SHALL NOT EXCEED 0.5' OF FILL WITHIN WATER DISCHARGE AREA.

LEGEND:

- WETLAND HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE & TIDAL FEATURE
- SUGGESTED STAGING AREA
- LAND REWORK AREA
- SETTLEMENT PLATE
- SAND FENCING
- EXISTING INFRASTRUCTURE
- SIGN TO BE POSTED

REVISIONS		
DESCRIPTION	BY	DATE

SHEET: 2	COMM NO.: 7261.07	BY: JRC	DATE: 11/17/03	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net

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BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT PLAN VIEW**

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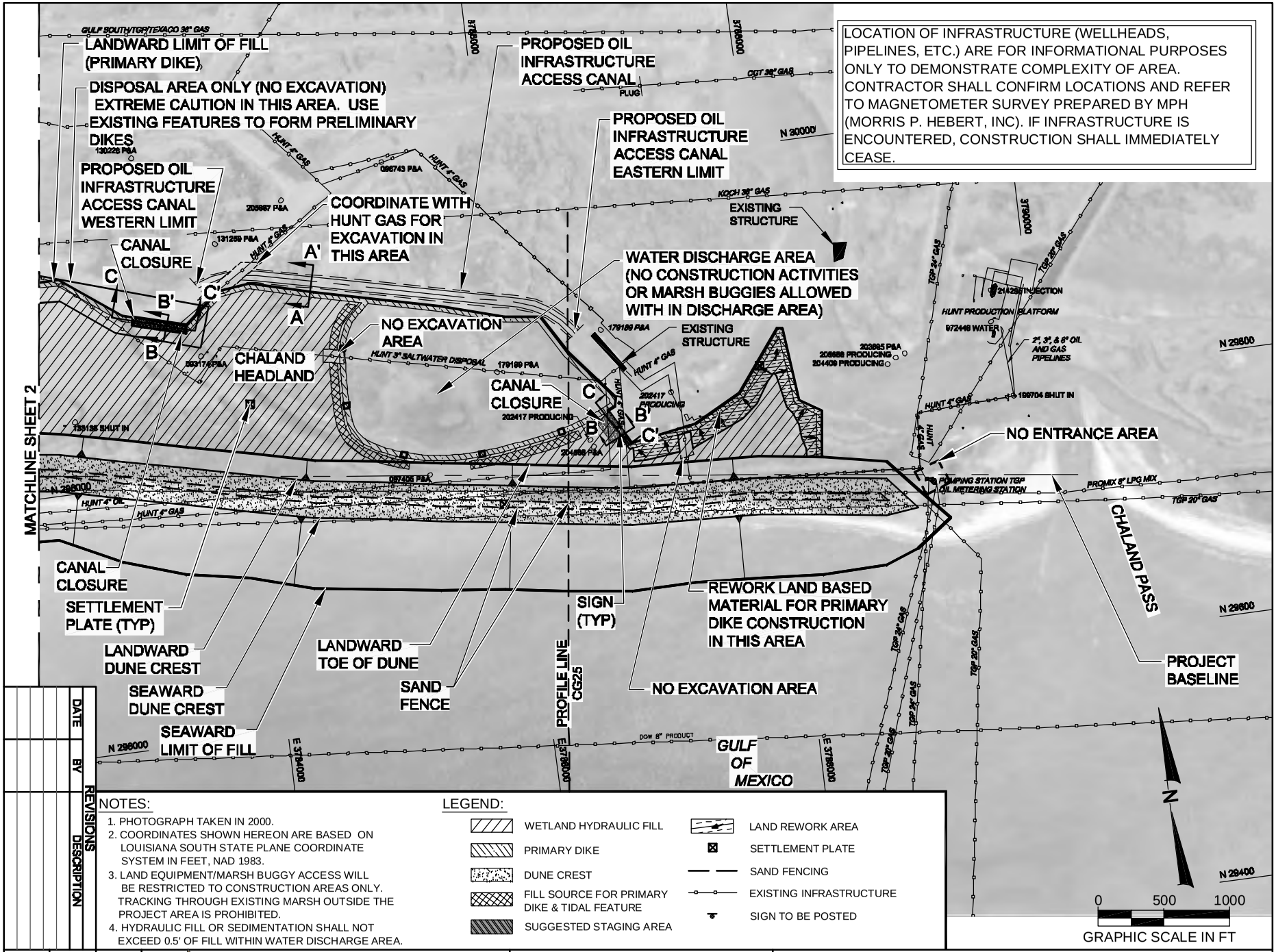

LOCATION OF INFRASTRUCTURE (WELLHEADS, PIPELINES, ETC.) ARE FOR INFORMATIONAL PURPOSES ONLY TO DEMONSTRATE COMPLEXITY OF AREA. CONTRACTOR SHALL CONFIRM LOCATIONS AND REFER TO MAGNETOMETER SURVEY PREPARED BY MPH (MORRIS P. HEBERT, INC). IF INFRASTRUCTURE IS ENCOUNTERED, CONSTRUCTION SHALL IMMEDIATELY CEASE.

NOTES:

1. PHOTOGRAPH TAKEN IN 2000.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.
4. HYDRAULIC FILL OR SEDIMENTATION SHALL NOT EXCEED 0.5' OF FILL WITHIN WATER DISCHARGE AREA.

LEGEND:

- WETLAND HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE & TIDAL FEATURE
- SUGGESTED STAGING AREA
- LAND REWORK AREA
- SETTLEMENT PLATE
- SAND FENCING
- EXISTING INFRASTRUCTURE
- SIGN TO BE POSTED

REVISIONS		
DESCRIPTION	BY	DATE

SHEET:	COMM NO.:	BY:	DATE:
3	7261.07	JRC	11/17/03

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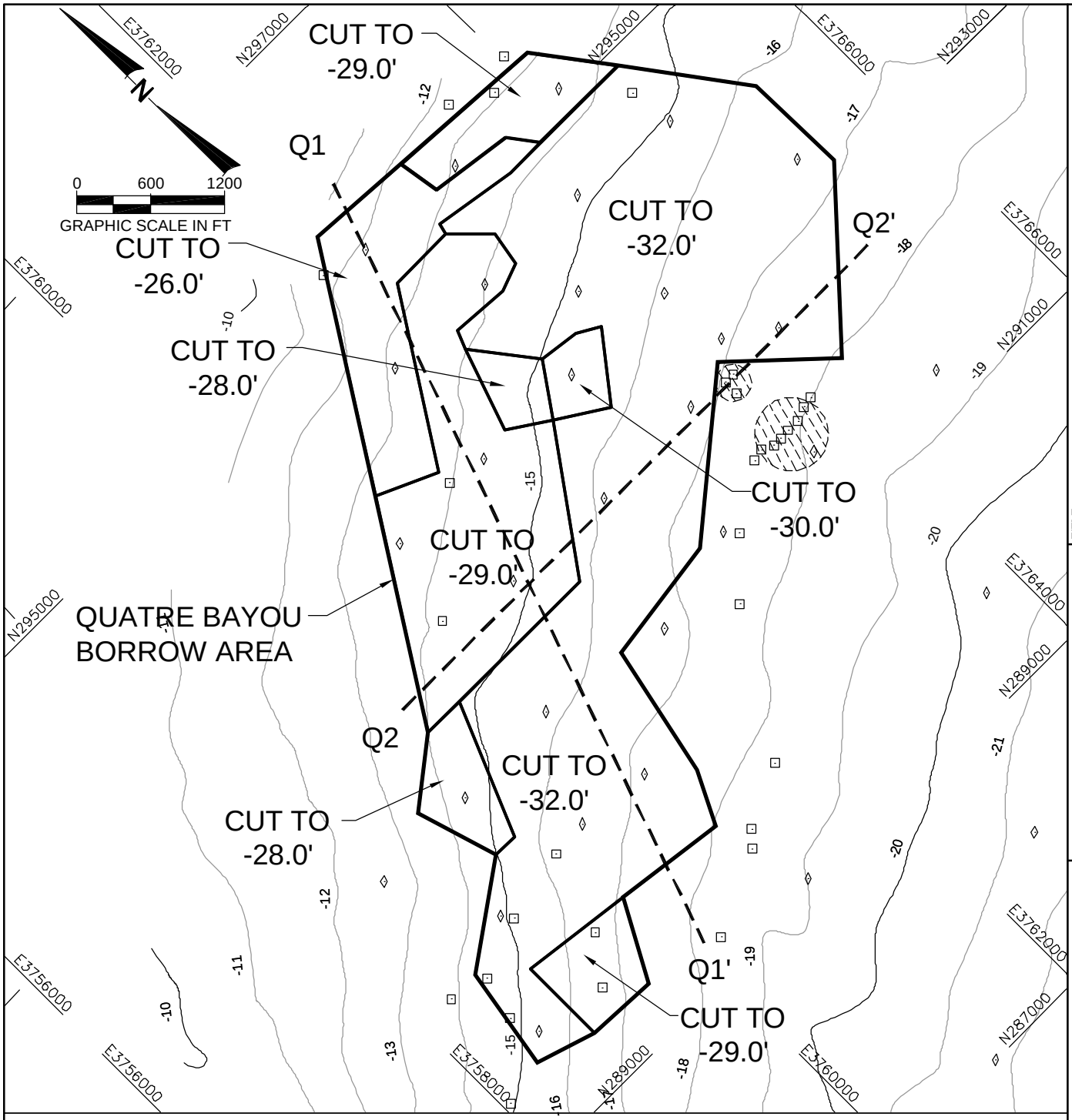
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

TITLE:

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT PLAN VIEW



NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
   CONTOURS SHOWN HEREON ARE IN FEET AND DERIVED FROM THE BATHYMETRIC SURVEY CONDUCTED BY CPE ON 8/6/02 - 8/15/02.

LEGEND:

- DENOTES CPE 2002 VIBRACORE LOCATION
- DENOTES 2002 MAGNETOMETER HIT
- DENOTES BSS CORE LOCATIONS (FROM USGS FILE REPORT NO. 01-384, DATED SEPTEMBER 2001, APPENDIX B CD ROM)
- DENOTES MAGNETIC ANOMALY WITH BUFFER

REVISIONS		
DATE	BY	DESCRIPTION

TITLE:
CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
QUATRE BAYOU BORROW AREA BATHYMETRY

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

DATE: 11/17/03
BY: JRC
COMM NO.: 7261.07
SHEET: 4

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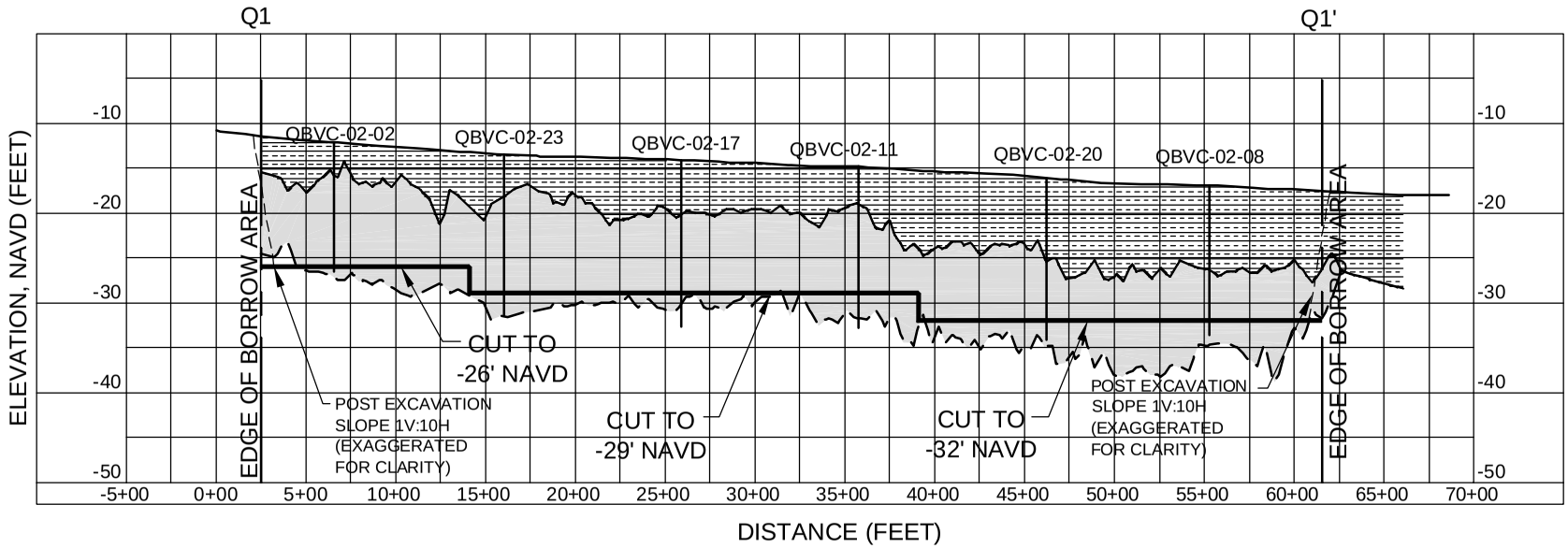
QUATRE BAYOU BORROW AREA
CROSS SECTION Q1-1'



LEGEND:

QBVC-02-17 DENOTES CPE 2002 VIBRACORE LOCATION

BEACH COMPATIBLE SEDIMENTS

SURFACE SILT/CLAY LAYER (TO BE USED FOR MARSH CONSTRUCTION)

INTERMITTENT ACCOUSTIC REFLECTOR WITHIN SAND DEPOSIT

NOTES:

1. VIBRACORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. SEE SHEET 4 FOR LOCATION OF CROSS SECTION LINES.
3. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.

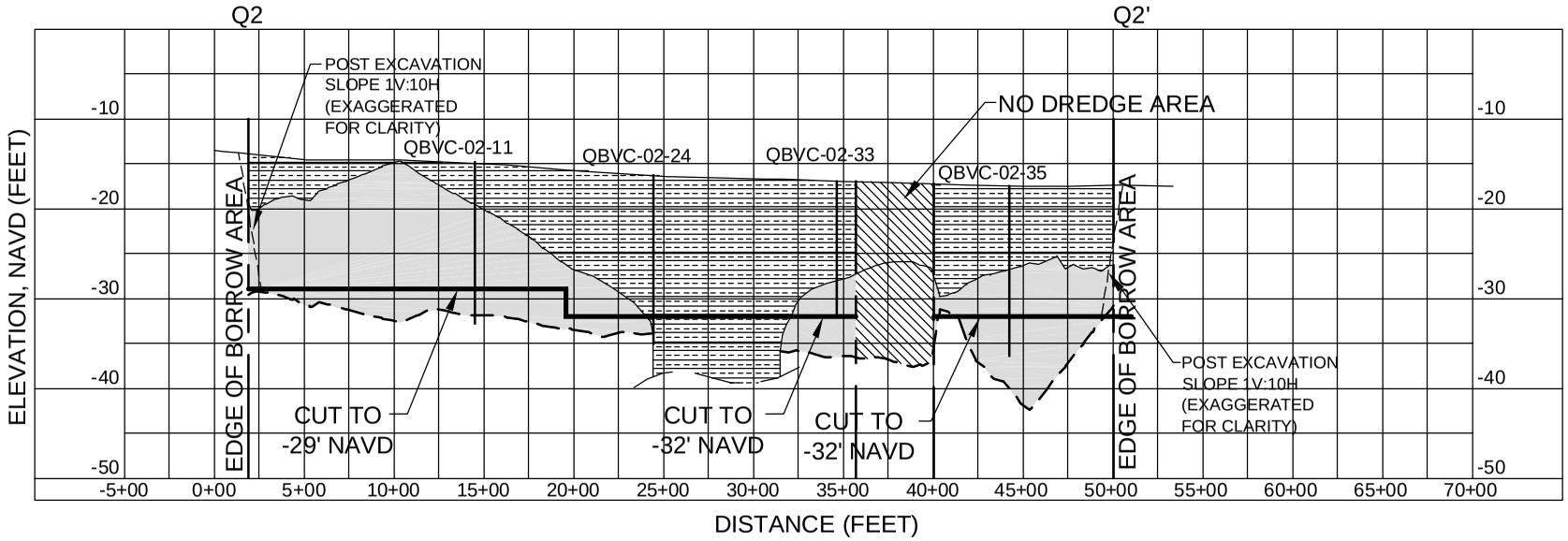
SCALE: 1"= 1000' HORIZONTAL
1"=20' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

SHEET: 5	COMM NO.: 7261.07	BY: JRC	DATE: 10/9/03	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION QUATRE BAYOU BORROW AREA Q1-Q1' CROSS SECTION**

QUATRE BAYOU BORROW AREA
CROSS SECTION Q2-2'



LEGEND:

QBVC-02-17 DENOTES CPE 2002 VIBRACORE LOCATION

BEACH COMPATIBLE SEDIMENTS

SURFACE SILT/CLAY LAYER (TO BE USED FOR MARSH CONSTRUCTION)

NO DREDGE AREA - MAGNETIC ANOMALIES

INTERMITTENT ACCOUSTIC REFLECTOR WITHIN SAND DEPOSIT

NOTES:

1. VIBRACORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. SEE SHEET 4 FOR LOCATION OF CROSS SECTION LINES.
3. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.

SCALE: 1"= 1000' HORIZONTAL
1"=20' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

SHEET: 6	COMM NO.: 7261.07	BY: JRC	DATE: 11/17/03	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION QUATRE BAYOU BORROW AREA Q2-Q2' CROSS SECTION**

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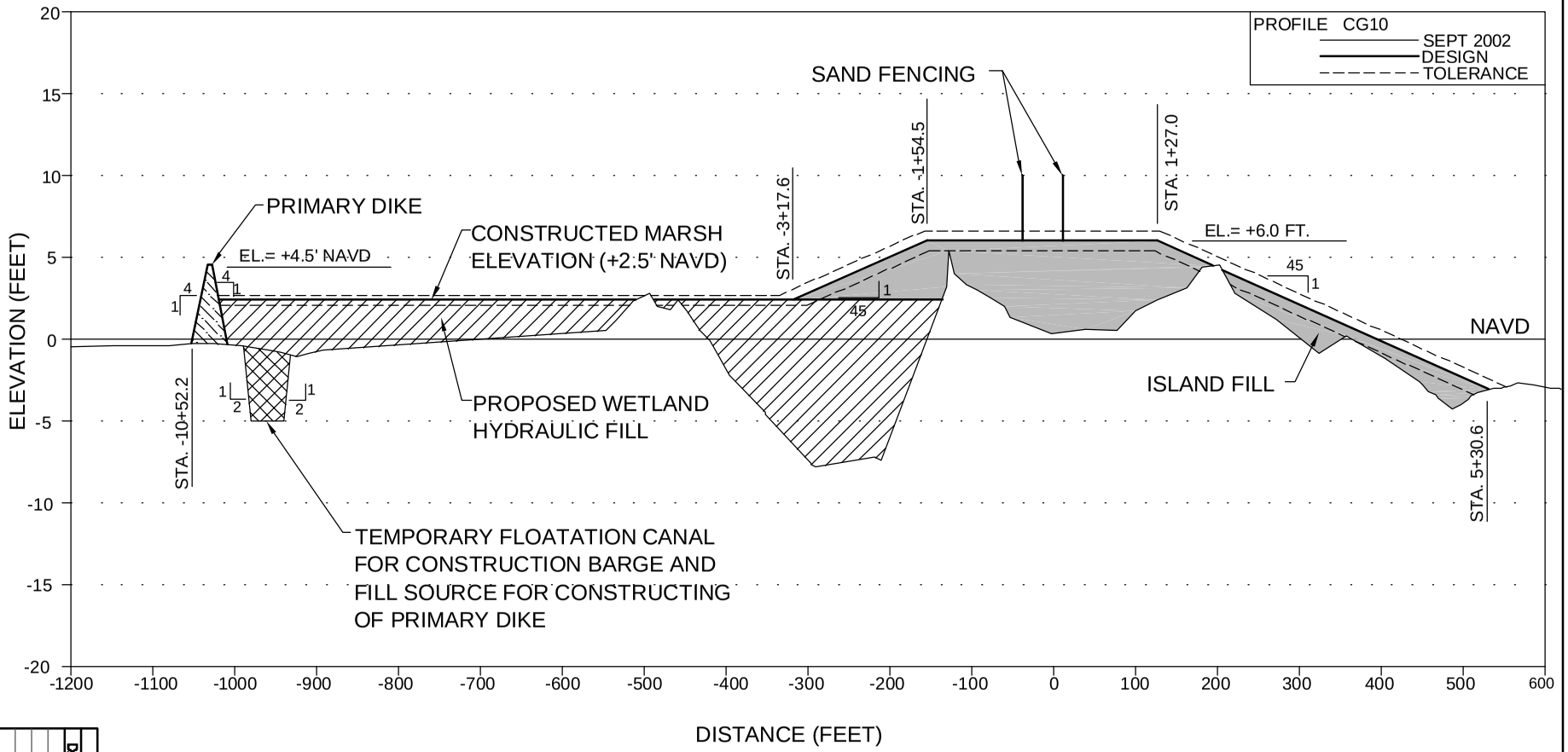

REVISIONS		
DESCRIPTION	BY	DATE

LEGEND:

- DENOTES WETLAND HYDRAULIC FILL
- DENOTES ISLAND FILL
- DENOTES PRIMARY DIKE
- DENOTES EXCAVATED MARSH MATERIAL TO BE USED FOR PRIMARY DIKE

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

SCALE: 1"= 200' HORIZONTAL
1"=10' VERTICAL

SHEET: 7
COMM NO.: 7261.07
BY: TW
DATE: 11/17/03

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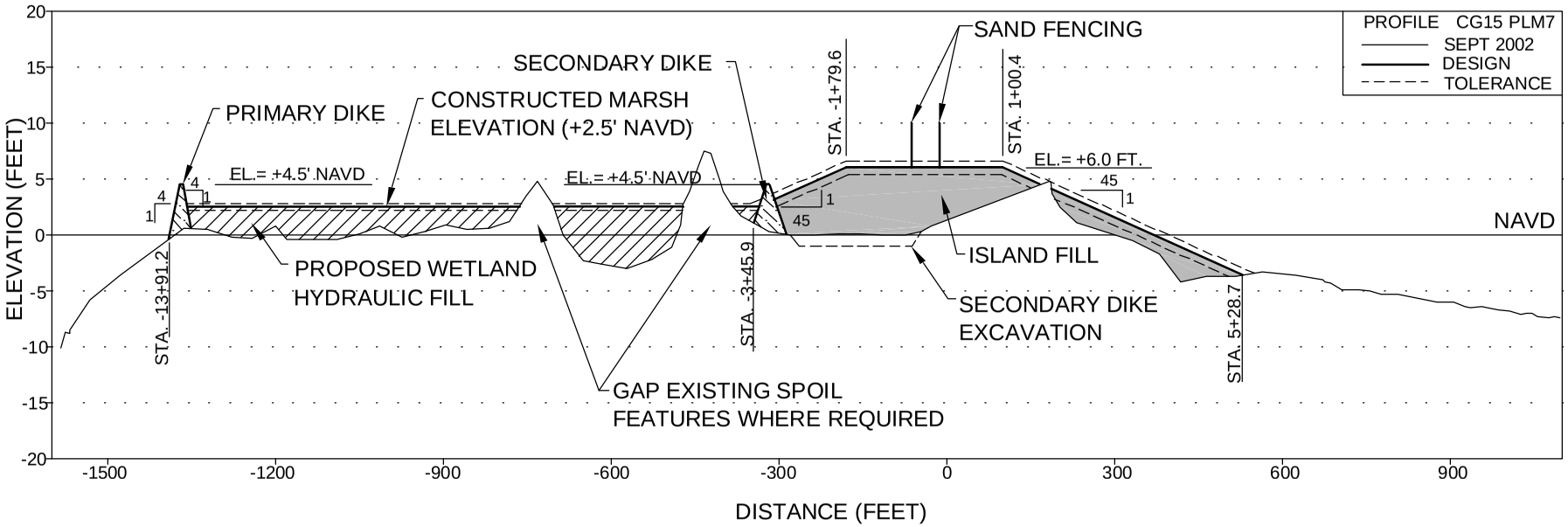
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

TITLE:

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
FILL CROSS SECTION CG10



REVISIONS		
DESCRIPTION	BY	DATE

LEGEND:

- DENOTES WETLAND HYDRAULIC FILL
- DENOTES ISLAND FILL
- DENOTES PRIMARY DIKE

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

SCALE: 1"= 300' HORIZONTAL
1"=15' VERTICAL

SHEET: 8	COMM NO.: 7261.07	BY: TW	DATE: 10/17/03	COASTAL PLANNING & ENGINEERING, INC. www.CoastalPlanning.net	2481 N.W. BOCA RATON BLVD. BOCA RATON, FL 33431 PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT FILL CROSS SECTION CG15 PLM7**

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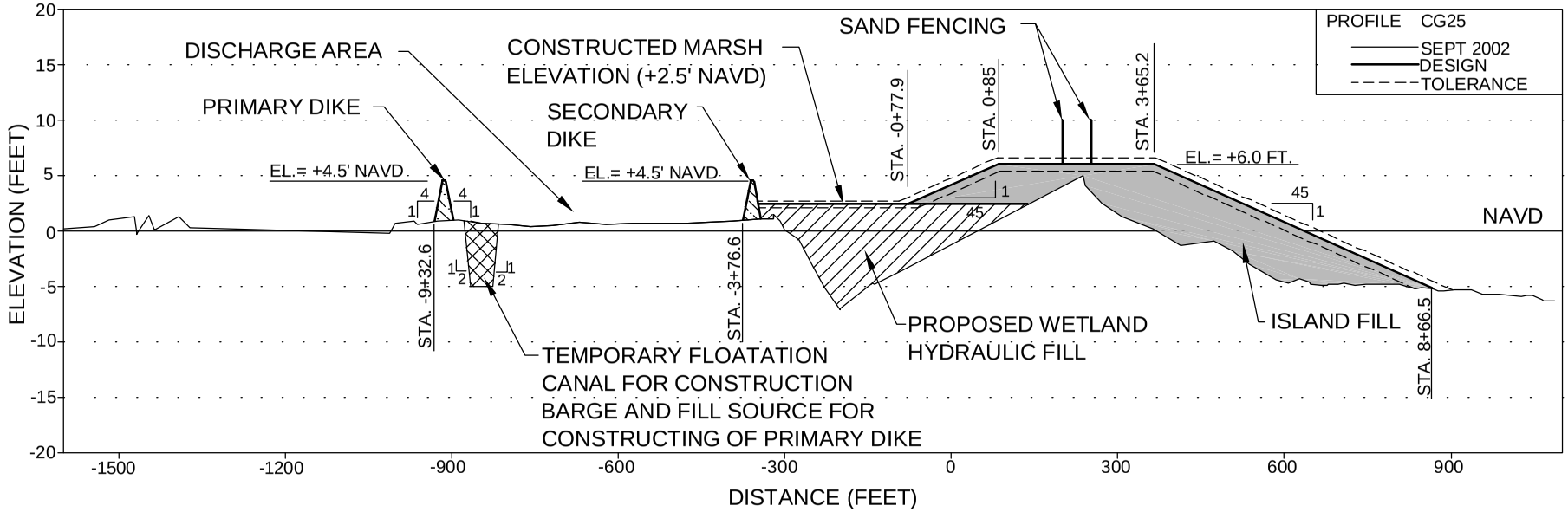

REVISIONS		
DESCRIPTION	BY	DATE

LEGEND:

- DENOTES WETLAND HYDRAULIC FILL
- DENOTES ISLAND FILL
- DENOTES PRIMARY DIKE
- DENOTES EXCAVATED MARSH MATERIAL TO BE USED FOR PRIMARY DIKE

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

SCALE: 1"= 300' HORIZONTAL
1"=15' VERTICAL

SHEET: 9
COMM NO.: 7261.07
BY: TW
DATE: 10/17/03

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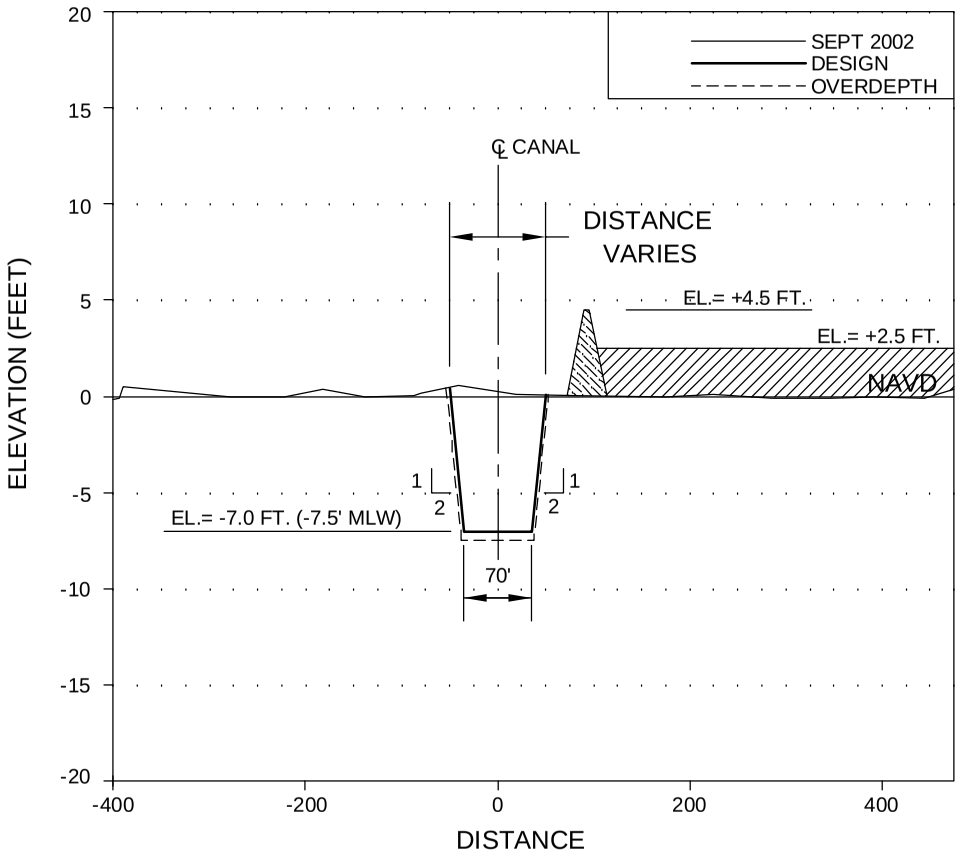
www.CoastalPlanning.net

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

TITLE:

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
FILL CROSS SECTION CG25



ACCESS CANAL CROSS SECTION A-A' (TYPICAL)

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET

LEGEND:

DENOTES CONTAINMENT DIKE

DENOTES WETLAND FILL

SCALE: 1"= 200' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

SHEET: 10
COMM NO.: 7261.07
BY: TW
DATE: 10/17/03

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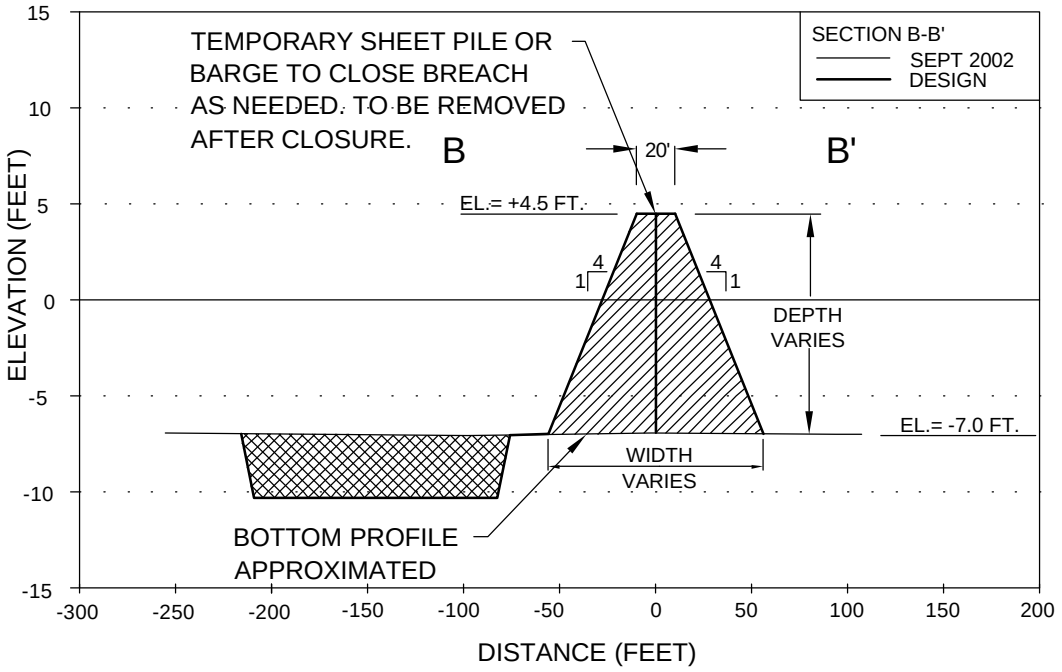
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT OIL INFRASTRUCTURE BARGE ACCESS CANAL CROSS SECTION A-A' (TYP.)**



CANAL CLOSURE CROSS SECTION B-B' (TYPICAL)

LEGEND:

FILL MATERIAL TO CLOSE CANAL

DENOTES EXCAVATED MARSH MATERIAL TO BE USED FOR CANAL CLOSURE

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

SCALE: 1"= 100' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DATE	BY	DESCRIPTION

TITLE: CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT CLOSURE PROFILE B-B' (TYP.)

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

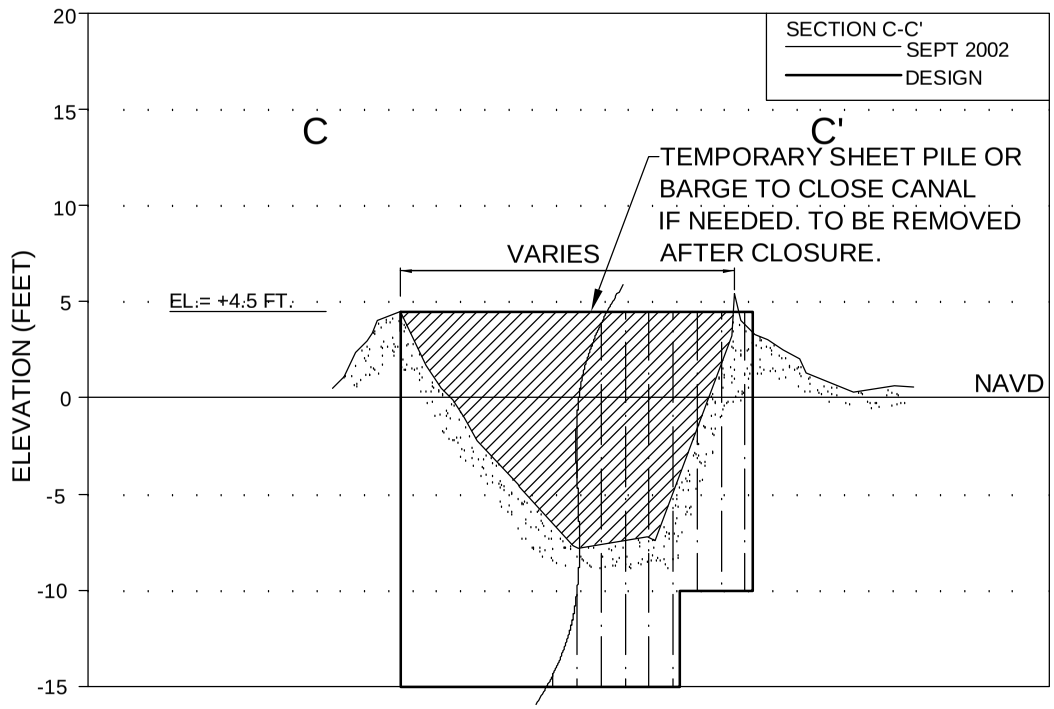
DATE: 11/17/03

BY: TW

COMM NO.: 7261.07

SHEET: 11

H:\Louisiana\726107\PERMITS\CHALAND\CHALAND PERMIT CANAL ACCESS AND CLOSURE X-SECTIONS.dwg



CANAL CLOSURE CROSS SECTION C-C' (TYPICAL)

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

LEGEND:

FILL MATERIAL TO CLOSE CANAL

SCALE: 1"= 200' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

COMM NO.: 7261.07
SHEET: 12

BY: TW
DATE: 11/17/03

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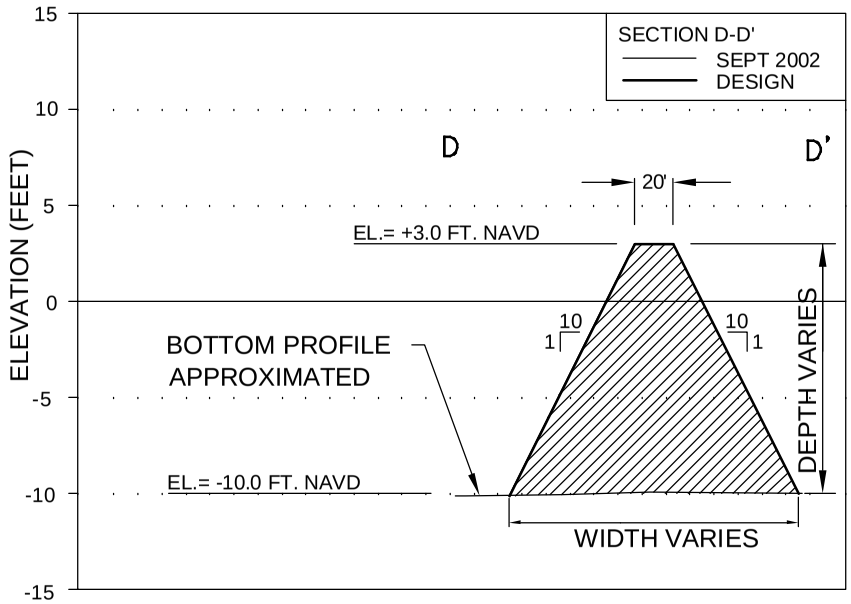
www.CoastalPlanning.net

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT CANAL CLOSURE CROSS SECTION C-C' (TYP.)**



BREACH CLOSURE CROSS SECTION D-D'

NOTES:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. DEPTH AND WIDTH OF BREACH VARIES.

LEGEND:

FILL MATERIAL TO CLOSE BREACH

SCALE: 1"= 100' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

COMM NO.: 7261.07
BY: TW
DATE: 7/29/03
SHEET: 13

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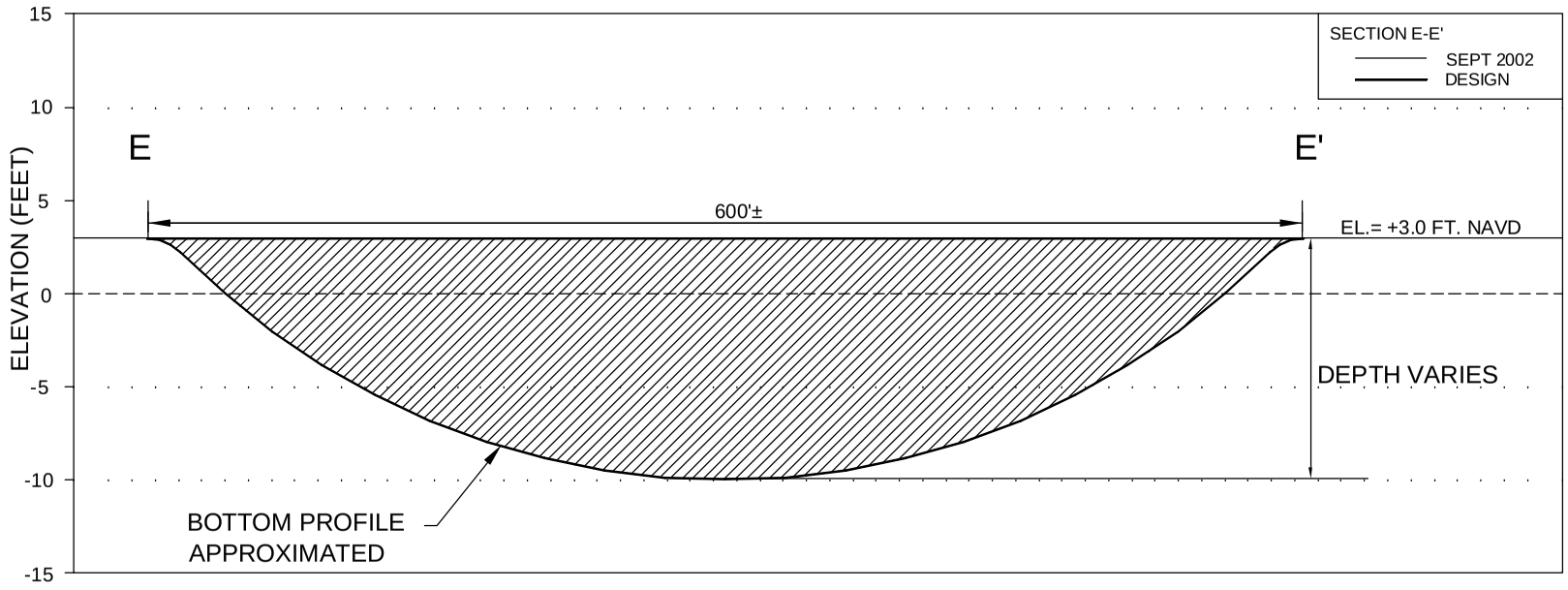
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT BREACH CLOSURE CROSS SECTION D-D'**



BREACH CLOSURE PROFILE E-E'

NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. DEPTH AND WIDTH OF BREACH VARIES.

LEGEND:

FILL MATERIAL TO CLOSE BREACH

SCALE: 1"= 100' HORIZONTAL
1"=10' VERTICAL

REVISIONS		
DESCRIPTION	BY	DATE

COMM NO.: 7261.07
SHEET: 14

BY: TW
DATE: 11/17/03

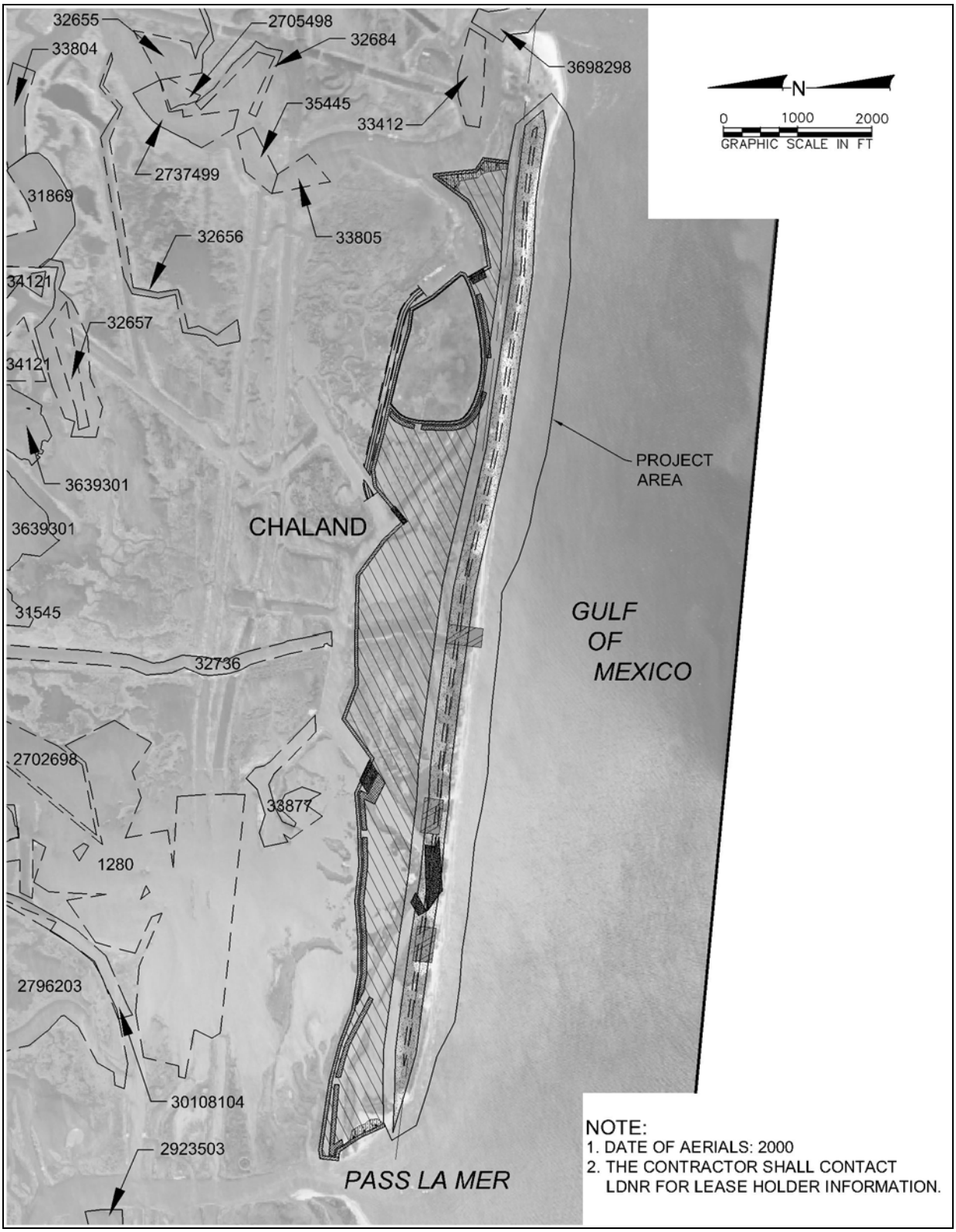
COASTAL PLANNING & ENGINEERING, INC.
www.CoastalPlanning.net

2481 N.W. BOCA RATON BLVD.
BOCA RATON, FL 33431
PH. (561) 391-8102 FAX (561) 391-9116

TITLE: **CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT BREACH CLOSURE PROFILE E-E'**

APPENDIX II

OYSTER LEASES IN PROJECT VICINITY



NOTE:
1. DATE OF AERIALS: 2000
2. THE CONTRACTOR SHALL CONTACT LDNR FOR LEASE HOLDER INFORMATION.

APPENDIX III

DEQ PERMIT

State of Louisiana

Department of Environmental Quality

M. J. "MIKE" FOSTER, JR.
GOVERNOR

L. HALL BOHLINGER
SECRETARY

January 5, 2004

NOAA Fisheries
c/o Louisiana State University
Baton Rouge, LA 70803-7535
Attn: Richard Hartman, Chief/Baton Rouge Field Office

RE: Water Quality Certification (MB 031027-02/AI 118021/CER20030001)
Corps of Engineers Permit (EDD-20-040-0451)
Plaquemines Parish

Dear Mr. Hartman:

The Department has received an application to deposit fill material for shoreline stabilization and marsh creation to implement the Chaland Headland Restoration Project (BA-38-2) under the Coastal Wetlands Planning, Protection and Restoration Act on Chaland Headland, between Pas La Mer and Chaland Pass, in the Gulf of Mexico, approximately 48 miles south-southeast of New Orleans, Louisiana.

The requirements for Water Quality Certification have been met in accordance with LAC 33:IX.1507.A-E. Based on the information provided in your application, we have determined that the placement of the fill material will not violate the water quality standards of Louisiana provided for under LAC 33:IX.Chapter 11. Therefore, the Department has no objection to this project.

Sincerely,

Jodi G. Miller
Environmental Scientist Manager
Registrations and Certifications Section

JGM/mvb

c: Corps of Engineers, New Orleans
Coastal Management Division

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

N
0 1000 2000
GRAPHIC SCALE IN FT

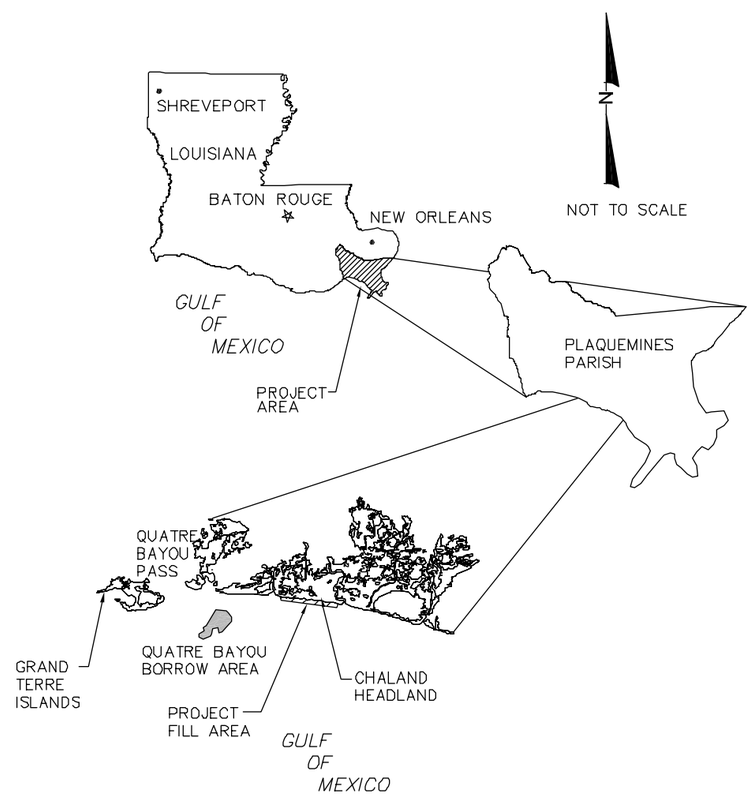
POINTS OF INTERSECTION (PI) OF PROFILE LINES WITH PROJECT BASELINE (STA. 0+00)

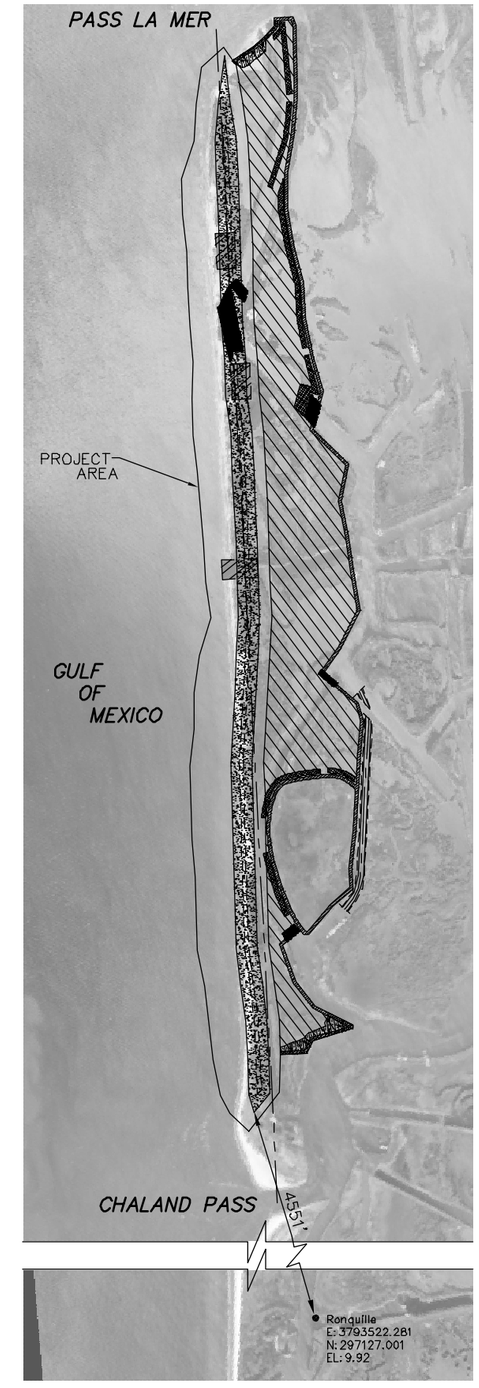
PI	EASTING	NORTHING
CG01	3774831.3	299096.3
CG02	3775311.7	299037.2
CG03/PLM3	3775792.0	298978.1
CG04	3776272.4	298919.0
CG05	3776752.7	298859.9
CG06/PLM4	3777233.0	298800.8
CG07	3777713.4	298741.7
CG08	3778193.7	298682.6
CG09/PLM5	3778674.0	298623.5
CG10	3779154.4	298564.4
CG11	3779634.7	298505.3
CG12/PLM6	3780115.0	298446.2
CG13	3780595.4	298387.1
CG14	3781075.7	298328.0
CG15/PLM7	3781556.0	298268.9
CG16	3782036.7	298209.7
CG17	3782517.4	298150.6
CG18/PLM8	3782998.0	298091.4
CG18A	3783309.6	298053.1
CG19	3783478.3	298032.3
CM38	3783718.5	298002.8
CG20	3783958.6	297973.2
CM40	3784198.9	297943.7
CG21/PLM9	3784439.0	297914.1
CM42	3784679.2	297884.6
CG22	3784919.3	297855.0
CM44	3785159.5	297825.5
CG23	3785399.7	297796.0
CM46	3785639.9	297766.4
CG24/PLM10	3785880.0	297736.8
CM48	3786120.2	297707.3
CG25	3786360.4	297677.8
CG25A	3786682.0	297638.2
CG26	3786840.7	297618.7
CG27/PLM11	3787321.0	297559.5
CG28	3787801.1	297500.4
CG28A	3787940.8	297483.3
CG28B	3788106.4	297462.9
CG29	3788281.2	297441.4
CG30/PLM12	3788761.3	297382.3
CG31	3789241.5	297323.2
CG32	3789721.5	297264.2
CG33	3790201.6	297205.1

State Plane, NAD83, Louisiana South – 1702, NAVD 1988, U.S. Survey Feet

NOTE:
PI MARKERS WITH ELEVATIONS TO BE SET AND MAINTAINED DURING CONSTRUCTION BY CONTRACTOR.

NO.	TITLE
1	COVER SHEET
2	GENERAL NOTES
3	OFFSHORE INFRASTRUCTURE PLAN VIEW
4-5	PROJECT PLAN VIEWS
6	QUATRE BAYOU BORROW AREA BATHYMETRY
7	QUATRE BAYOU BORROW AREA ELEVATION OF SILT/CLAY-SAND INTERFACE CONTOUR MAP
8	QUATRE BAYOU BORROW AREA BOTTOM ELEVATION OF SAND CONTOUR MAP
9	QUATRE BAYOU BORROW AREA CROSS SECTIONS
10-24	CROSS SECTIONS
25-30	OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS
31	CROSS SECTION DETAILS
32	SAND FENCING & SIGN DETAILS
33	SETTLEMENT PLATE DETAIL
34	PAYMENT ACCEPTANCE SECTIONS





TETRA TECH, INC.

COASTAL PLANNING & ENGINEERING, INC.
LOUISIANA BUSINESS & TECHNOLOGY CENTER
SOUTH STADIUM DRIVE
BATON ROUGE, LOUISIANA 70803
PH. (225) 578-8677
FAX (225) 578-3975
C.O.A. FL #4028
C.O.A. LA #2331
www.CoastalPlanning.net

No.	Date	Description
1	3/28/04	ADDED PROFILE LINES

Reference Files: BNDRYSHALAND.DWG
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 7261.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
COVER SHEET

DRAWING NO.
CS

H:\Louisiana\7261.00\CONSTRUCTION\CHALAND\CHALAND COVERSHEET

GENERAL NOTES:

1. THE PROJECT AREA IS USED AS A NESTING AREA BY PROTECTED BIRD SPECIES. AT A MINIMUM THE CONTRACTOR PATROL THE BEACH TWICE DAILY TO INDENTIFY ANY NESTING BIRDS FROM INITIATION OF THE PROJECT THROUGH SEPTEMBER 15, 2005. CONTRACTOR REQUIREMENTS REGARDING BIRD NESTING ARE PROVIDED IN SECTION 7 OF THE ENVIRONMENTAL PROTECTION PROVISIONS.

2. LOCATION OF INFRASTRUCTURE (WELLHEADS, PIPELINES, ETC.) ARE FOR INFORMATIONAL PURPOSES ONLY TO DEMONSTRATE COMPLEXITY OF AREA. CONTRACTOR SHALL CONFIRM LOCATIONS.

3. UPON COMPLETION OF THIS PROJECT, THE PRIMARY DIKES SHALL BE LEFT IN PLACE BY THE CONTRACTOR. THE CONTRACTOR SHALL EXERCISE CARE TO MAINTAIN THE PRIMARY DIKES AT THE DESIGN ELEVATIONS DURING THE PROJECT AND SHALL PREVENT ANY BREACHES OF THE DIKES FOR THE DURATION OF THIS PROJECT.

4. BEACH AND DUNE FILL SHALL NOT EXCEED A SILT CONTENT OF 15% WITH A MINIMUM MEAN GRAIN SIZE OF 0.09 mm AS MEASURED ON THE BEACH FOLLOWING PLACEMENT.

5. THE CONTRACTOR SHALL NOTE THAT BAYS, WATER BOTTOMS, CREEKS AND PONDS IN THE VICINITY OF THE PROJECT MAY INCLUDE NUMEROUS PUBLICLY-ISSUED AND PRIVATELY-ISSUED LEASES FOR THE CULTIVATION AND HARVEST OF COMMERCIAL FISHERY RESOURCES. THE LOCATION OF PUBLICLY-ISSUED OYSTER LEASES IN THE VICINITY OF THE PROJECT IS DEPICTED IN APPENDIX 2 OF THE ENVIRONMENTAL PROTECTION SPECIFICATIONS. THE CONTRACTOR SHALL CONDUCT ALL ASPECTS OF ITS OPERATIONS TO AVOID ANY AND ALL IMPACTS TO SUCH LEASES.

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FAX (225) 578-3975
C.O.A. FL #4028
C.O.A. LA #2231
www.CoastalPlanning.net

No.	Date	Description
1	5/02/03	ADD NOTE #5

Reference Files: (BORDER-CHALAND.DWG)

Designed by: MJJ
Drawn by: RDO
Date: 11/07/03
Plot Scale: NONE

Checked by: AB
Reviewed by: CD
Submitted by: MJJ
Comm. No.: 7281.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

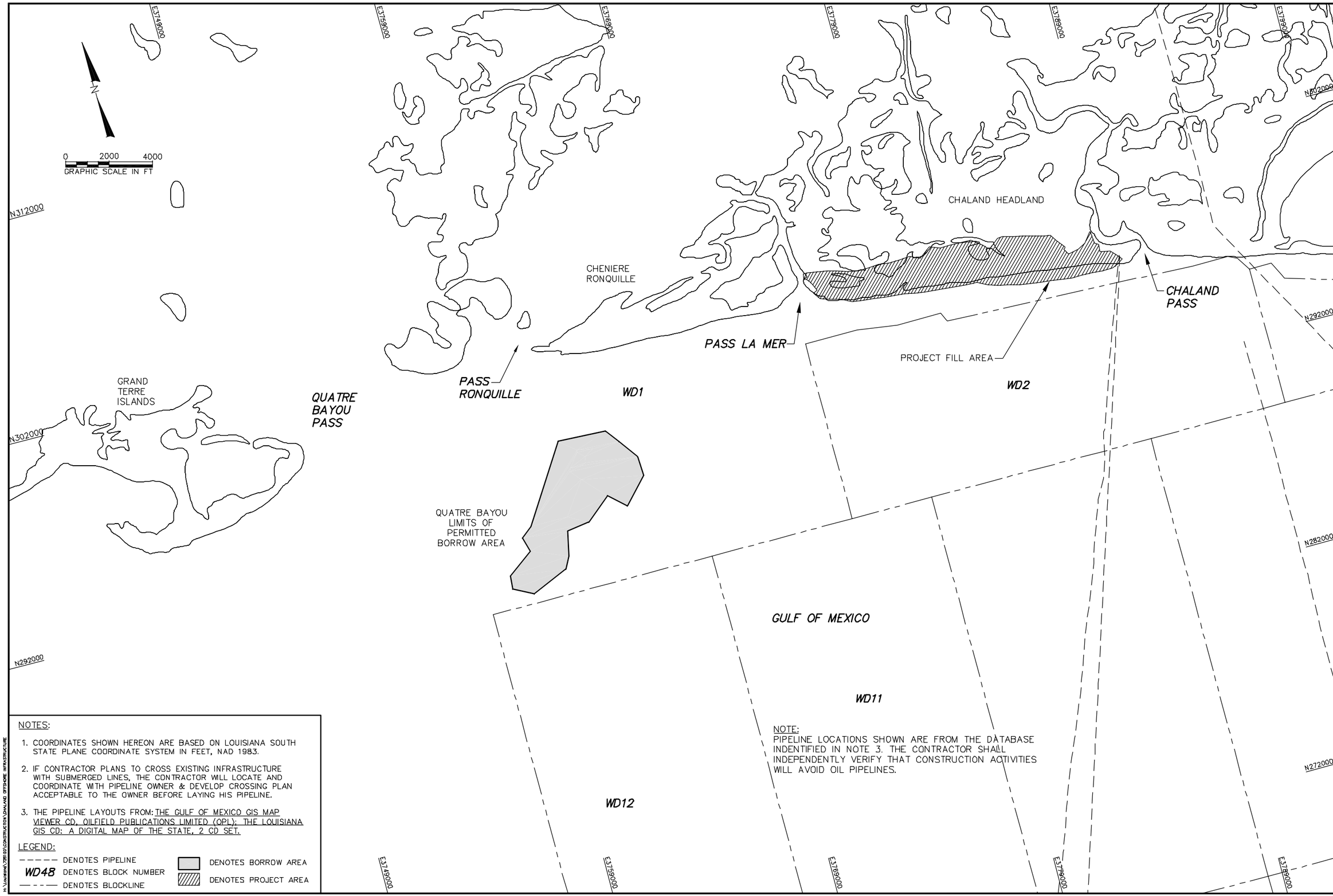
GENERAL NOTES

DRAWING NO.

GN

SHEET 2 OF 34

H:\Louisiana\7281.00\CONSTRUCTION\CHALAND\CHALAND GEN NOTES.DWG



NOTE:
PIPELINE LOCATIONS SHOWN ARE FROM THE DATABASE INDENTIFIED IN NOTE 3. THE CONTRACTOR SHALL INDEPENDENTLY VERIFY THAT CONSTRUCTION ACTIVITIES WILL AVOID OIL PIPELINES.

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
3. THE PIPELINE LAYOUTS FROM: THE GULF OF MEXICO GIS MAP VIEWER CD, OILFIELD PUBLICATIONS LIMITED (OPL); THE LOUISIANA GIS CD: A DIGITAL MAP OF THE STATE, 2 CD SET.

LEGEND:

- ----- DENOTES PIPELINE
- WD48 DENOTES BLOCK NUMBER
- —-—- DENOTES BLOCKLINE
- DENOTES BORROW AREA
- DENOTES PROJECT AREA

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FAX (225) 578-3975
www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA. #2531

No.	Date	Description

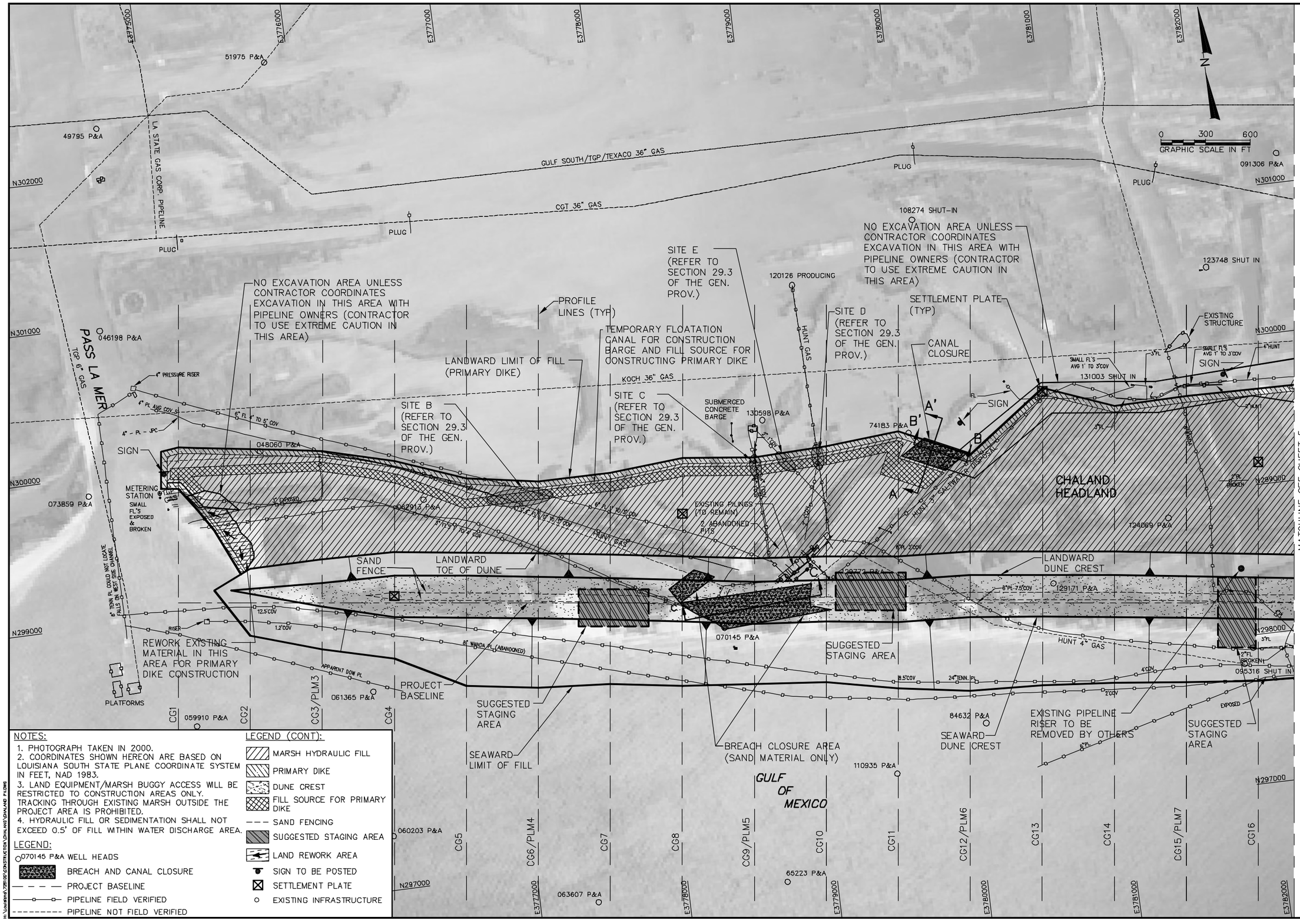
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 7261.00
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Reference Files: BORROWPLAN.dwg

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

OFFSHORE INFRASTRUCTURE
PLAN VIEW

DRAWING NO.
LO-1
SHEET 3 OF 34

H:\Louisiana\7261.00\CONSTRUCTION\CHALAND OFFSHORE INFRASTRUCTURE



NOTES:

1. PHOTOGRAPH TAKEN IN 2000.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.
4. HYDRAULIC FILL OR SEDIMENTATION SHALL NOT EXCEED 0.5' OF FILL WITHIN WATER DISCHARGE AREA.

LEGEND:

- 070145 P&A WELL HEADS
- BREACH AND CANAL CLOSURE
- PROJECT BASELINE
- PIPELINE FIELD VERIFIED
- PIPELINE NOT FIELD VERIFIED

LEGEND (CONT):

- MARSH HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE
- SAND FENCING
- SUGGESTED STAGING AREA
- LAND REWORK AREA
- SIGN TO BE POSTED
- SETTLEMENT PLATE
- EXISTING INFRASTRUCTURE

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FAX (225) 578-3975
C.O.A. FL #4028
C.O.A. LA #2231
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No.	Date	Description
1.	5/4/05	PIPELINE NOTE & "SITE" LOCATIONS

Reference Files: BASEMENT/CHALAND.DWG
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 7261.00

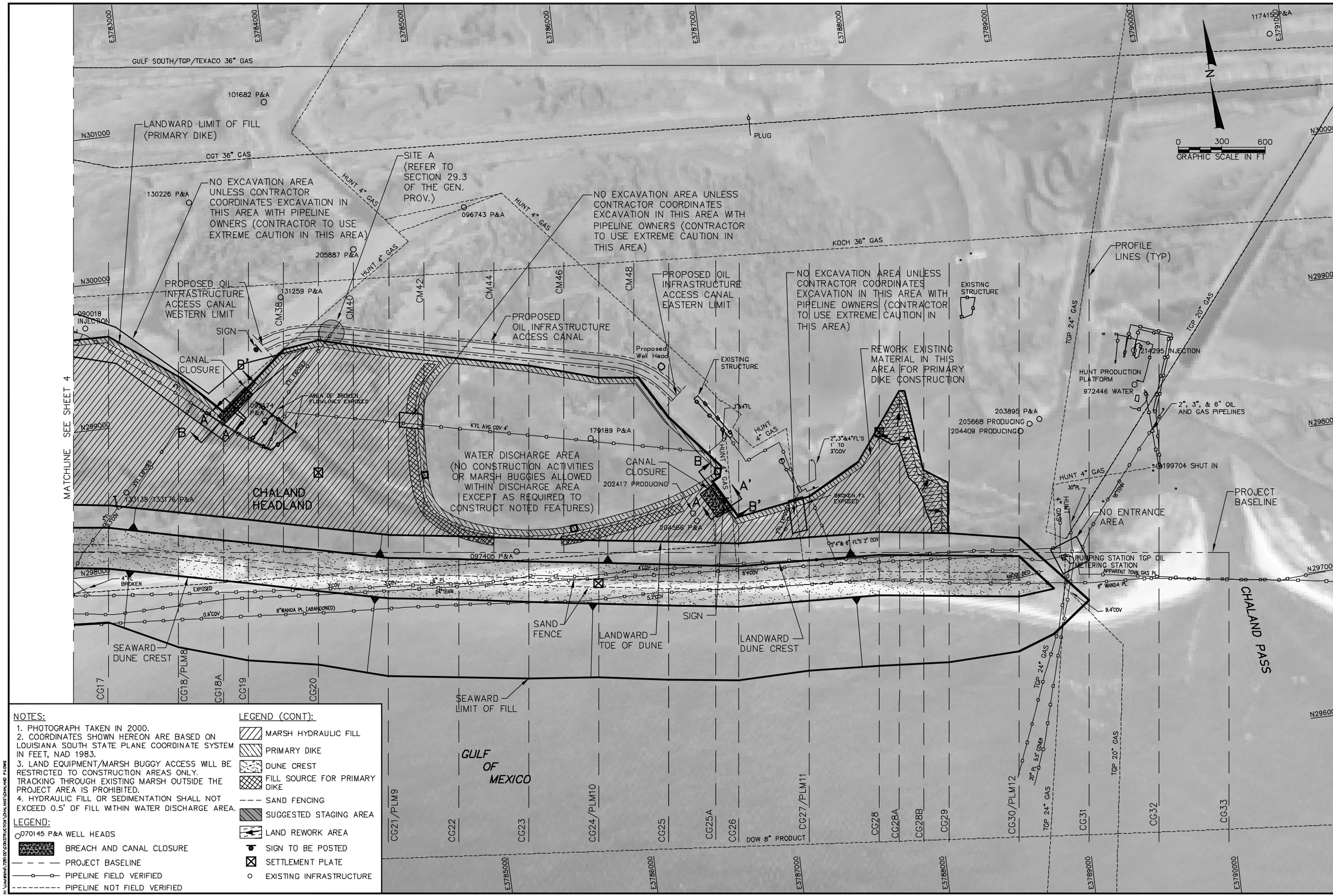
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

PLAN VIEW

DRAWING NO.

PV-1

SHEET 4 OF 34



NOTES:

1. PHOTOGRAPH TAKEN IN 2000.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.
4. HYDRAULIC FILL OR SEDIMENTATION SHALL NOT EXCEED 0.5' OF FILL WITHIN WATER DISCHARGE AREA.

LEGEND:

- 070145 P&A WELL HEADS
- BREACH AND CANAL CLOSURE
- PROJECT BASELINE
- PIPELINE FIELD VERIFIED
- PIPELINE NOT FIELD VERIFIED

LEGEND (CONT):

- MARSH HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE
- SAND FENCING
- SUGGESTED STAGING AREA
- LAND REWORK AREA
- SIGN TO BE POSTED
- SETTLEMENT PLATE
- EXISTING INFRASTRUCTURE

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FAX (225) 578-3975
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C.O.A. LA #2531
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No.	Date	Description
1	5/4/05	PIPELINE WORS & "3'FT" LOCATIONS -01

Reference Files: ADDSERSHALAND.DWG
Designed by: MJJ
Drawn by: TW
Date: 11/07/03
Checked by: AB
Reviewed by: CD
Submitted by: MJJ
Plot Scale: AS NOTED
Contr. No: 7251.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

PLAN VIEW

DRAWING NO.

PV-2

SHEET 5 OF 34

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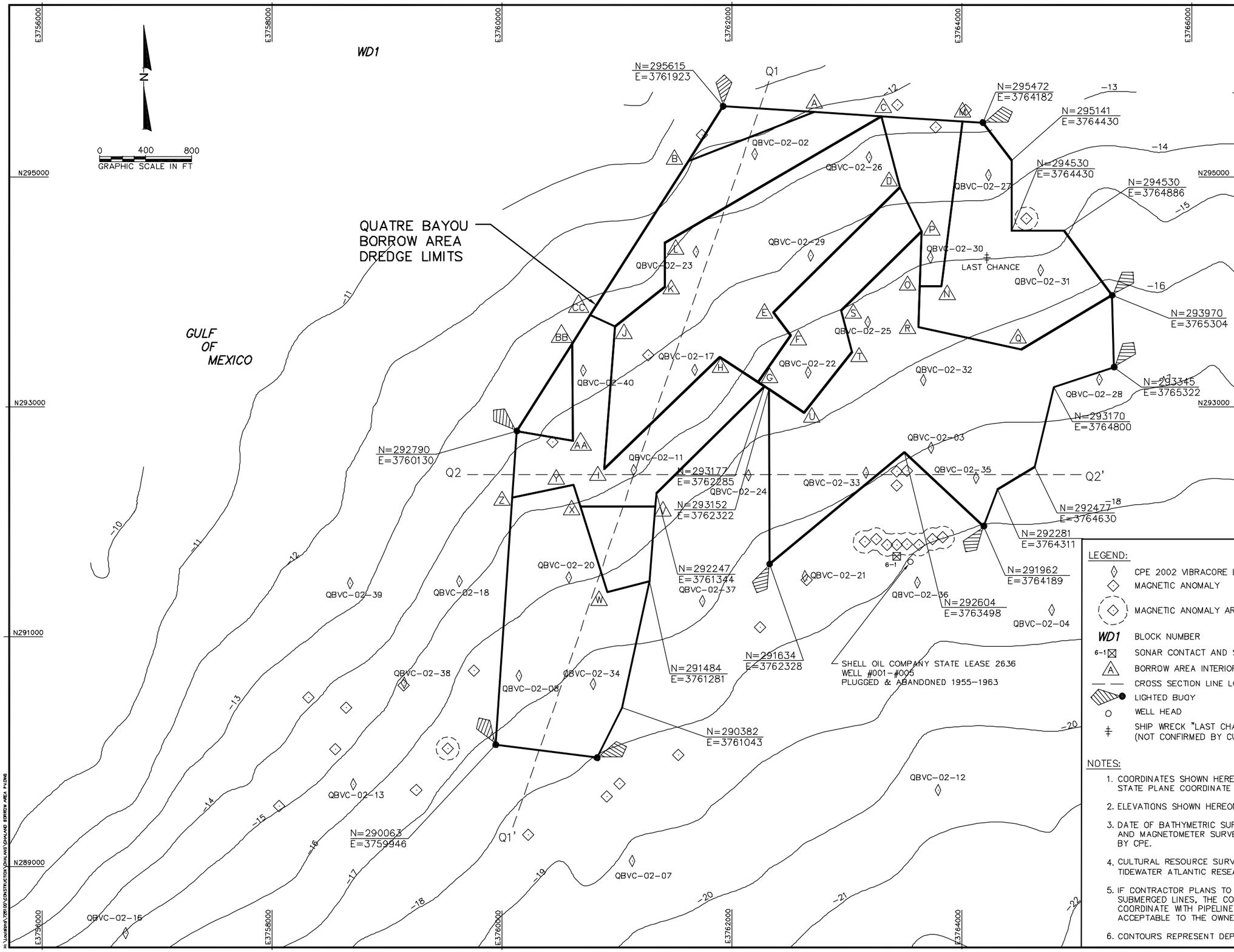

BORROW AREA-INTERIOR COORDINATE TABLE

ID	X	Y
A	3762718	295565
B	3761620	295137
C	3763301	295528
D	3763457	294911
E	3762358	293824
F	3762512	293622
G	3762225	293217
H	3761893	293435
I	3760889	292460
J	3760984	293699
K	3761418	294042
L	3761419	294427
M	3764004	295484
N	3763821	294050
O	3763632	294051
P	3763650	294526
Q	3764514	293499
R	3763619	293693
S	3762951	293835
T	3763041	293475
U	3762629	292950
V	3761335	292132
W	3760915	291386
X	3760684	292132
Y	3760624	292324
Z	3760091	292212
AA	3760619	292703
BB	3760614	293552
CC	3760770	293797

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- 6-1 SONAR CONTACT AND SITE REFERENCE NUMBER
- A BORROW AREA INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: AUGUST 6-15TH, 2003 CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23-25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
6. CONTOURS REPRESENT DEPTH OF WATER.

COASTAL PLANNING & ENGINEERING, INC.
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www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA #2231

No.	Date	Description

Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 7261.00
Designed by: MJ
Drawn by: AMB
Date: 7/07/03
Plot Scale: AS NOTED

Reference Files: BORROW AREA.DWG, BORROW AREA BATHYMETRIC.dwg, BORROW AREA BATHYMETRY.dwg, sandpoints_p.dwg

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

QUATRE BAYOU BORROW AREA BATHYMETRY

DRAWING NO.

BA-1

SHEET 6 OF 34

H:\Jobs\Brian\7261.00\CONSTRUCTION\CHALAND\CHALAND BORROW AREA PLAN.DWG

BORROW AREA–INTERIOR COORDINATE TABLE

ID	X	Y	ID	X	Y
4a	3763110	295540	7h	3761520	292816
4b	3763094	295295	7i	3761566	293357
4c	3762939	295307	7j	3760920	293374
4d	3762809	295192	7k	3760872	293242
4e	3762729	295564	7l	3760591	292904
4f	3762682	295080	7m	3760308	293070
4g	3762672	294813	7n	3765069	294027
4h	3762666	294646	7o	3764829	294331
4i	3762426	294693	7p	3764331	294212
4j	3762408	294809	7q	3764307	294078
4k	3762325	294808	7r	3765314	293630
4l	3762253	294459	7s	3765026	293725
4m	3762241	294402	7t	3764726	293824
4n	3762168	294395	7u	3764440	293919
4o	3762090	294133	7v	3764422	293827
4p	3761757	293935	7w	3764233	293839
4q	3761757	294316	7x	3764197	293645
4r	3761757	294711	7y	3763992	293658
4s	3761672	294710	7z	3763967	293267
4t	3761666	294536	8a	3763977	293154
4u	3761655	294302	8b	3763833	293027
4v	3761476	294522	8c	3763733	293126
4w	3761107	293669	8d	3763688	293355
4x	3760831	293519	8e	3763534	293353
4y	3760778	293811	8f	3763413	293191
4z	3761727	295306	8g	3763516	293031
5a	3761845	295260	8h	3763329	292983
5b	3762007	295466	8i	3763188	292981
5c	3764013	295483	8j	3763172	292834
5d	3764014	294641	8k	3763607	292688
5e	3763898	294633	8l	3763168	292331
5f	3763898	294922	8m	3763119	292712
5g	3763727	295300	8n	3762995	292621
5h	3763125	295193	8o	3763000	292285
5i	3763120	294888	8p	3762749	292135
5j	3764265	295361	8q	3762776	292005
5k	3764265	294529	8r	3762672	291919
5l	3763723	294529	8s	3762663	292070
5m	3763723	294883	8t	3762327	291972
5n	3762703	294652	8u	3764923	293298
5o	3762703	293779	8v	3764725	293257
5p	3762567	293775	8w	3764392	293629
5q	3762551	294186	8x	3764402	293689
5r	3762427	294187	8y	3764658	293606
5s	3762373	294448	8z	3764327	293293
5t	3764412	294383	9a	3764148	293299
5u	3764008	294447	9b	3764182	293151
5v	3763999	294088	9c	3764443	292362
5w	3764004	293894	9d	3764149	293141
5x	3763895	293894	9e	3764066	292638
5y	3763898	294085	9f	3763642	292470
5z	3763790	294087	9g	3761462	292363
6a	3763792	293891	9h	3761359	292421
6b	3763651	293881	9i	3761216	292298
6c	3763649	294275	9j	3761134	292195
6d	3763777	294263	9k	3761105	291779
6e	3763772	294400	9l	3761306	291786
6f	3763223	294355	9m	3760976	291776
6g	3763290	294079	9n	3760955	291371
6h	3763498	293896	9o	3760644	291381
6i	3763500	293665	9p	3760715	291663
6j	3763661	293670	9q	3760595	291844
6k	3763677	293579	9r	3760622	292269
6l	3763327	293543	9s	3760720	292267
6m	3763282	293930	9t	3760715	291811
6n	3763191	294060	9u	3760804	291773
6o	3763102	294059	9v	3760603	291218
6p	3762899	294338	9w	3760526	291154
6q	3762771	294324	9x	3760491	292010
6r	3762924	293986	9y	3760482	292233
6s	3763058	293990	9z	3760309	292218
6t	3763098	293670	0a	3760282	292713
6u	3762916	293678	0b	3760592	292708
6v	3762948	293298	0c	3760594	292556
6w	3762324	292958	0d	3760472	292438
6x	3762072	292967	0e	3760693	292347
6y	3762072	293251	0f	3760814	292347
6z	3762315	293290	0g	3760821	292544
7a	3762275	293765	0h	3760312	292008
7b	3761984	292880	0i	3760272	291505
7c	3761731	292858	0j	3760313	291322
7d	3761710	293412	0k	3760302	291158
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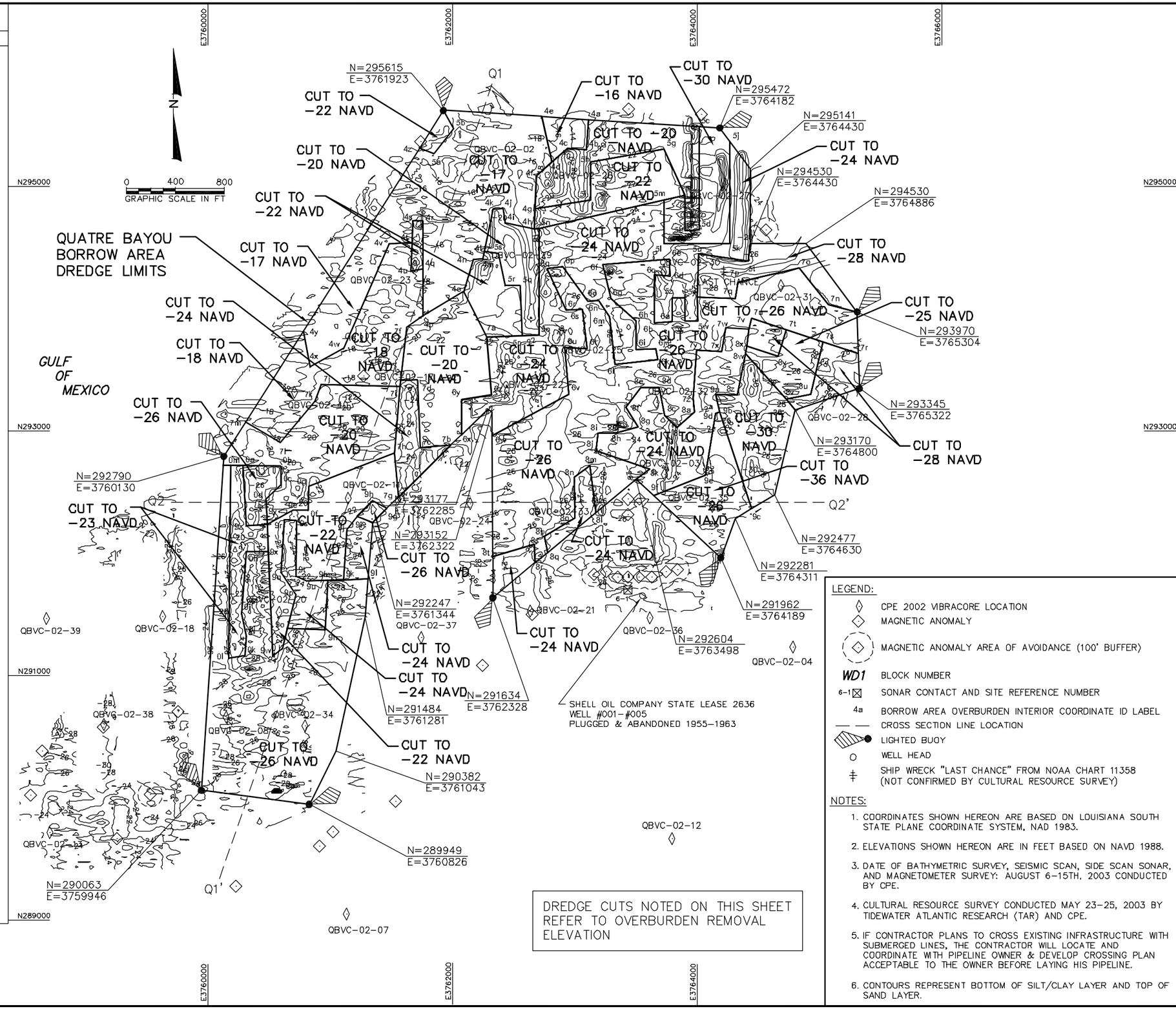
7g	3761555	292456			



DREDGE CUTS NOTED ON THIS SHEET REFER TO OVERBURDEN REMOVAL ELEVATION

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- 6-1 SONAR CONTACT AND SITE REFERENCE NUMBER
- 4a BORROW AREA OVERBURDEN INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
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4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23–25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
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6. CONTOURS REPRESENT BOTTOM OF SILT/CLAY LAYER AND TOP OF SAND LAYER.

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C.O.A. FL #4028
C.O.A. LA #2231

No.	Date	Description
1	4/7/04	MAX DREDGE CUTS REPLACED WITH MUD REMOVAL DREDGE CUTS

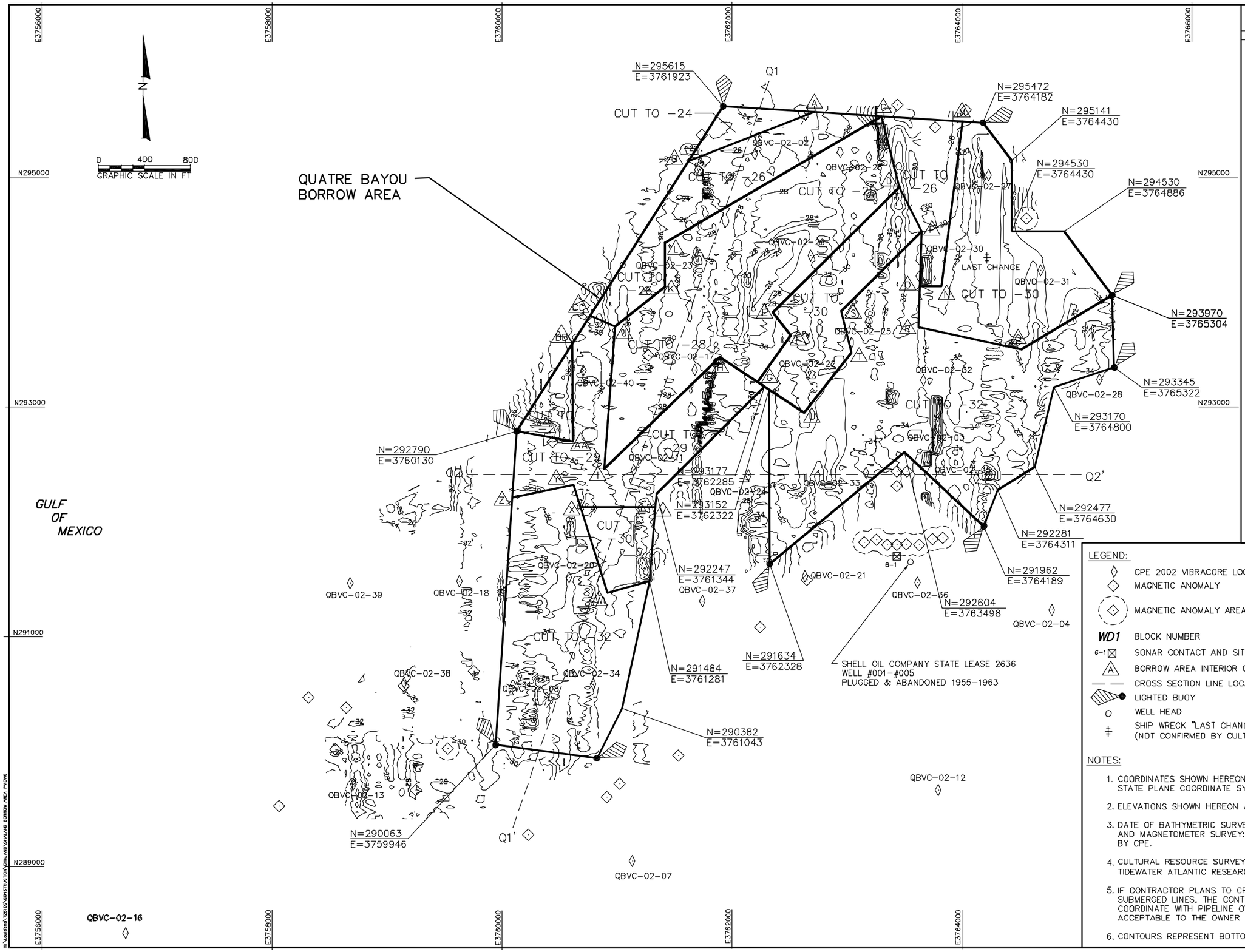
Checked by: AB
Reviewed by: CB
Submitted by: MJ
Designed by: MJ
Drawn by: XXX
Date: 11/07/03
Plot Scale: AS NOTED
Contract No: 7251.00

Reference Files: BORROW AREA.DWG, BORROW AREA.DWG, BATHYMETRIC.dwg, sandpoint.dwg, sandpoint_a.dwg

CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT
QUATRE BAYOU BORROW AREA
ELEVATION OF SILT/CLAY – SAND INTERFACE CONTOUR MAP

DRAWING NO.
BA–2

H:\Louisiana\72510\CONSTRUCTION\CHALAND\CHALAND BORROW AREA.DWG



BORROW AREA-INTERIOR COORDINATE TABLE

ID	X	Y
A	3762718	295565
B	3761620	295137
C	3763301	295528
D	3763457	294911
E	3762358	293824
F	3762512	293622
G	3762225	293217
H	3761893	293435
I	3760889	292460
J	3760984	293699
K	3761418	294042
L	3761419	294427
M	3764004	295484
N	3763821	294050
O	3763632	294051
P	3763650	294526
Q	3764514	293499
R	3763619	293693
S	3762951	293835
T	3763041	293475
U	3762629	292950
V	3761335	292132
W	3760915	291386
X	3760684	292132
Y	3760624	292324
Z	3760091	292212
AA	3760619	292703
BB	3760614	293552
CC	3760770	293797

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- 6-1 SONAR CONTACT AND SITE REFERENCE NUMBER
- A BORROW AREA INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

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6. CONTOURS REPRESENT BOTTOM OF SAND.

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C.O.A. FL #4028
C.O.A. LA #2531
www.CoastalPlanning.net

No.	Date	Description

Checked by: AB
Reviewed by: CB
Submitted by: MJ
Designed by: MJ
Drawn by: XXX
Date: 11/07/03
Plot Scale: AS NOTED
Contr. No: 7251.00

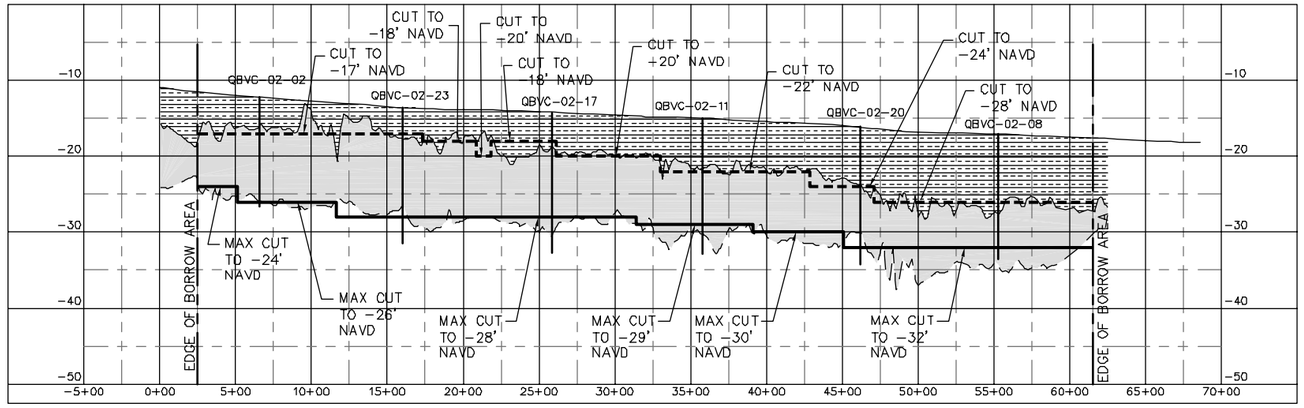
Reference Files: BORROW AREA BATHYMETRIC.dwg
BORROW AREA BATHYMETRIC.dwg
CHALAND BORROW AREA PLOT.dwg
sandpoint_a.dwg

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
QUATRE BAYOU BORROW AREA
BOTTOM ELEVATION OF SAND
CONTOUR MAP

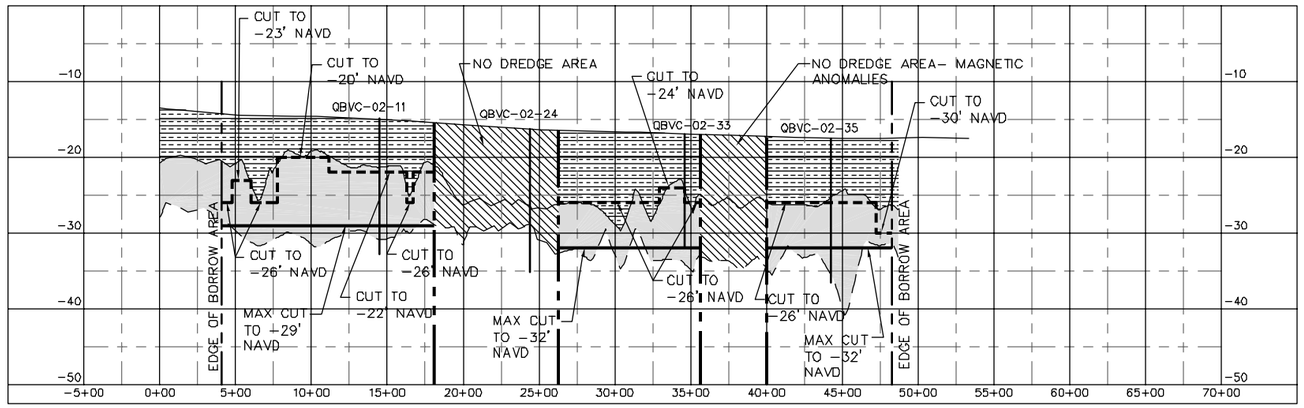
DRAWING NO.
BA-3

H:\Louisiana\7251.00\Construction\Chaland\Chaland Borrow Area Plot.dwg

QUATRE BAYOU BORROW AREA
CROSS SECTION Q1-1'



QUATRE BAYOU BORROW AREA
CROSS SECTION Q2-2'



NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE.
2. VERTICAL THICKNESS OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE SHEETS 6-8 FOR LOCATION OF CROSS SECTION LINES
4. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.

LEGEND:

- BEACH COMPATIBLE SEDIMENTS
- SURFACE SILT/CLAY LAYER
- INTERMITTENT ACCOUSTIC REFLECTOR WITHIN SAND DEPOSIT
- OVERBURDEN REMOVAL DREDGE CUTS
- SAND REMOVAL DREDGE CUTS

COASTAL PLANNING & ENGINEERING, INC.
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www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA #2531

No.	Date	Description
1	4/8/04	ADD REMOVAL DREDGE CUTS

Reference Files: BORDERCHALAND.DWG
Designed by: MJ
Drawn by: TW
Date: 1/07/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Contr. No: 7231.00

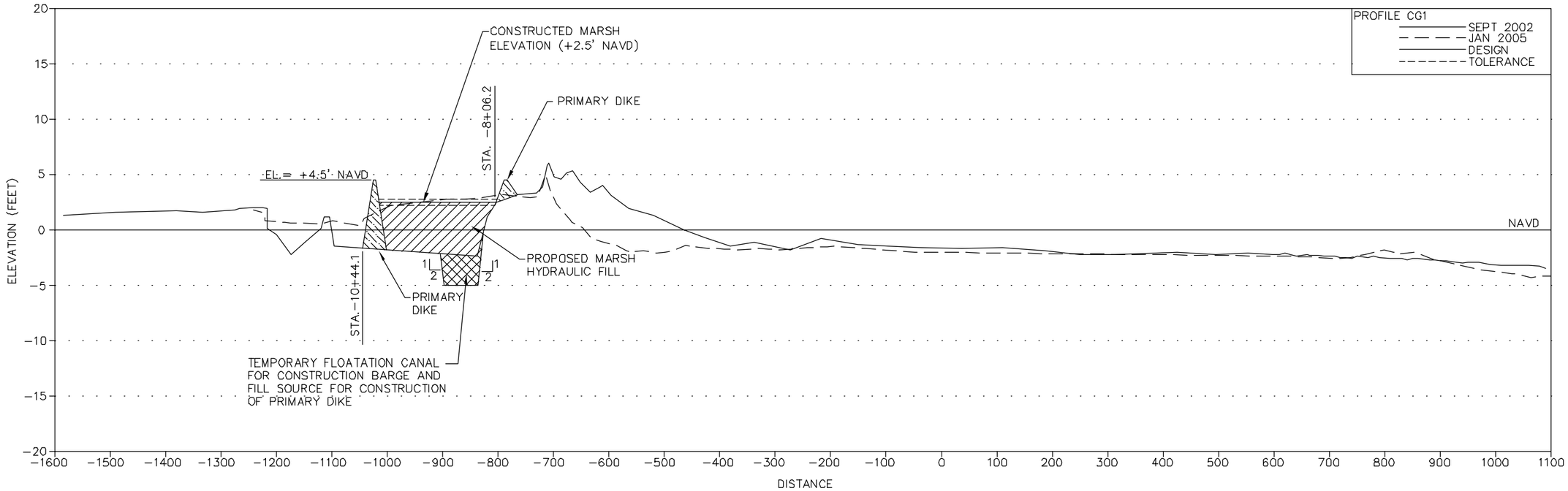
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

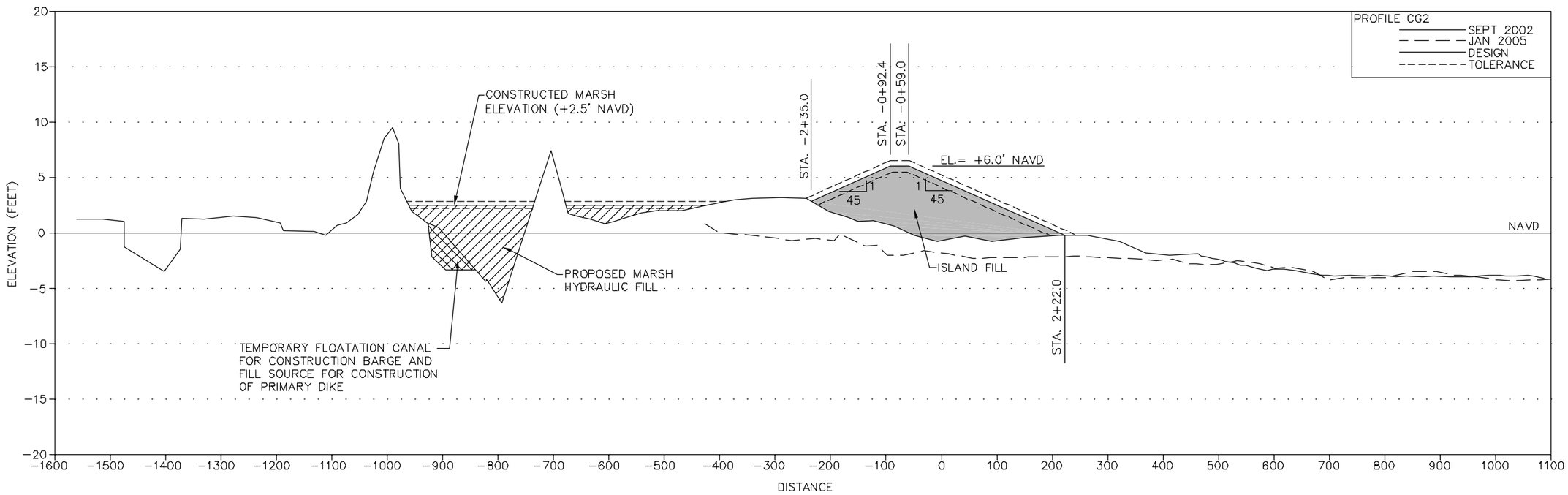
QUATRE BAYOU BORROW AREA
CROSS SECTIONS

DRAWING NO.

BA-4

H:\Louisiana\7231\CONSTRUCTION\CHALAND\CHALAND BORROW AREA Cross Sections.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

COASTAL PLANNING & ENGINEERING, INC.
LOUISIANA BUSINESS & TECHNOLOGY CENTER
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www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA #2231

No.	Date	Description
1	5/23/03	UPDATE JANUARY 2005

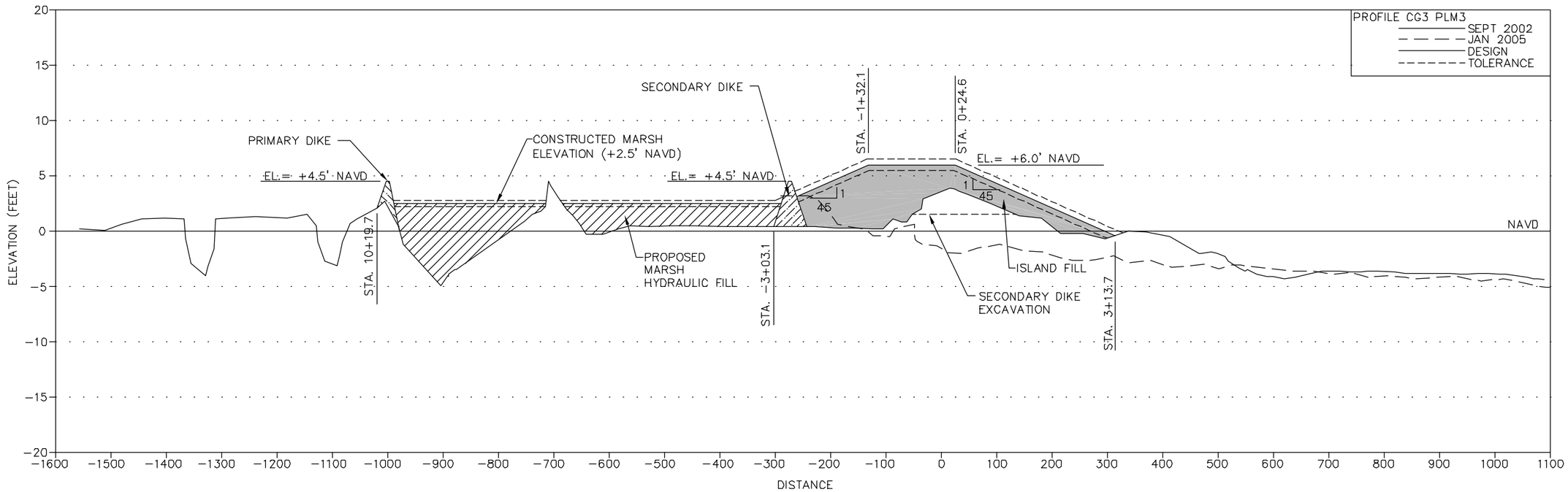
Reference Files: BASEMAP-CHALAND.DWG
Designed by: MJ
Drawn by: RDG
Date: 1/7/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 7261.00

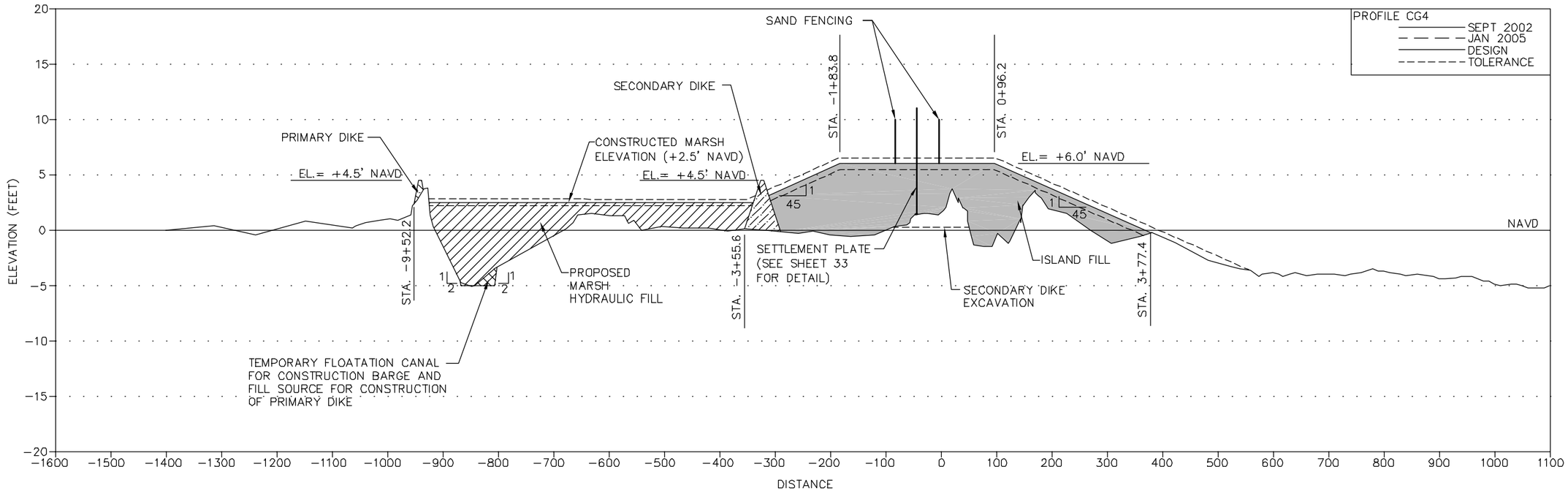
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-1

H:\Jobfiles\7261.00\CONSTRUCTION\CHALAND\CHALAND 1-SECTIONS.DWG





NOTES:
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C.O.A. FL #4028
C.O.A. LA #2231

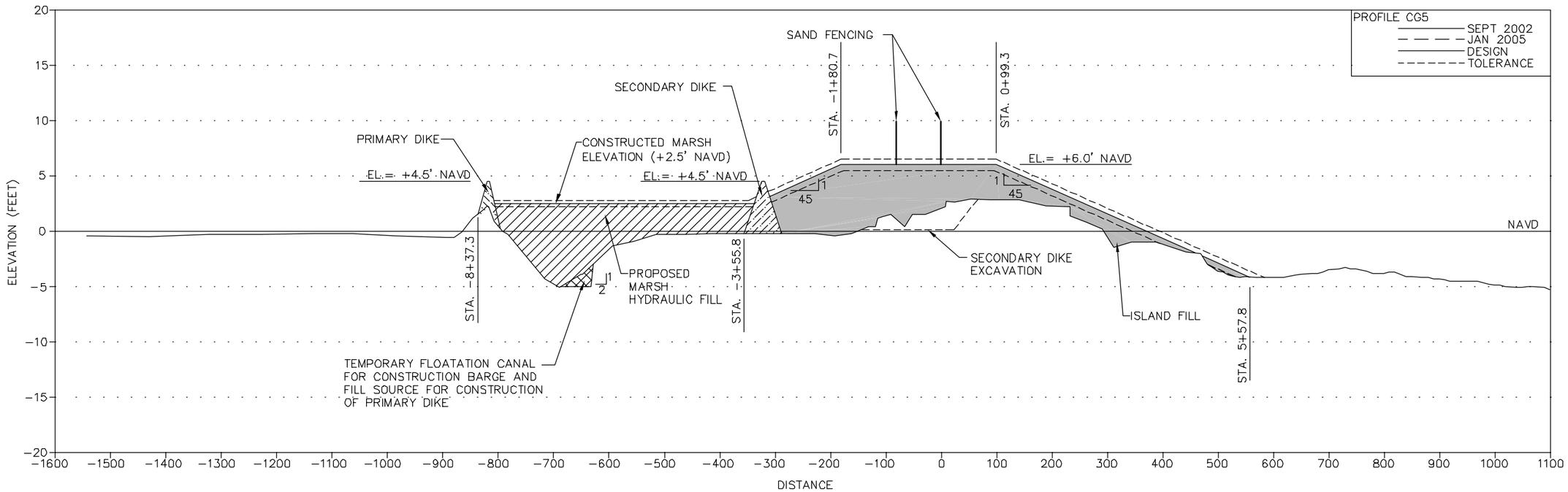
No.	Date	Description

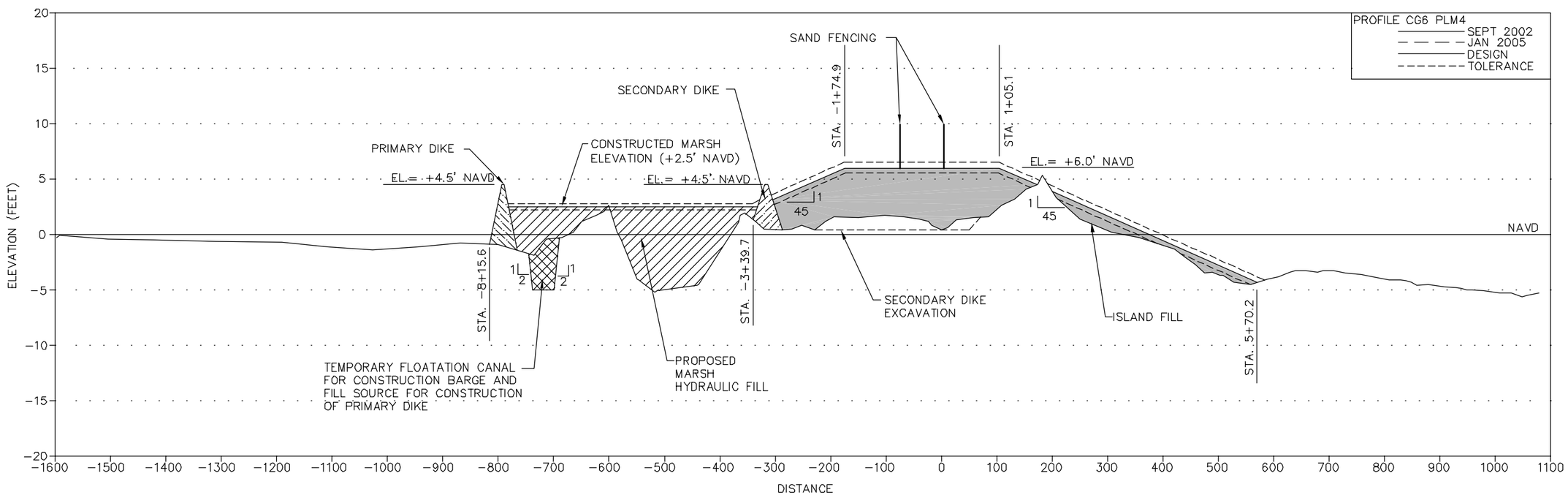
Reference Files: BORDER-CHALAND.DWG
Designed by: M.J.
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No.: 7231.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-2





NOTES:
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C.O.A. LA #2231

No.	Date	Description

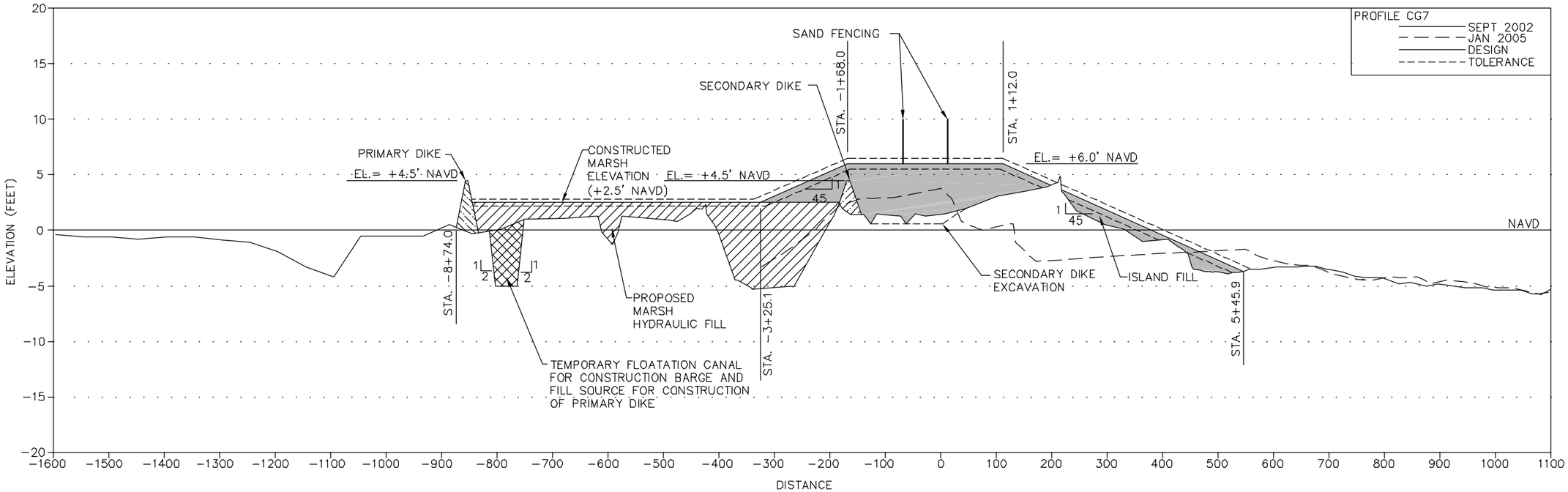
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Contract No: 7261.00
Reference Files: #0PERSPCHALAND.DWG

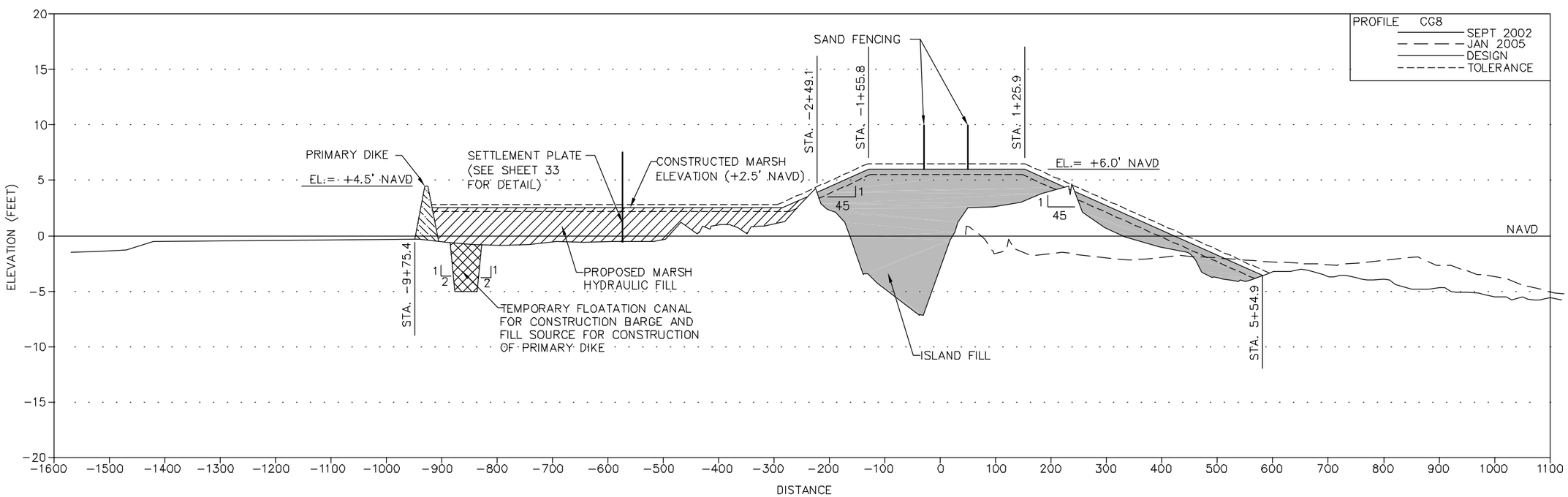
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-3





NOTES:
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2. ISLAND FILL TOLERANCE = 0.5 FEET.

COASTAL PLANNING & ENGINEERING, INC.
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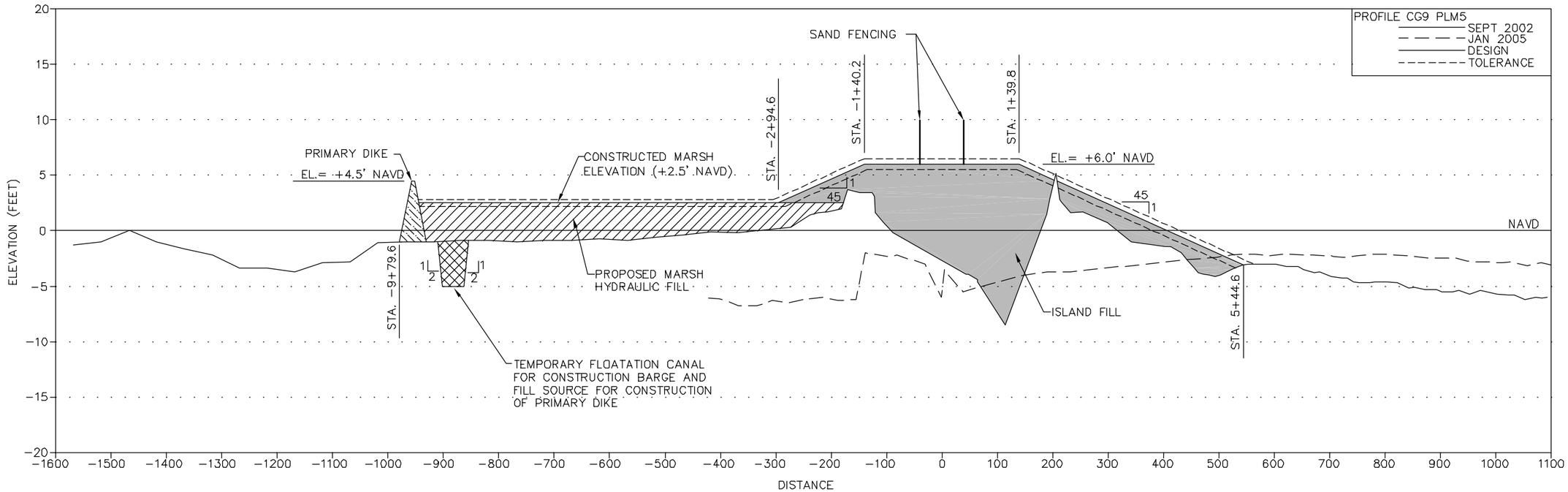
C.O.A. FL #4028
C.O.A. LA #2231
www.CoastalPlanning.net

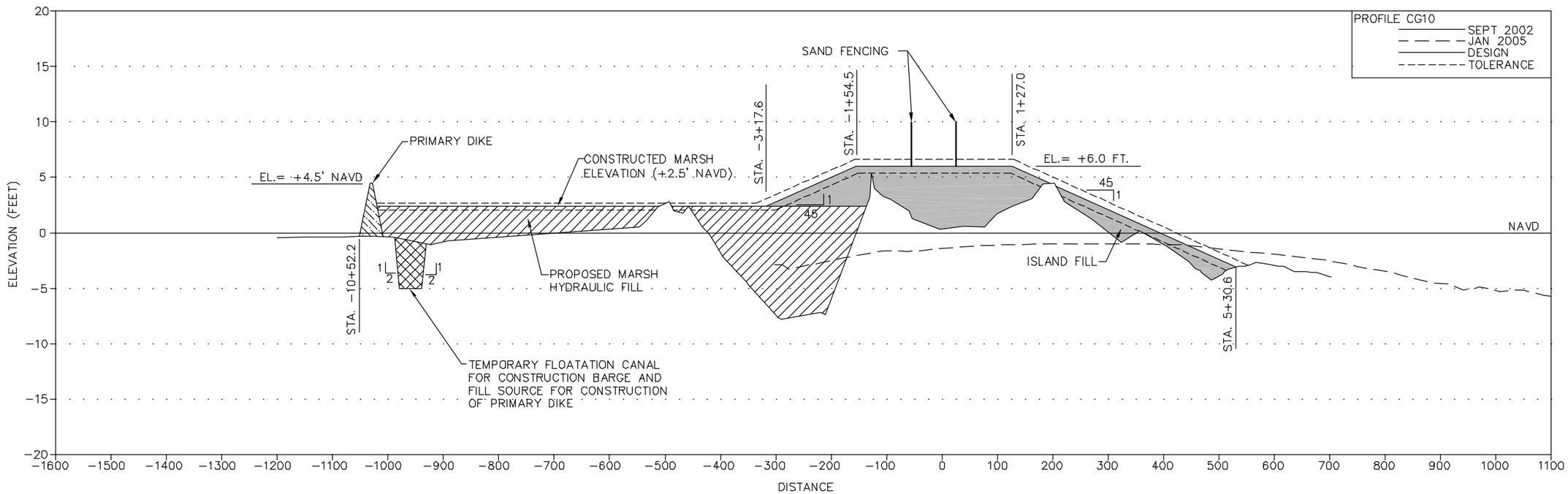
No.	Date	Description

Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No.: 723.00
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Reference Files: BASEBDRAWLAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
CROSS SECTIONS

DRAWING NO.
XS-4





NOTES:
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C.O.A. LA #2231

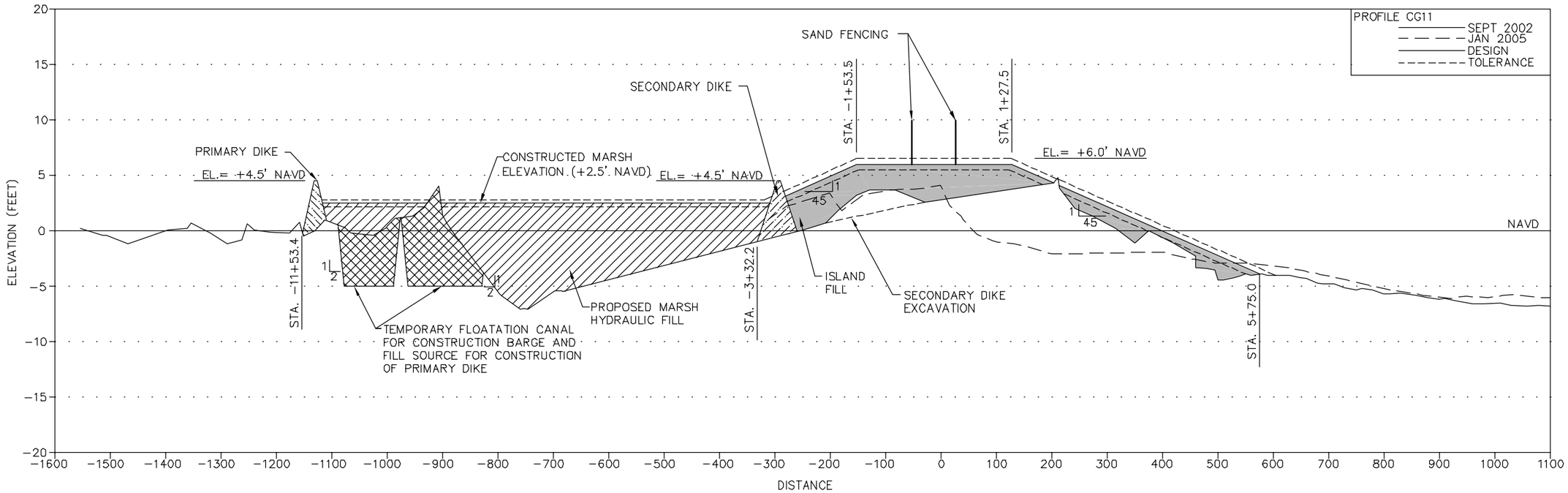
No.	Date	Description

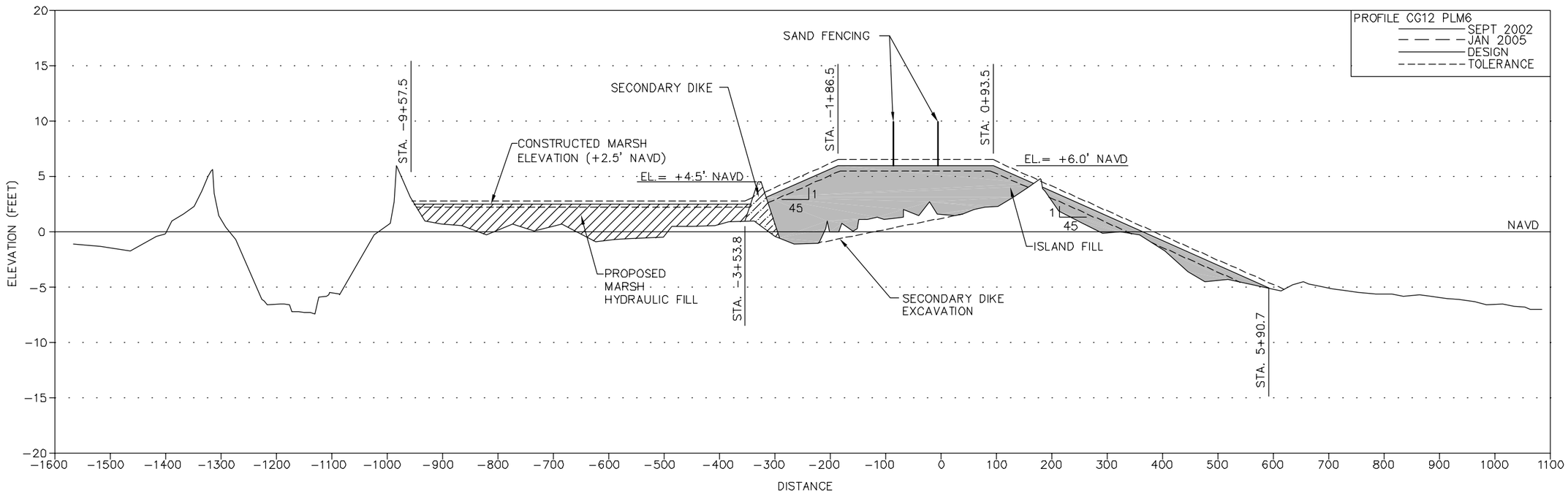
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No.: 7293.00
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Reference Files: BORDER-CHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
CROSS SECTIONS

DRAWING NO.
XS-5

H:\Louisiana\70100\CONSTRUCTION\CHALAND\CHALAND 1-SECTIONS.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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FAX (225) 578-3975
C.G.A. FL #4028
C.G.A. LA #2231
www.CoastalPlanning.net

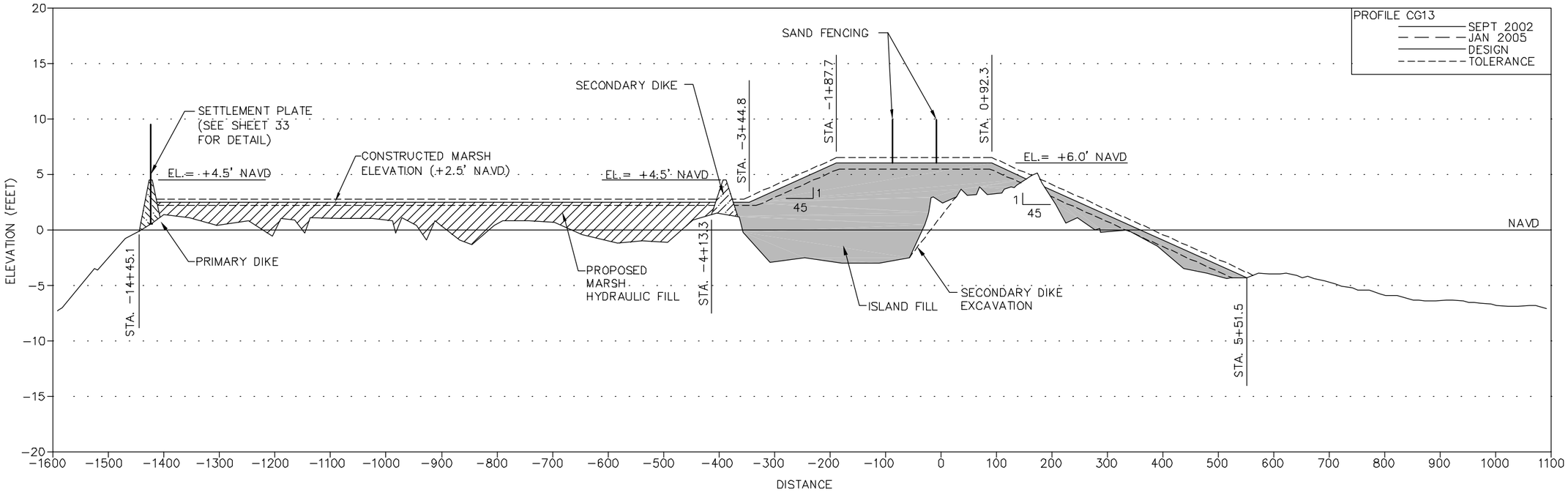
No.	Date	Description

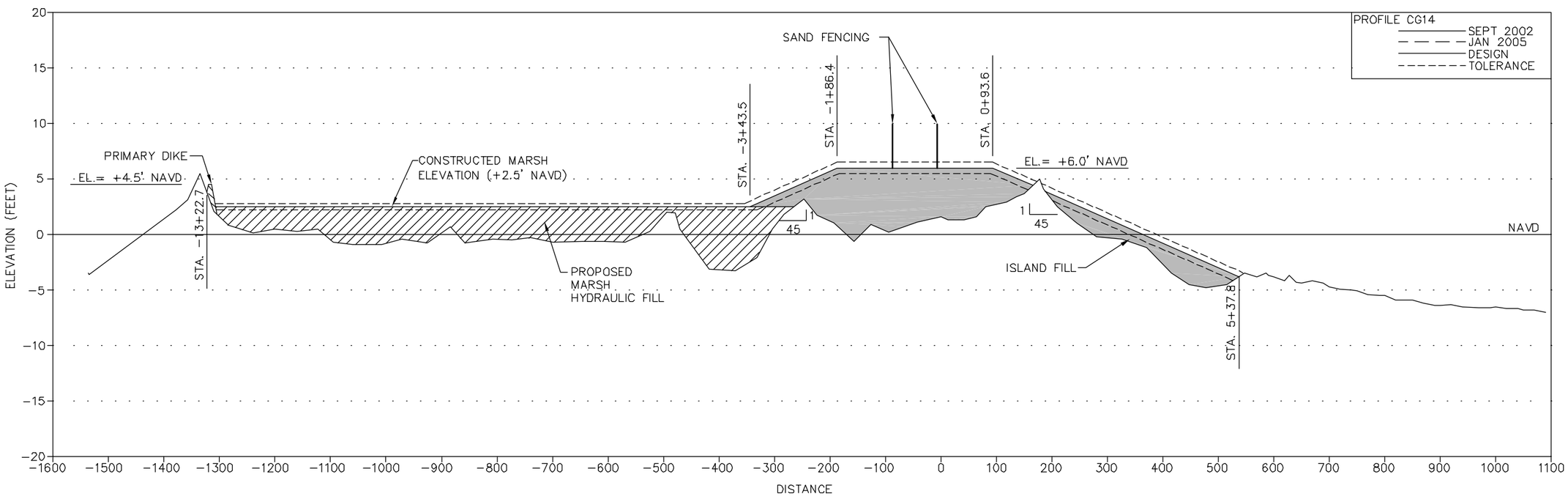
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No.: 723.00
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Reference Files: BASEBDRSHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-6





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA #2231

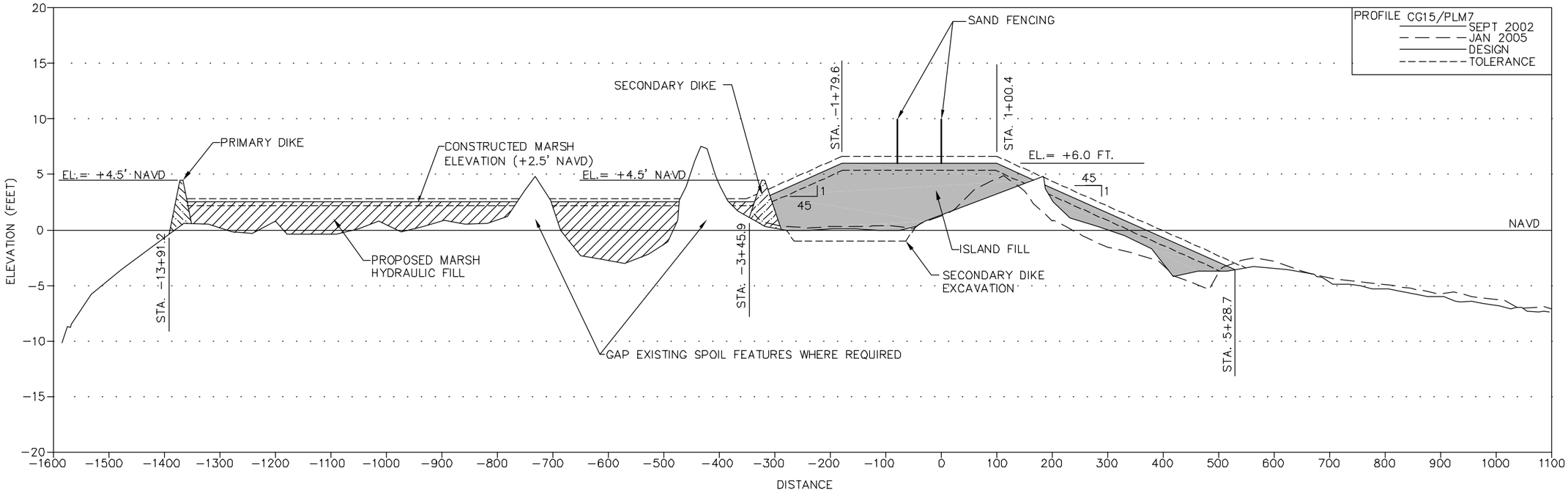
No.	Date	Description

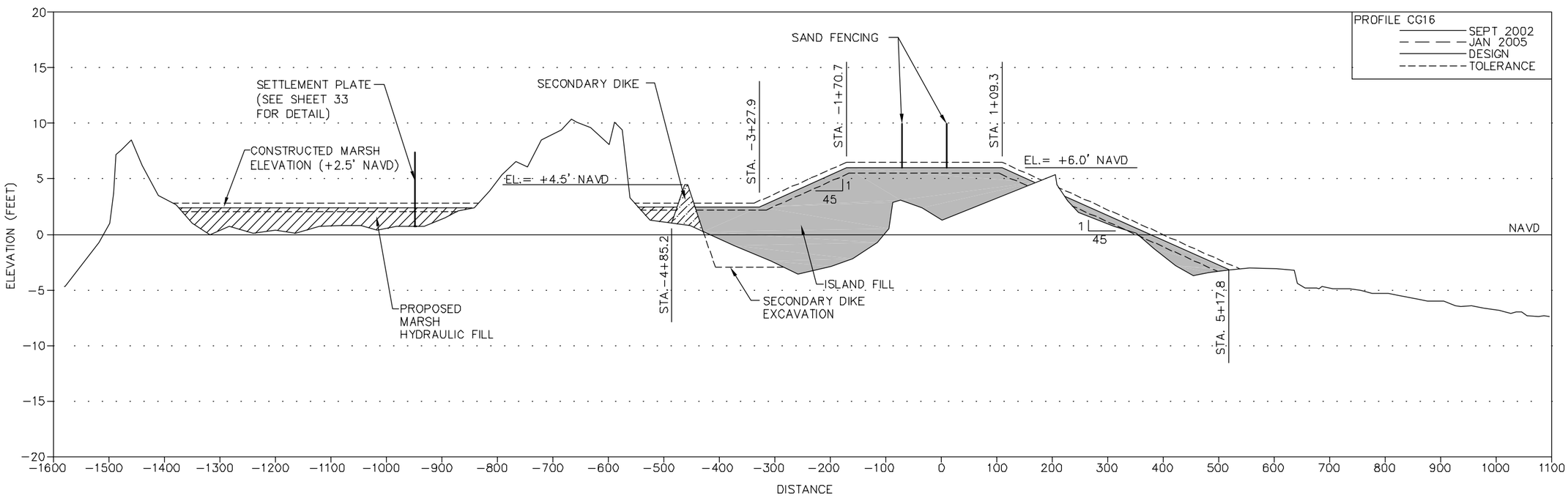
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 723.00
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Reference Files: BASEMAP-CHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
CROSS SECTIONS

DRAWING NO.
XS-7

H:\Louisiana\720100\CONSTRUCTION\CHALAND\CHALAND 1-SECTIONS.DWG





NOTES:
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C.O.A. LA #2231

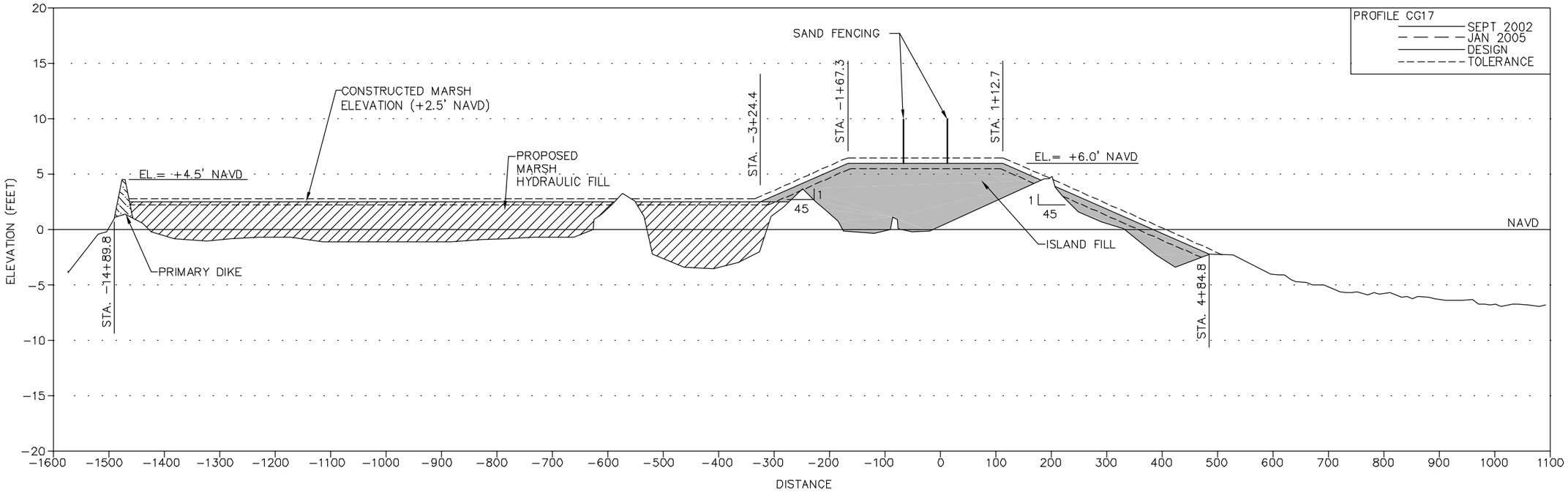
No.	Date	Description

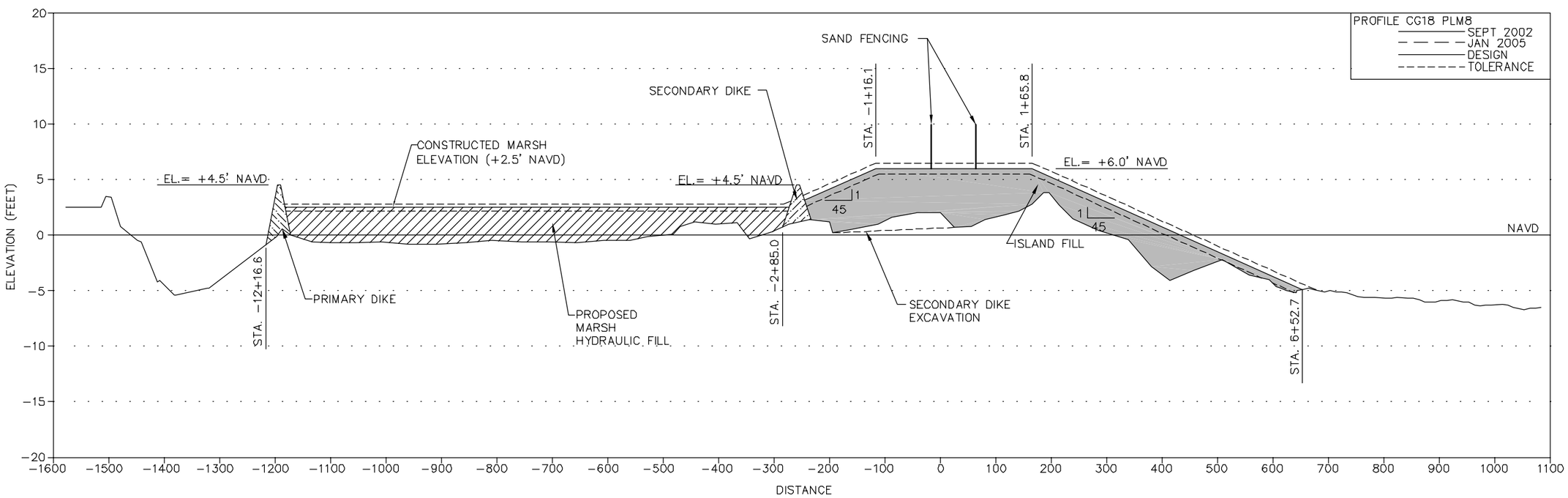
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No.: 723.00
Designed by: MJ
Drawn by: TW
Date: 1/07/03
Plot Scale: AS NOTED
Reference Files: BORDER-CHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-8





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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C.O.A. FL #4028
C.O.A. LA #2231
www.CoastalPlanning.net

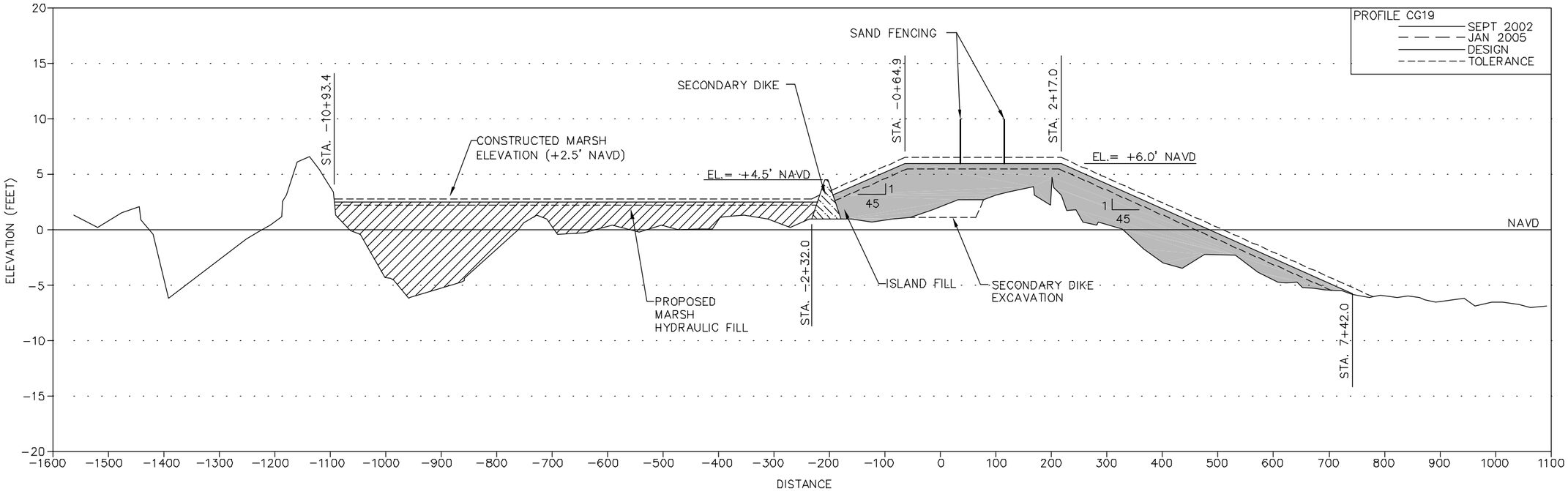
No.	Date	Description

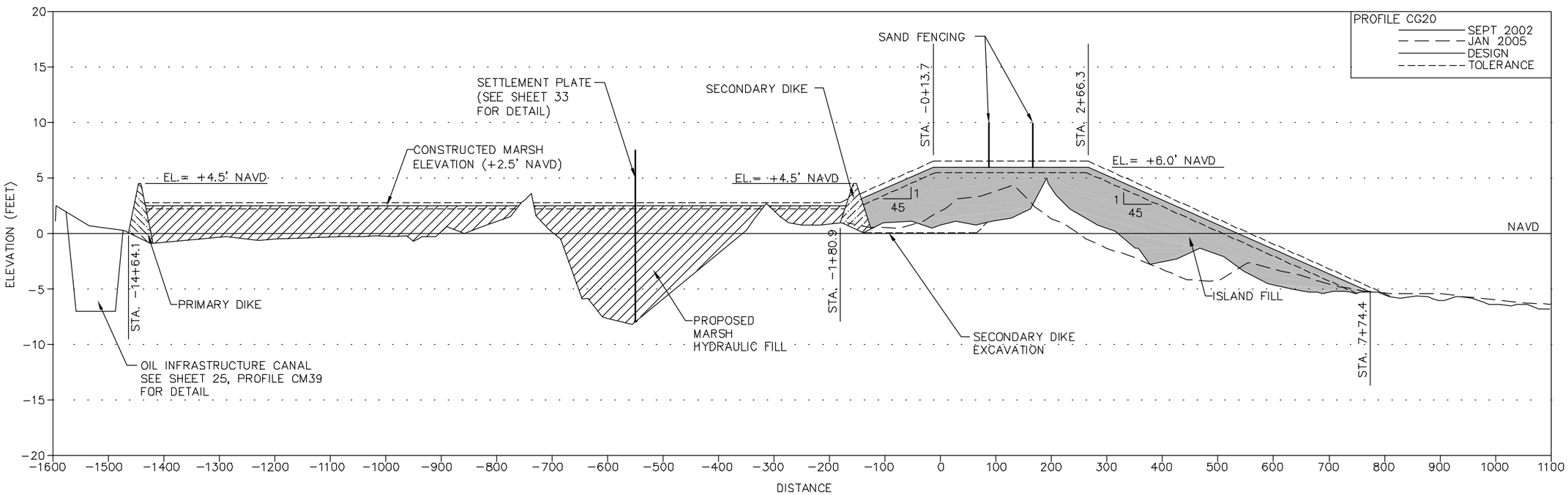
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 7261.00
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Reference Files: BASEMAP/CHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
CROSS SECTIONS

DRAWING NO.
XS-9

H:\Louisiana\7261.00\CONSTRUCTION\CHALAND\CHALAND XS-SECTIONS.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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C.O.A. FL #4028
C.O.A. LA #2231

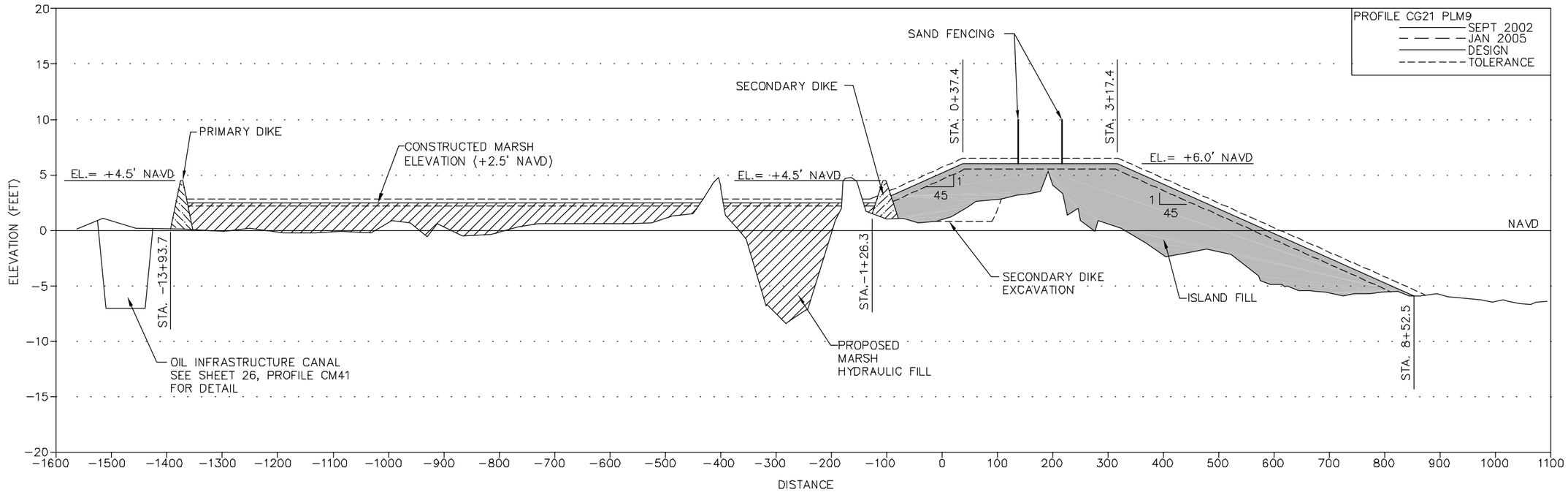
No.	Date	Description

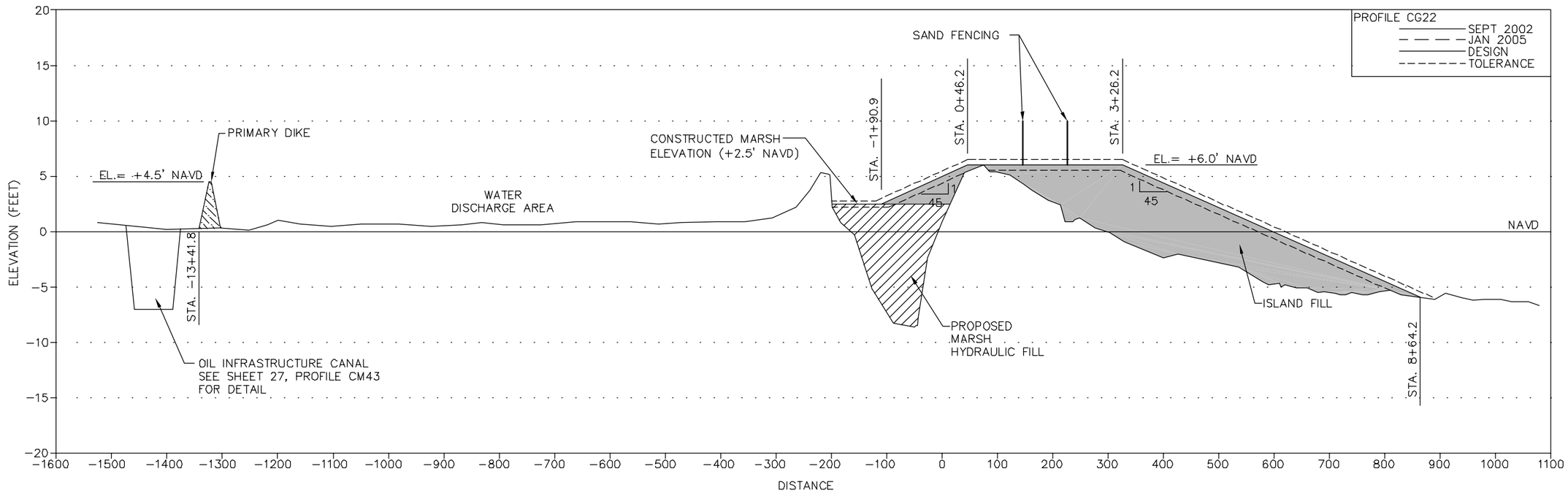
Reference Files: BASEMAP-CHALAND.DWG
Designed by: MJ
Checked by: AB
Drawn by: TW
Reviewed by: CD
Date: 11/07/03
Submitted by: MJ
Plot Scale: AS NOTED
Comm. No.: 723.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-10





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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No.	Date	Description

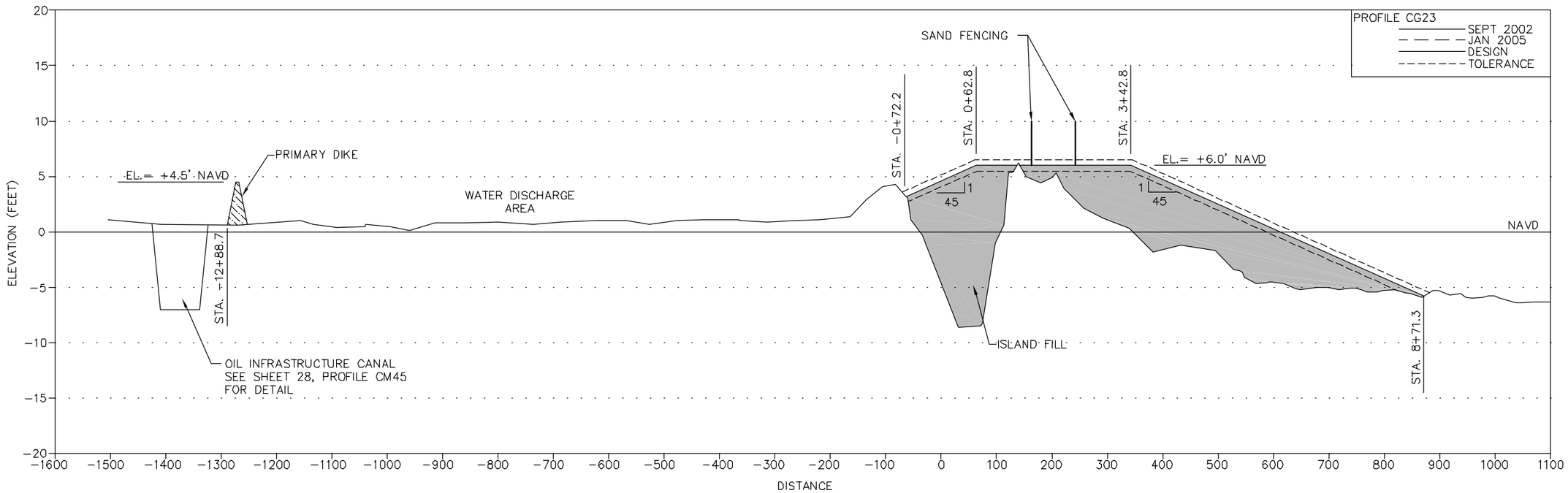
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No.: 723.00
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Reference Files: BORDER-CHALAND.DWG

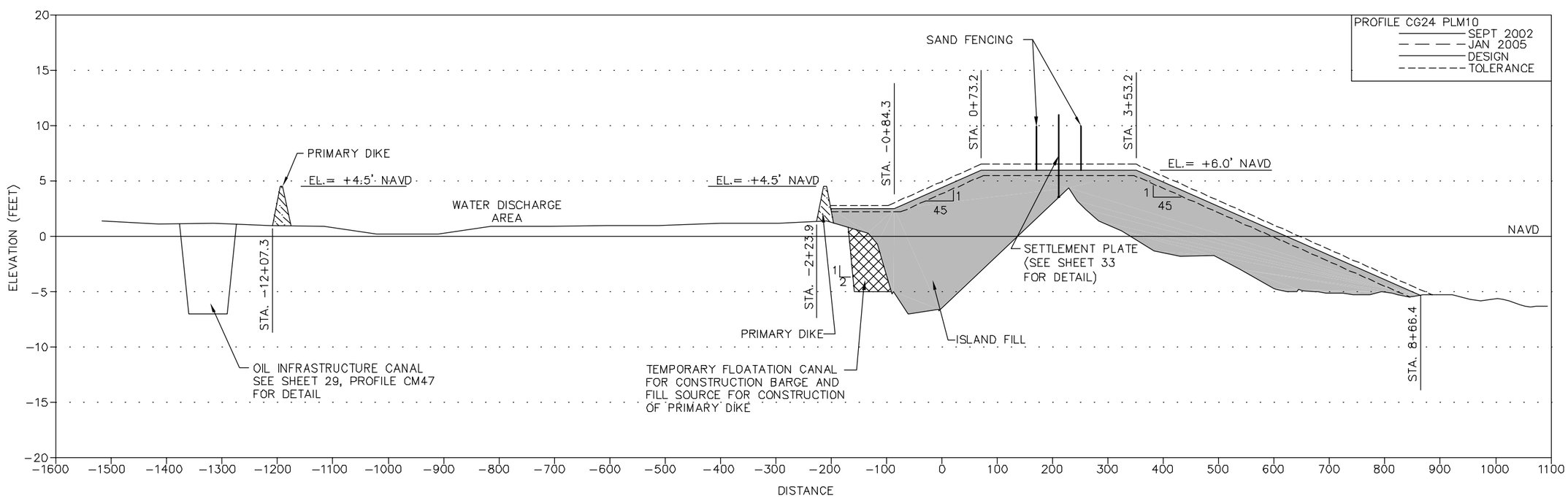
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-11

H:\Louisiana\70010\CONSTRUCTION\CHALAND\CHALAND 1-SECTIONS.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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C.O.A. LA #2231

No.	Date	Description

Reference Files: MODEL\CHALAND.DWG
Designed by: MJ
Checked by: AB
Drawn by: TW
Reviewed by: CD
Date: 1/07/03
Submitted by: MJ
Plot Scale: AS NOTED
Comm. No: 723.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-12

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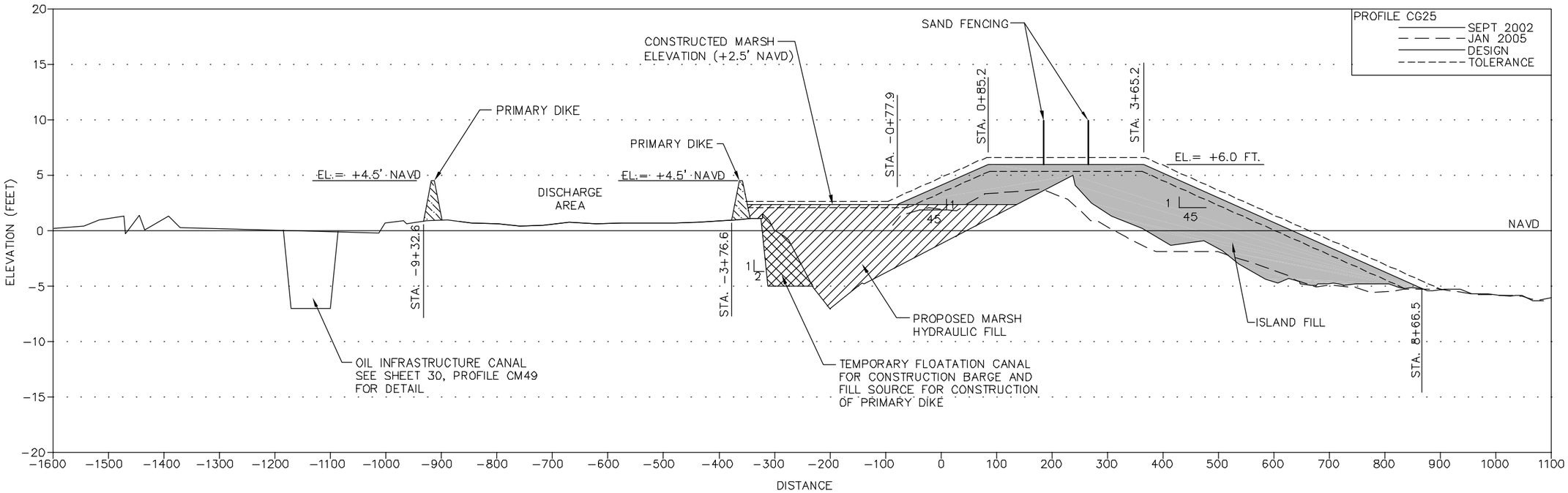

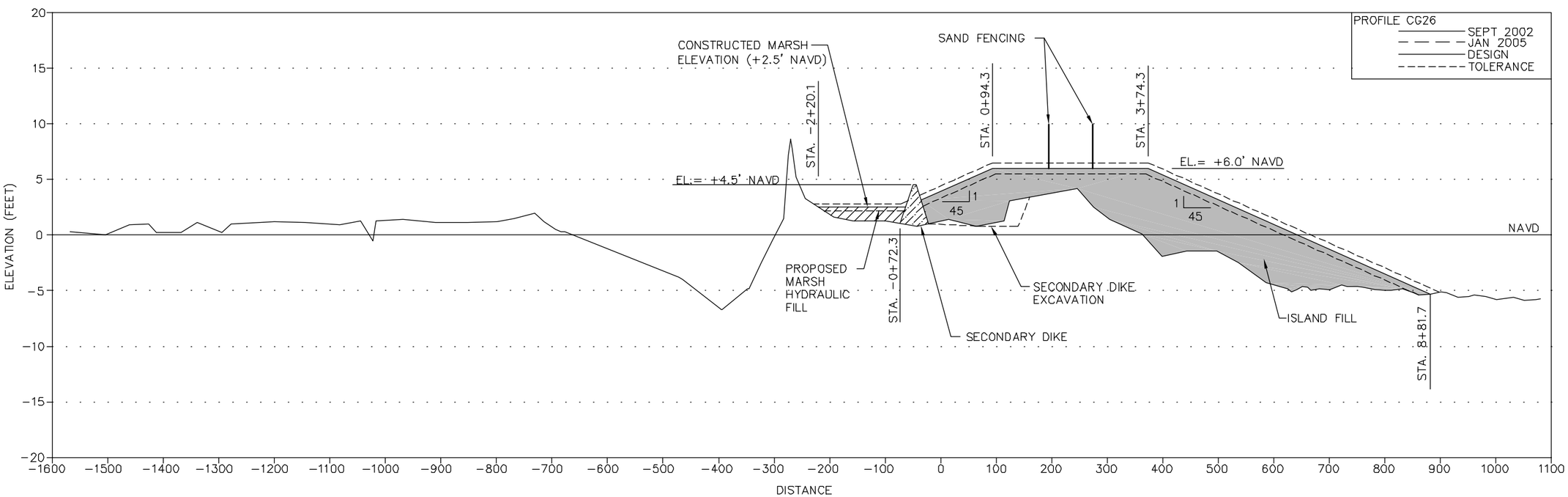

NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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C.O.A. LA #2231

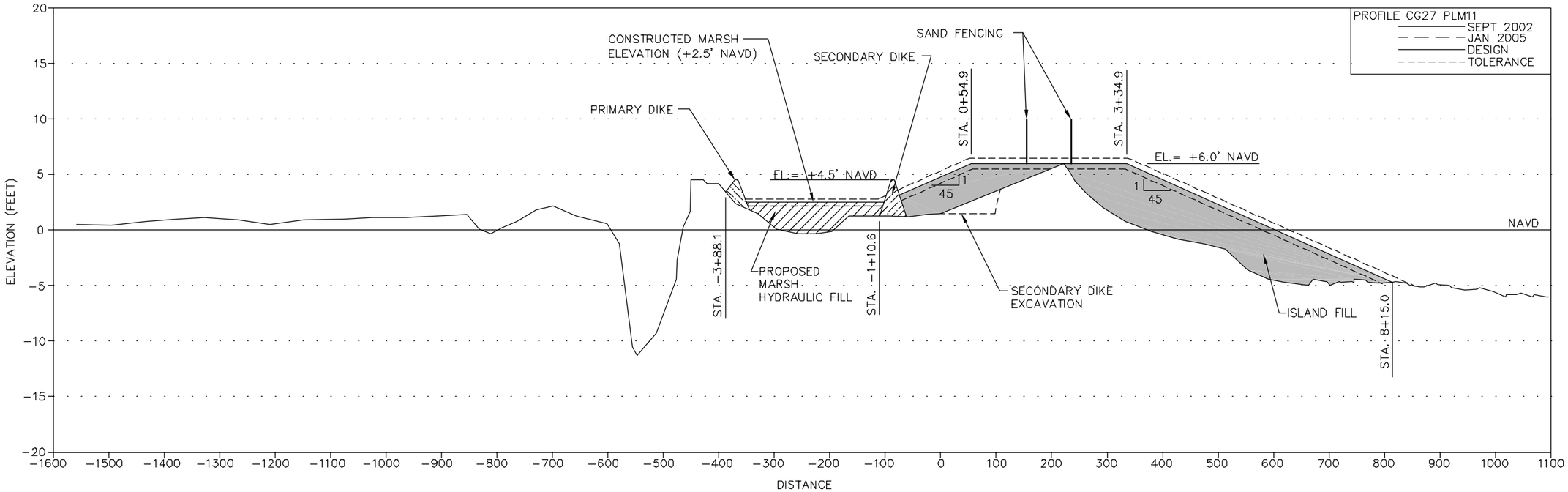
No.	Date	Description

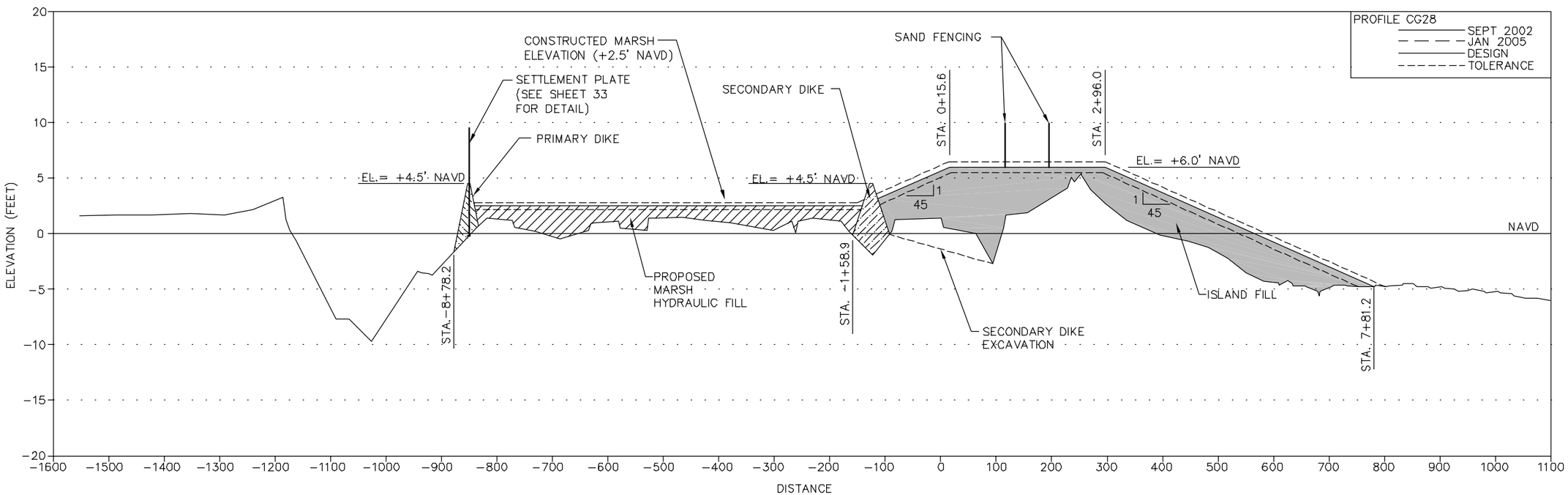
Checked by: AB
Designed by: MJ
Reviewed by: CD
Drawn by: TW
Submitted by: MJ
Date: 1/07/03
Comm. No.: 723.00
Plot Scale: AS NOTED
Reference Files: BASEREFCHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-13





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

COASTAL PLANNING & ENGINEERING, INC.
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C.O.A. LA #2231

No.	Date	Description

Checked by: AB
Designed by: MJ
Reviewed by: CD
Drawn by: TW
Submitted by: MJ
Date: 1/07/03
Comm. No.: 723.00
Plot Scale: AS NOTED
Reference Files: WORDERS\CHALAND.DWG

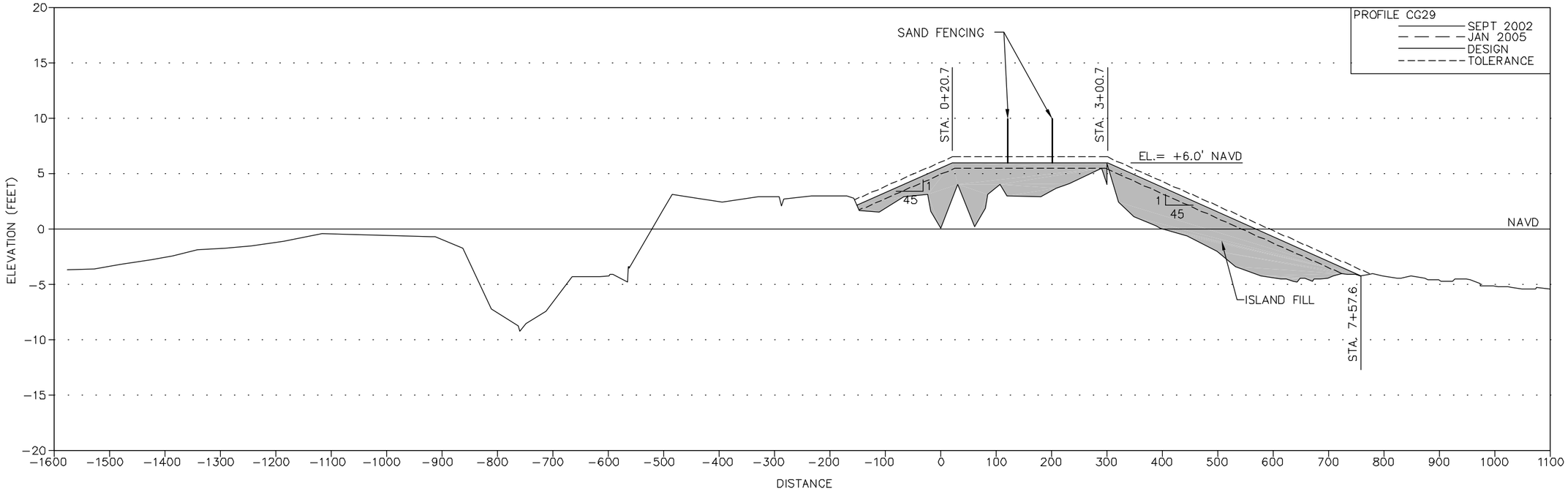
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

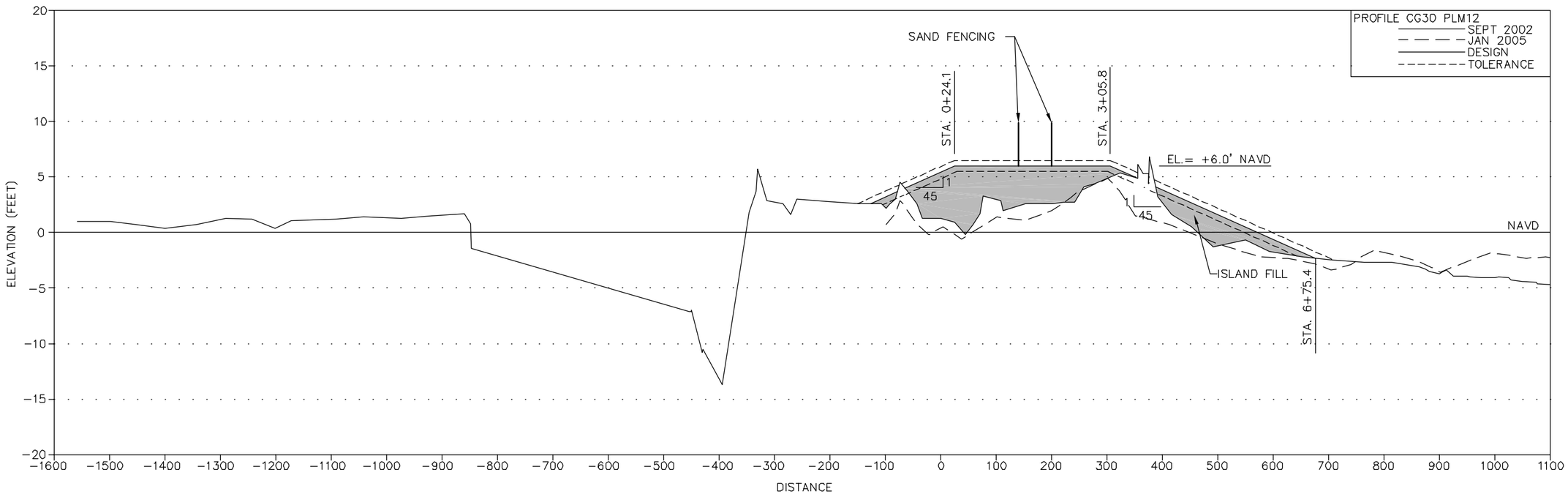
CROSS SECTIONS

DRAWING NO.
XS-14

SHEET 23 OF 34

H:\Louisiana\720100\CONSTRUCTION\CHALAND\CHALAND 1-SECTIONS.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

COASTAL PLANNING & ENGINEERING, INC.
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C.O.A. FL #4028
C.O.A. LA #2231
www.CoastalPlanning.net

No.	Date	Description
1	4/16/04	PER COMMENTS

Reference Files: BORDERCHALAND.DWG
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: MJM
Contr. No: 7231.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-15

SHEET 24 OF 34

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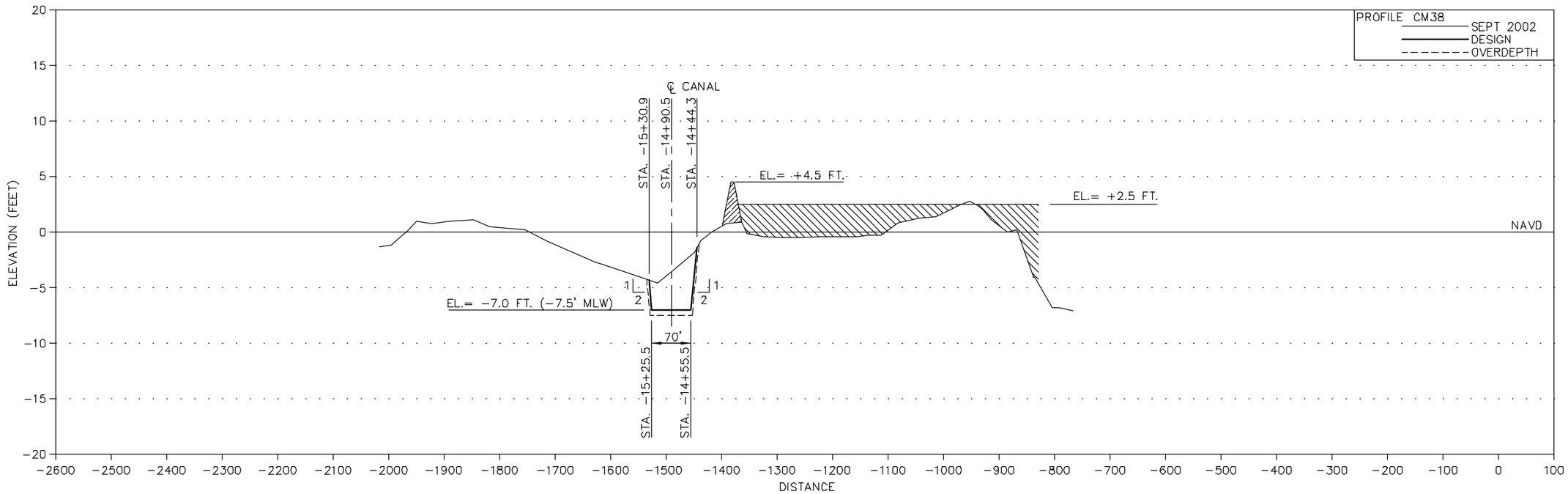

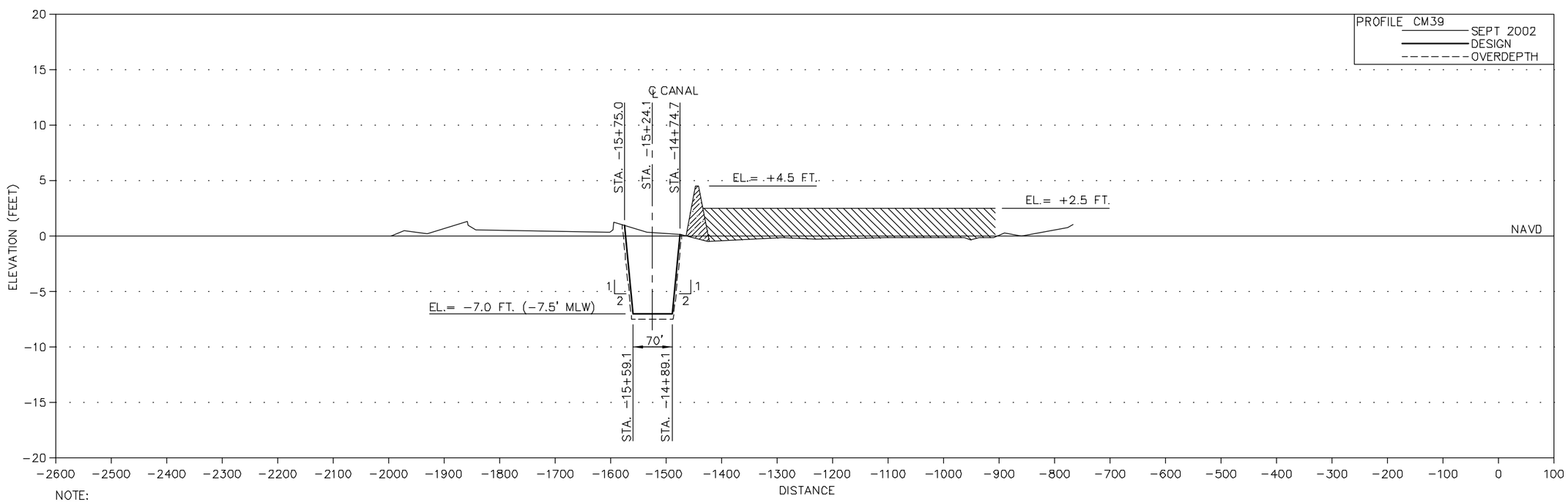

NOTE:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET
3. THIS SHEET IS ONLY INTENDED TO SHOW OIL INFRASTRUCTURE ACCES CANAL DETAIL. PRIMARY DIKE AND MARSH SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND:

DENOTES PRIMARY DIKE

DENOTES MARSH HYDRAULIC FILL

COASTAL PLANNING & ENGINEERING, INC.
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FAX (225) 578-3975
C.O.A. FL #4028
C.O.A. LA #2231
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No.	Date	Description

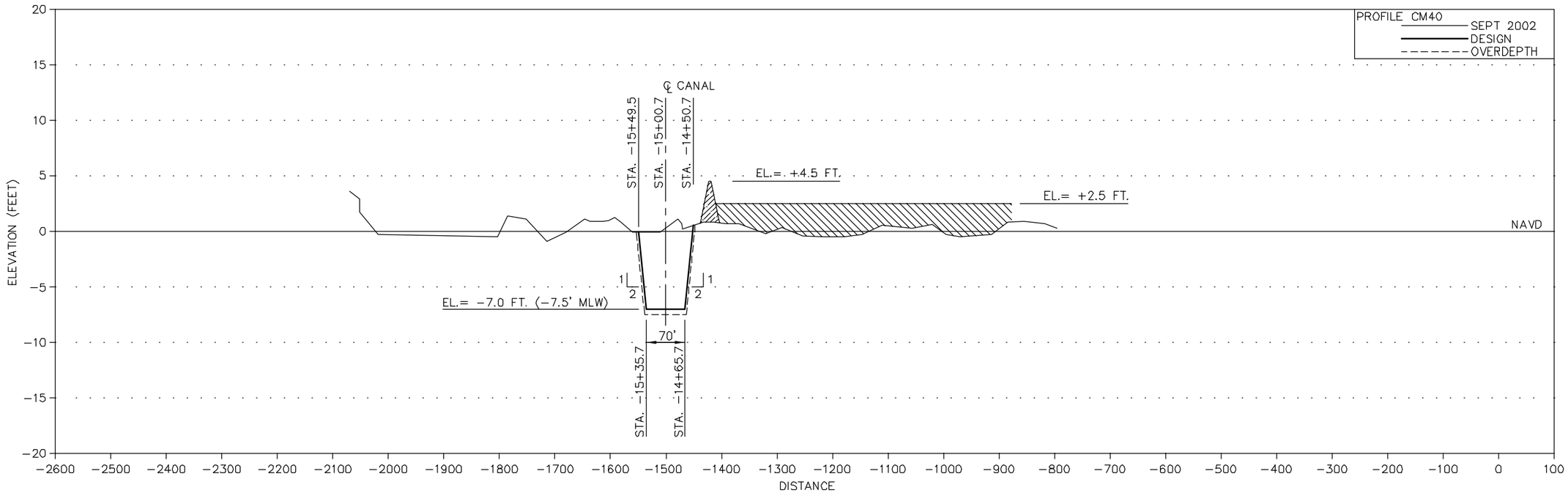
Reference Files: MORDERDHALAND.DWG
Designed by: M.J.
Drawn by: TW
Date: 1/07/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: M.J.
Comm. No.: 7261.00

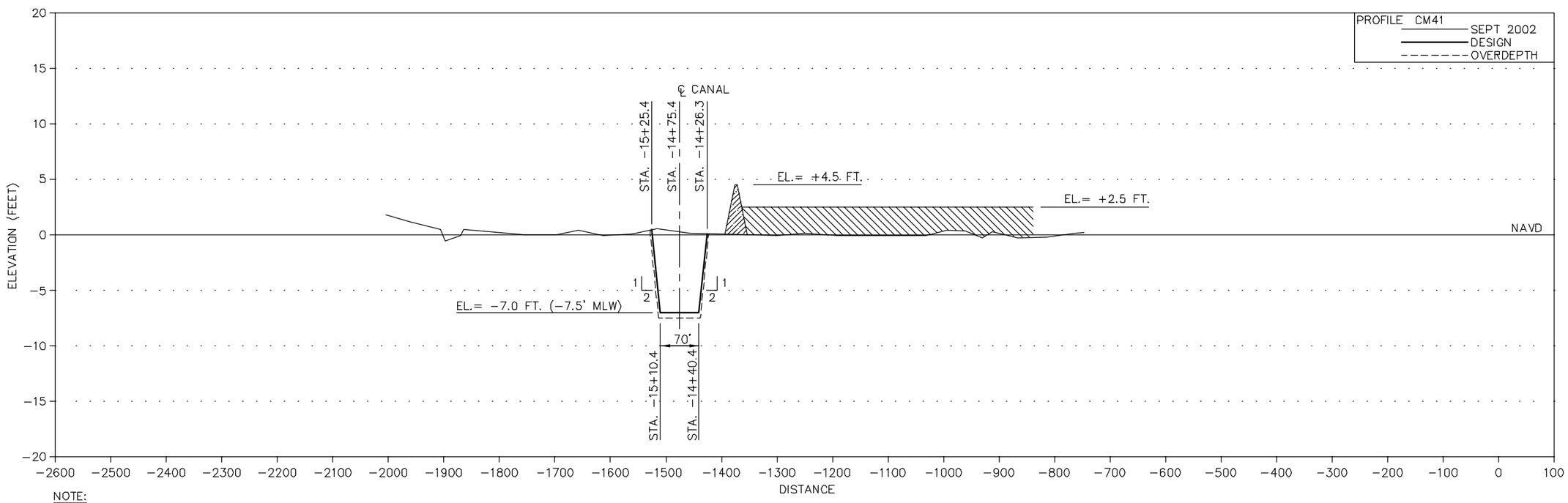
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.
XS-16

SHEET 25 OF 34

H:\Louisiana\7261.00\CONSTRUCTION\CHALAND\CHALAND CANAL X-SECTIONS.DWG





NOTE:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET
3. THIS SHEET IS ONLY INTENDED TO SHOW OIL INFRASTRUCTURE ACCESS CANAL DETAIL. PRIMARY DIKE AND MARSH SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND:
DENOTES PRIMARY DIKE
DENOTES MARSH HYDRAULIC FILL

COASTAL PLANNING & ENGINEERING, INC.
LOUISIANA BUSINESS & TECHNOLOGY CENTER
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FAX (225) 578-3975
www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA #2231

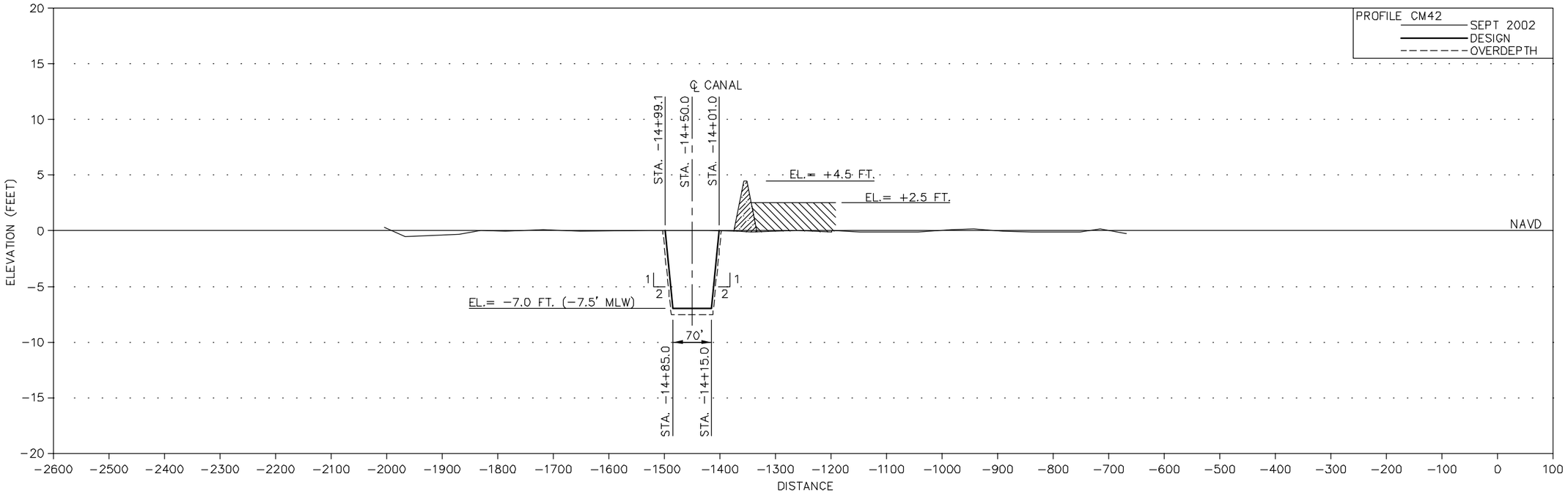
No.	Date	Description

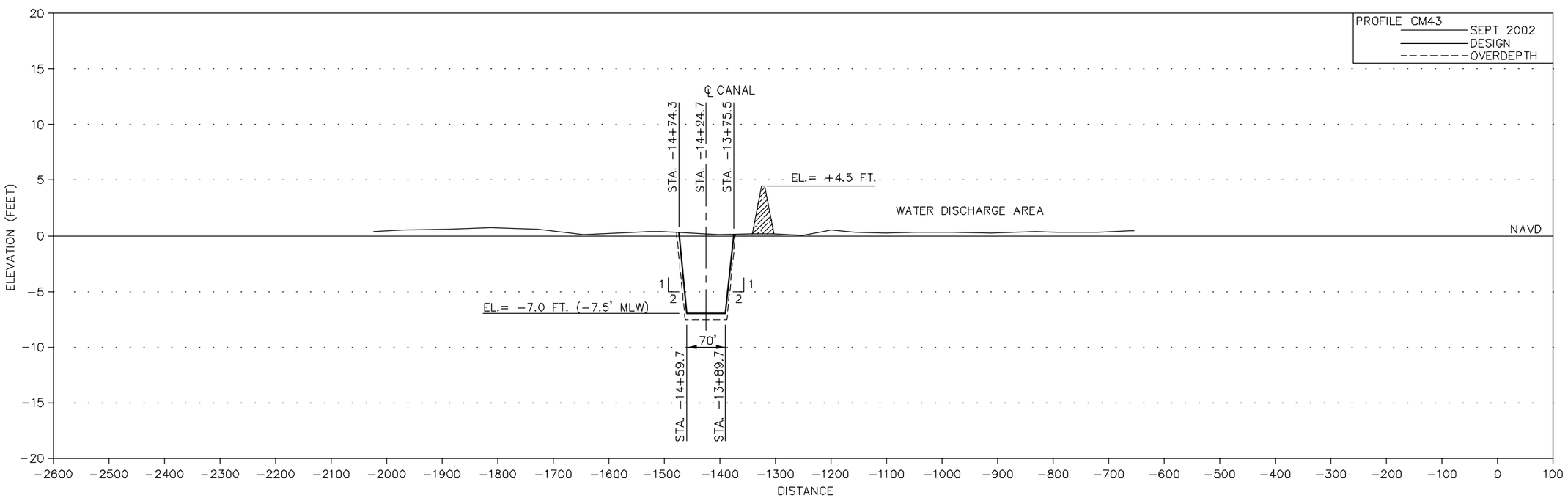
Reference Files: xsoverdepthcanal.dwg
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 7261.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.
XS-17

H:\Louisiana\7261.00\CONSTRUCTION\CHALAND\CHALAND CANAL X-SECTIONS.DWG





NOTE:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET
3. THIS SHEET IS ONLY INTENDED TO SHOW OIL INFRASTRUCTURE ACCESS CANAL DETAIL. PRIMARY DIKE AND MARSH SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND:
DENOTES PRIMARY DIKE
DENOTES MARSH HYDRAULIC FILL

COASTAL PLANNING & ENGINEERING, INC.
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FAX (225) 578-3975
C.O.A. FL #4028
C.O.A. LA #2231
www.CoastalPlanning.net

No.	Date	Description

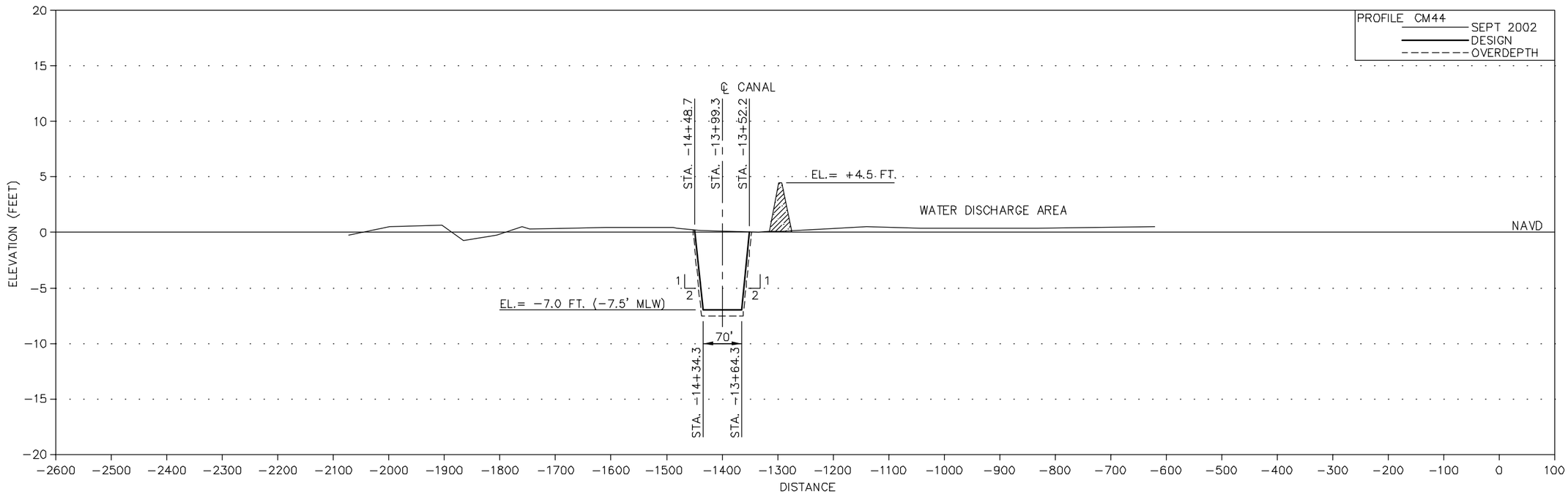
Reference Files: MORGERIPCHALAND.DWG
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 723.00

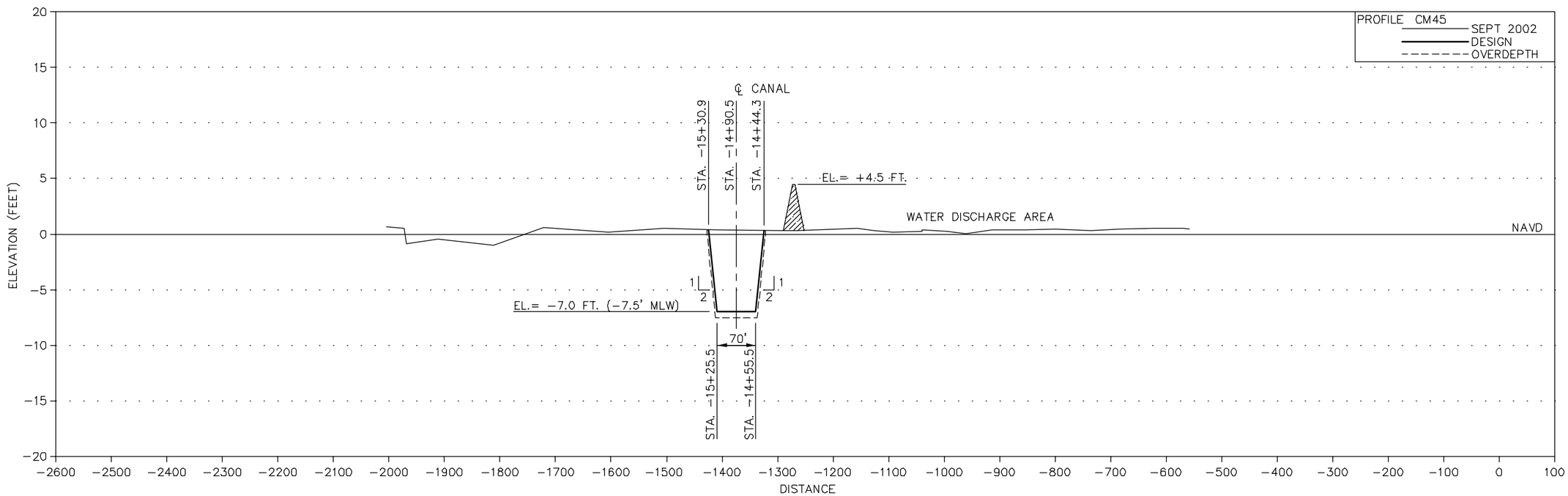
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.
XS-18

SHEET 27 OF 34

H:\Louisiana\72300\CONSTRUCTION\CHALAND\CHALAND CANAL X-SECTIONS.DWG





NOTE:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET
3. THIS SHEET IS ONLY INTENDED TO SHOW OIL INFRASTRUCTURE ACCESS CANAL DETAIL. PRIMARY DIKE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND:

DENOTES PRIMARY DIKE

COASTAL PLANNING & ENGINEERING, INC.
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www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA #2231

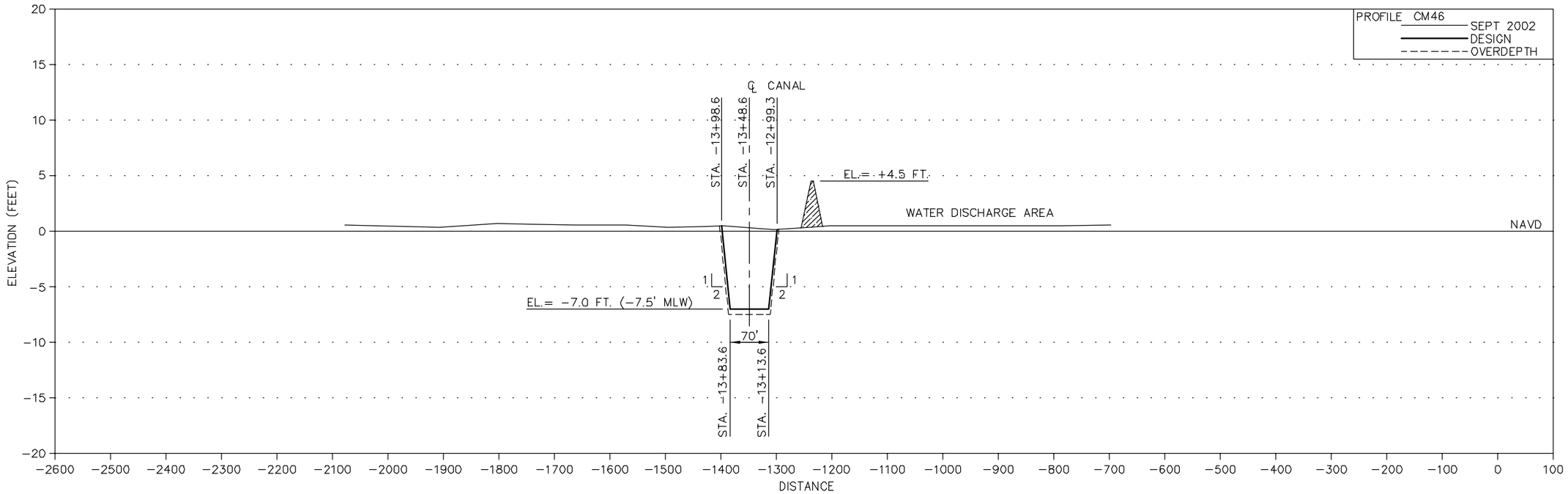
No.	Date	Description

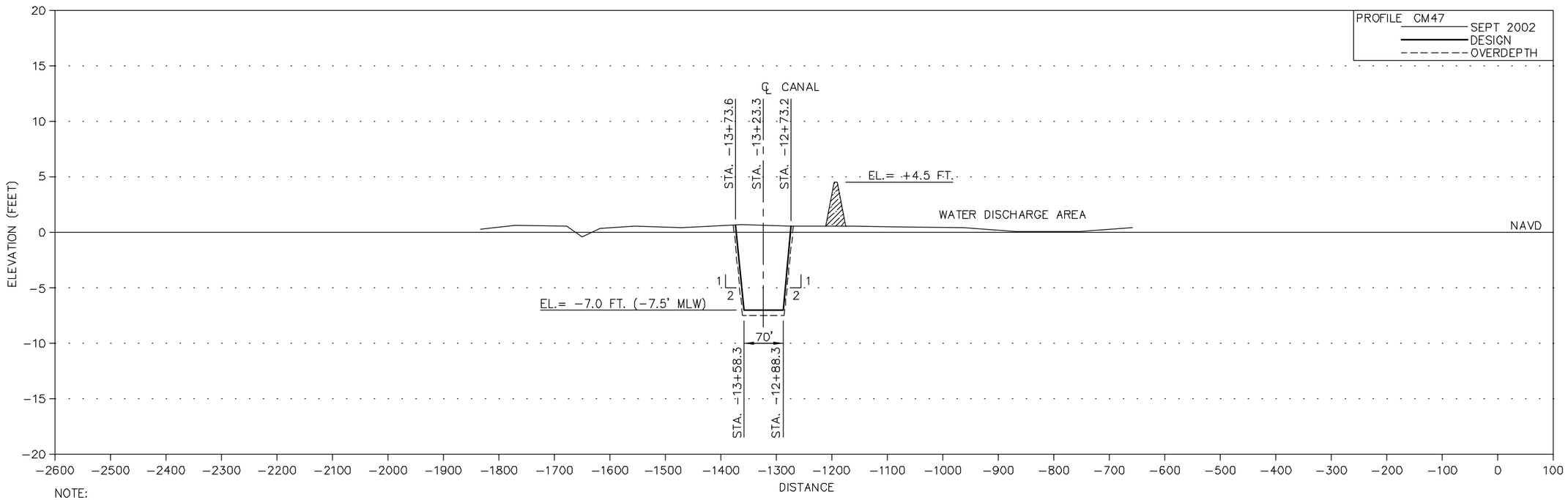
Reference Files: MORGERSHALAND.DWG
Designed by: MJ
Checked by: AB
Drawn by: TW
Reviewed by: CD
Date: 11/07/03
Submitted by: MJ
Plot Scale: AS NOTED
Comm. No.: 723.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.
XS-19

H:\Louisiana\72000\CONSTRUCTION\CHALAND\CHALAND CANAL X-SECTIONS.DWG





NOTE:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET
3. THIS SHEET IS ONLY INTENDED TO SHOW OIL INFRASTRUCTURE ACCESS CANAL DETAIL. PRIMARY DIKE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND:

DENOTES PRIMARY DIKE

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www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA #2531

No.	Date	Description

Reference Files: BORDERCHALAND.DWG
Designed by: MJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CD
Submitted by: MJ
Comm. No: 723.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.
XS-20

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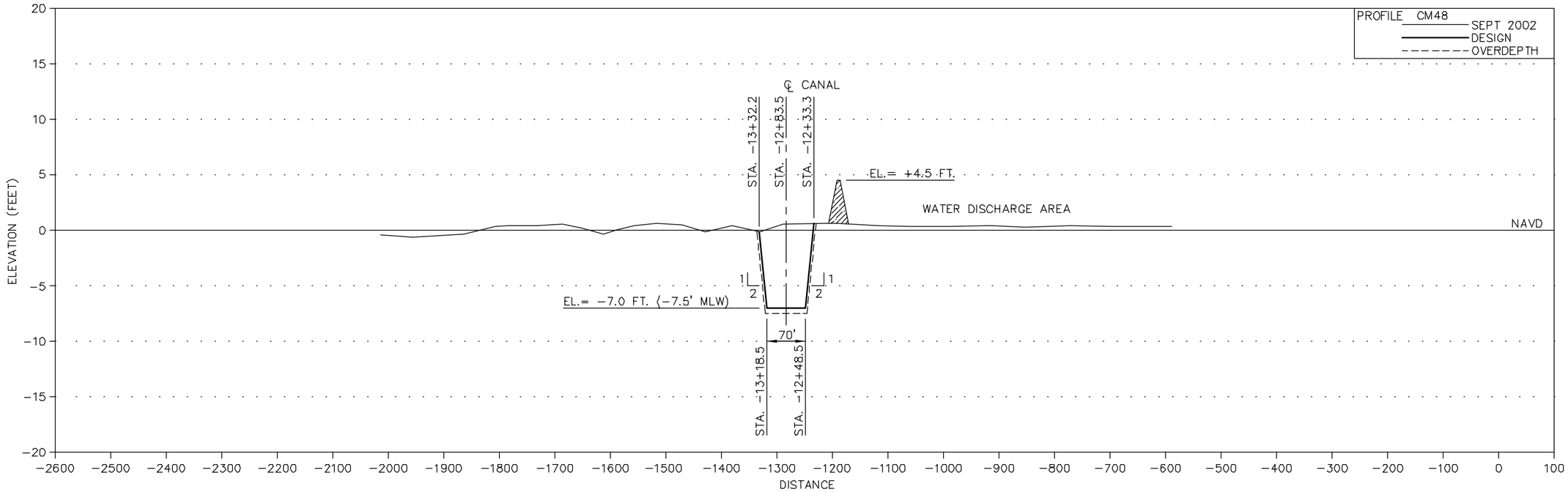

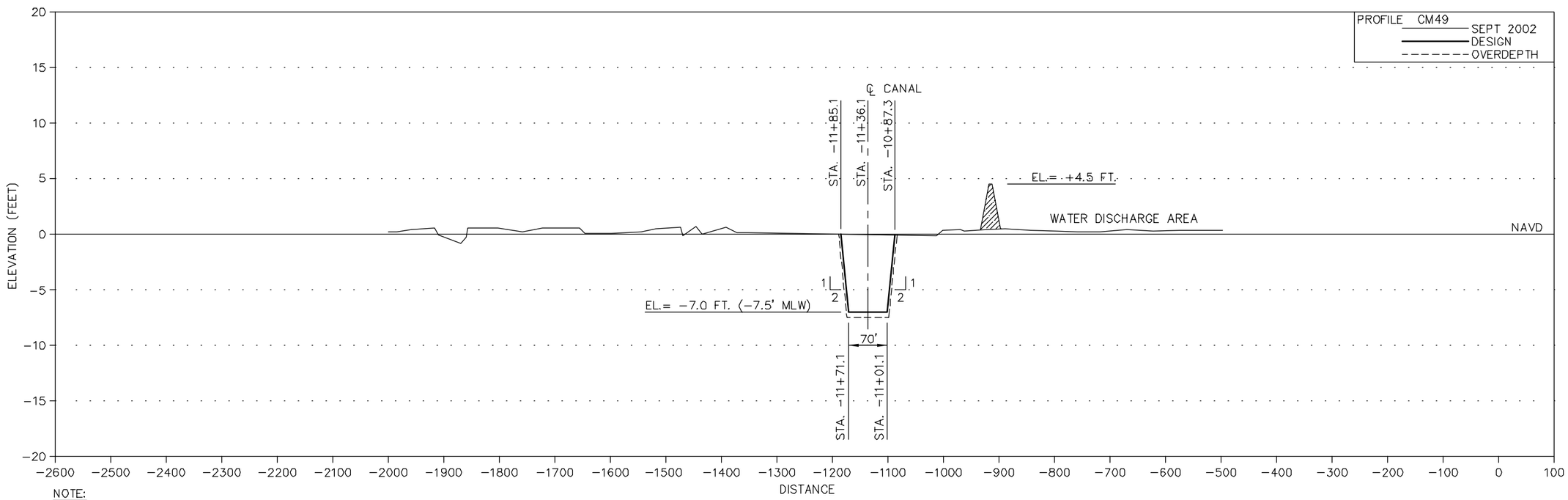

NOTE:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET
3. THIS SHEET IS ONLY INTENDED TO SHOW OIL INFRASTRUCTURE ACCESS CANAL DETAIL. PRIMARY DIKE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND:

DENOTES PRIMARY DIKE

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C.O.A. LA #2231
www.CoastalPlanning.net

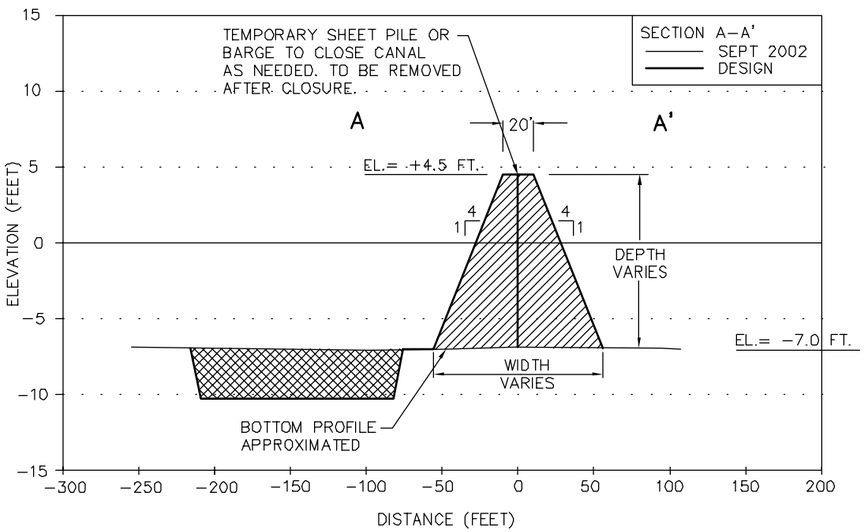
No.	Date	Description

Reference Files: BORDER-CHALAND.DWG
Designed by: M.J. Mull
Checked by: AB
Drawn by: TW
Reviewed by: CD
Date: 11/07/03
Submitted by: M.J. Mull
Plot Scale: AS NOTED
Comm. No.: 723.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.
XS-21

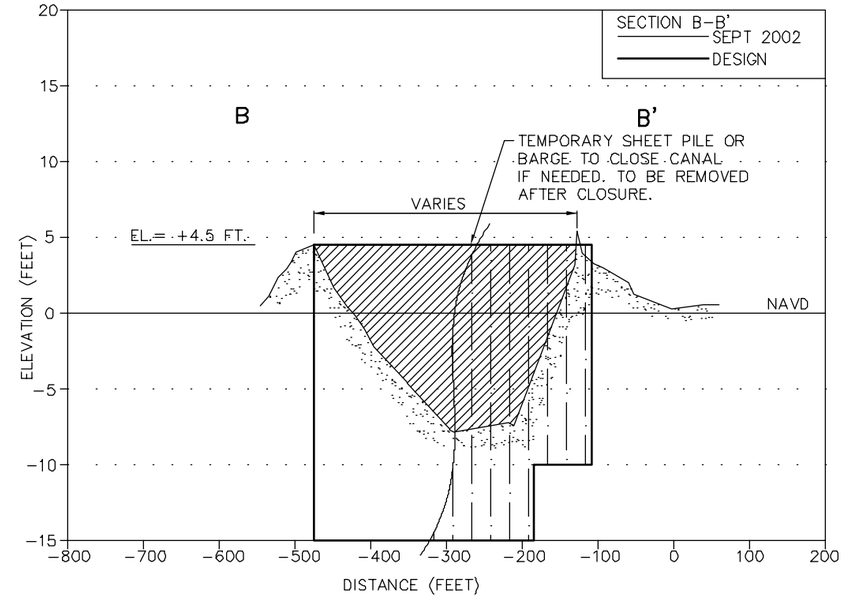
H:\Louisiana\70100\CONSTRUCTION\CHALAND\CHALAND CANAL X-SECTIONS.DWG



CANAL CLOSURE CROSS SECTION A–A'

NOTES:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

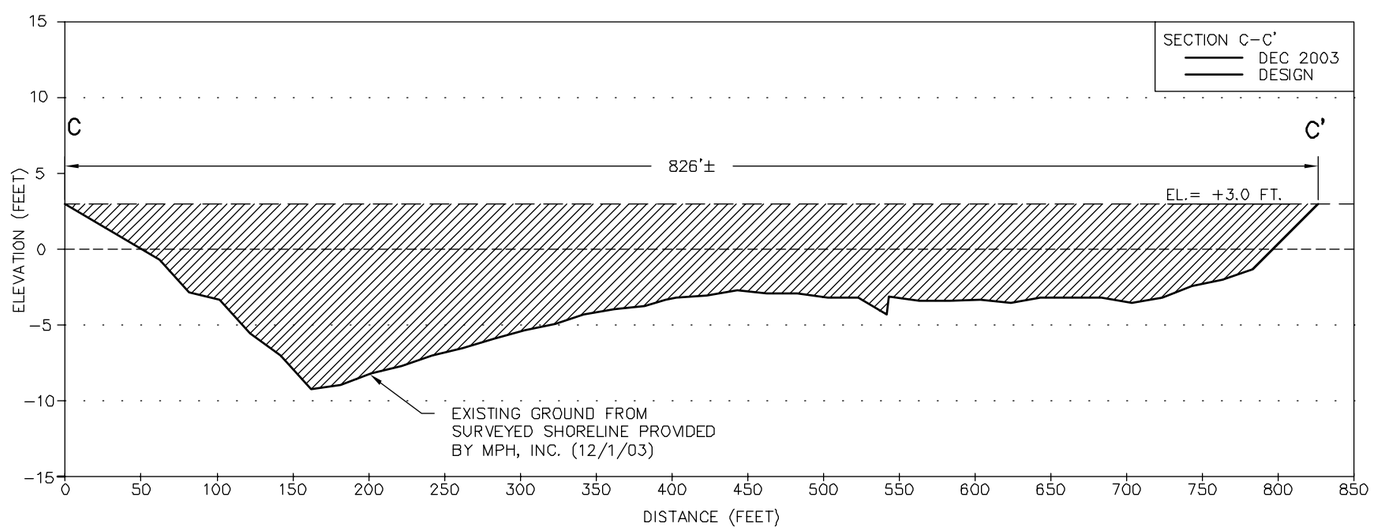
LEGEND:
- FILL MATERIAL TO CLOSE CANAL
- DENOTES EXCAVATED MARSH MATERIAL TO BE USED FOR CANAL CLOSURE



CANAL CLOSURE CROSS SECTION B–B'

NOTES:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

LEGEND:
- FILL MATERIAL TO CLOSE CANAL



BREACH CLOSURE CROSS SECTION C–C'

LEGEND:
- SAND MATERIAL TO CLOSE BREACH

NOTES:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. DEPTH AND WIDTH OF BREACH VARIES.
3. SAND MATERIAL ONLY TO BE USED FOR CLOSURE OF BREACH.
4. EXISTING ELEVATION AND WIDTH OF BREACH HAVE CHANGED (JAN 2005). SEE CG9 AND CG10 SECTION ON SHEET 14.

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C.O.A. LA #2531

No.	Date	Description

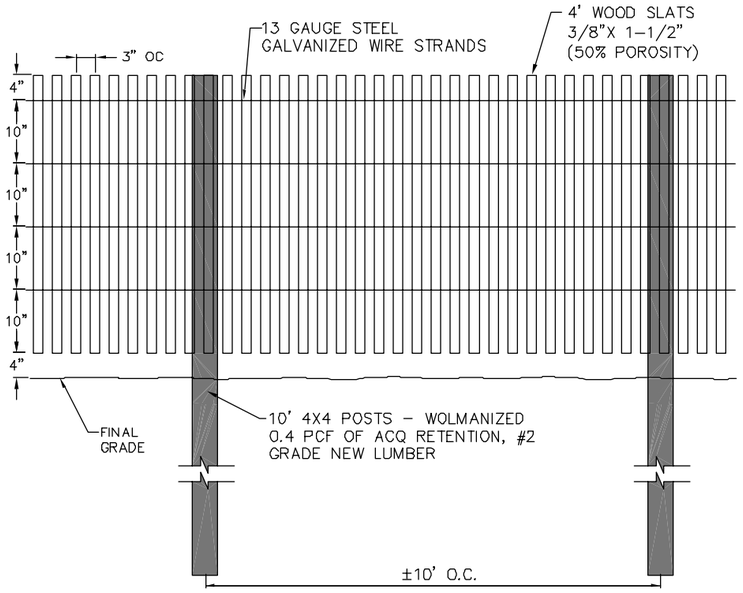
Checked by: AB
Reviewed by: CD
Submitted by: MJJ
Contract No.: 7281.00
Designed by: MJJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED
Reference Files: BORDER24LAND.DWG

CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT

CROSS SECTION DETAILS

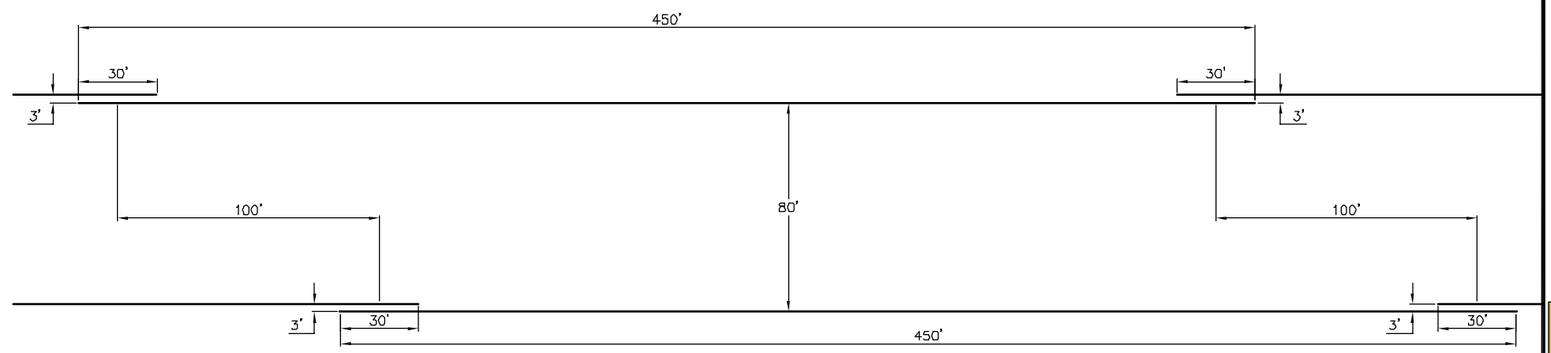
DRAWING NO.
DE–1

H:\Louisiana\72810\CONSTRUCTION\CHALAND_DETAILS.DWG



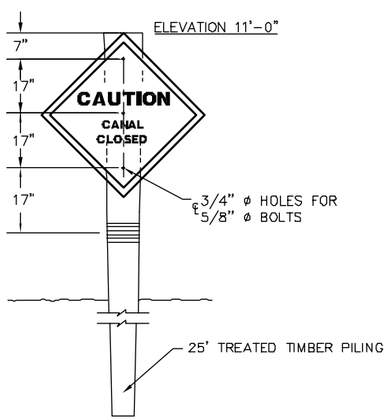
FENCING DETAILS

N.T.S.



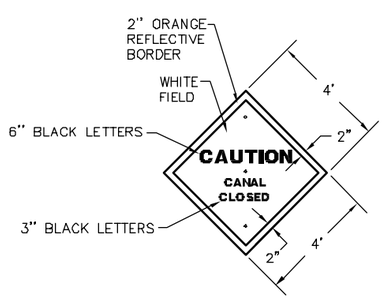
FENCE GAPPING DIMENSIONS

N.T.S.



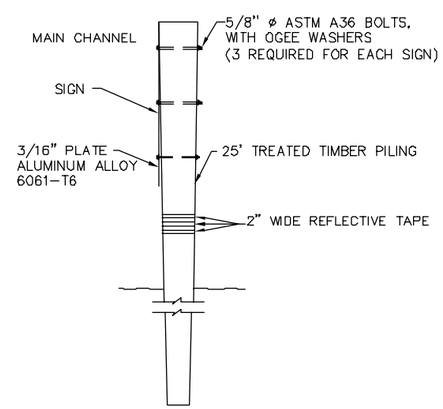
CAUTION SIGN ELEVATION

N.T.S.



CAUTION SIGN DETAIL

N.T.S.



CAUTION SIGN SIDE DETAIL

N.T.S.

GENERAL NOTES:

1. FIVE UNLIGHTED CAUTION SIGNS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON PLAN VIEWS.
2. THE 2" BORDER ON THE CAUTION SIGN WILL BE A REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD WILL BE A REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE CAUTION SIGNS WILL BE BLACK. ALL SIGNS MUST MEET U.S. COAST GUARD STANDARDS; IN ACCORDANCE WITH 33 CFR 330.4 (a) (1) WHICH CAN BE DOWNLOADED AT http://www.access.gpo.gov/nara/cfr/waisidx_02/33cfr330_02.html
3. NEOPRENE WASHERS SHALL BE PLACED BETWEEN THE SIGN AND THE PILING AT ALL POINTS OF CONTACT. SPACERS SHALL BE PLACED BETWEEN THE SIGN AND THE WASHERS. A PLASTIC OR NYLON SLEEVE SHALL BE PLACED TO PREVENT DIRECT CONTACT BETWEEN THE BOLT AND THE SIGN.
4. HARDWARE FOR TIMBER CONNECTIONS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH SECTION 811.5 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS PUBLISHED BY THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, LATEST EDITION.
5. ALL TIMBER PILLING SHALL CONFORM TO LA DOTD 2000 STANDARD SPECIFICATION SECTIONS 812 AND 1014. ALL PILING SHALL BE TREATED WITH CREOSOTE OR CHROMATED COPPER ARSENATE (CCA). ALL CREOSOTE TREATMENT SHALL MEET AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) P2 WITH A MINIMUM RETENTION OF 20 LB./CU. FT. ALL CREOSOTE TREATED PILINGS SHALL BE STEAM FLUSHED FOR A MINIMUM OF ONE (1) HOUR AT 240°F (116°C) AFTER TREATMENT. ALL CCA TREATED PILES SHALL CONFORM TO AWPA CW WITH A MINIMUM RETENTION OF 2.5 LB./CU. FT. OF CCA OXIDES IN THE OUTER 0.60 INCHES. RETENTION SHALL BE DETERMINED BY ASSAY PERFORMED AND CERTIFIED BY THE TREATING COMPANY.
6. TIMBER PILING SHALL BE 25-FEET IN LENGTH WITH A NOMINAL 12-INCH DIAMETER BUTT AND 8-INCH MINIMUM DIAMETER AT THE TIP, PER ASTM D25.

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C.O.A. FL #4028
C.O.A. LA #2531

No.	Date	Description

Checked by: AB
Reviewed by: CD
Submitted by: MJJ
Contract No: 7281.00

Designed by: MJJ
Drawn by: TW
Date: 11/07/03
Plot Scale: AS NOTED

Reference Files: BORDER-DH-LND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

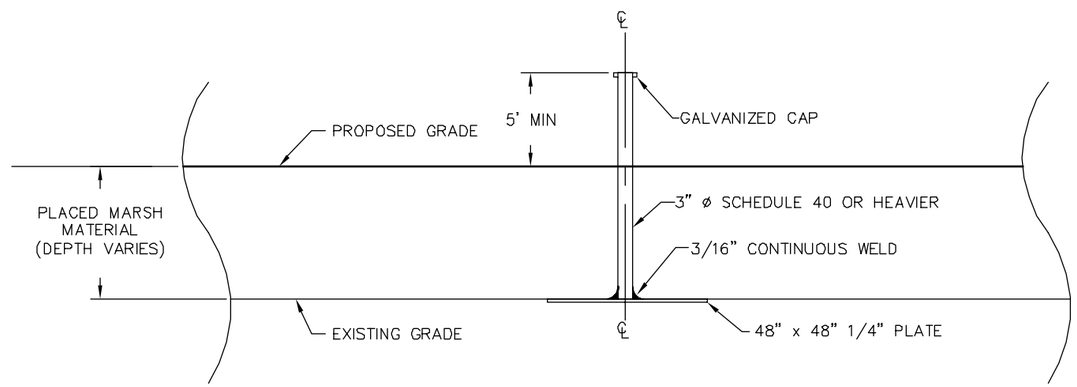
SAND FENCING
& SIGN DETAILS

DRAWING NO.

DE-2

SHEET 32 OF 34

H:\Louisiana\72810\CONSTRUCTION\CHALAND\CHALAND SAND FENCE DETAIL.dwg



SETTLEMENT PLATE DETAIL

NOT TO SCALE

SETTLEMENT PLATE LOCATIONS		
PROFILE LINE	STATION	LOCATION
CG4	-0+45	MIDDLE OF SAND DUNE
CG8	-6+00	MARSH
CG13	-14+22	C.L. OF PRIMARY DIKE
CG16	-8+48	MARSH
CG20	-5+50	MARSH
CG24	1+55	MIDDLE OF SAND DUNE
CG28	-8+37	C.L. OF PRIMARY DIKE

NOTE:

1. SETTLEMENT PLATES SHALL BE BUILT USING ASTM A36 STEEL AND HOT-DIPPED GALVANIZED AFTER FABRICATION.

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C.O.A. LA #2531
www.CoastalPlanning.net

No.	Date	Description

Designed by: MJ
Drawn by: TW
Checked by: AB
Reviewed by: CD
Date: 11/07/03
Submitted by: MJ
Plot Scale: AS NOTED
Contr. No.: 72561.00

Reference Files: BATOR\CHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

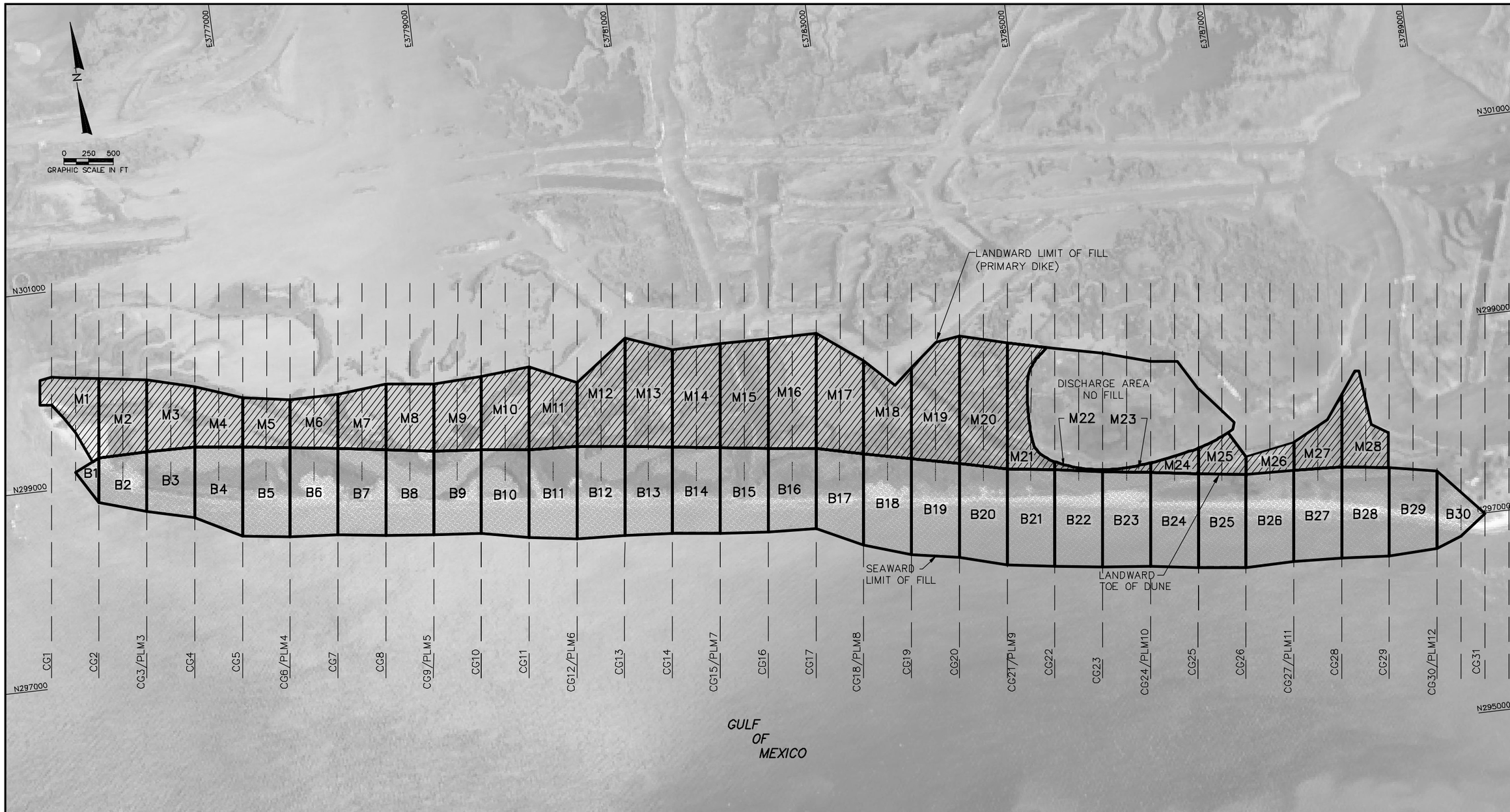
SETTLEMENT PLATE DETAIL

DRAWING NO.

DE-3

SHEET 33 OF 34

H:\Louisiana\72561.00\CONSTRUCTION\CHALAND_DETAILS.DWG



NOTES:

1. PHOTOGRAPH TAKEN IN 2000.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
DISCHARGE AREA.

LEGEND:

MARSH FILL AREA

BEACH WORK AREA

M6 MARSH SECTION LABEL

B6 BEACH SECTION LABEL

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C.O.A. LA #2531
www.CoastalPlanning.net

No.	Date	Description

Reference Files: BORDER-CHALAND.DWG	Designed by: MJ
	Checked by: AB
Drawn by: RDO	Reviewed by: CB
Date: 11/07/03	Submitted by: MJ
Plot Scale: AS NOTED	Comm. No: 7261.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

PAYMENT ACCEPTANCE SECTIONS

DRAWING NO.

PA-1

SHEET 34 OF 34

H:\CAD\BRIA\7261.00\CONSTRUCTION\CHALAND\CHALAND PAYMNT ACCEPT.DWG

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

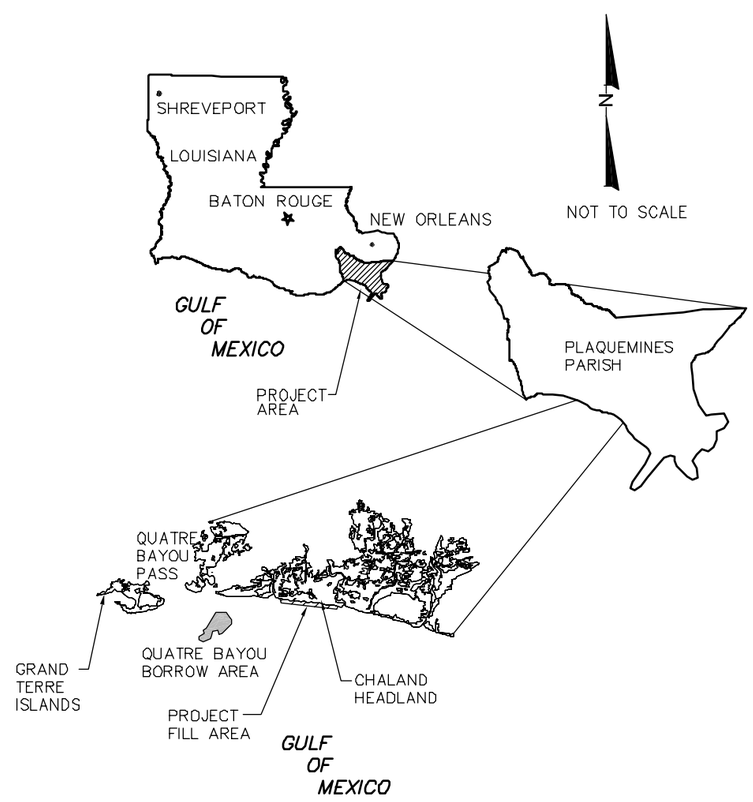
POINTS OF INTERSECTION (PI) OF PROFILE LINES WITH PROJECT BASELINE (STA. 0+00)

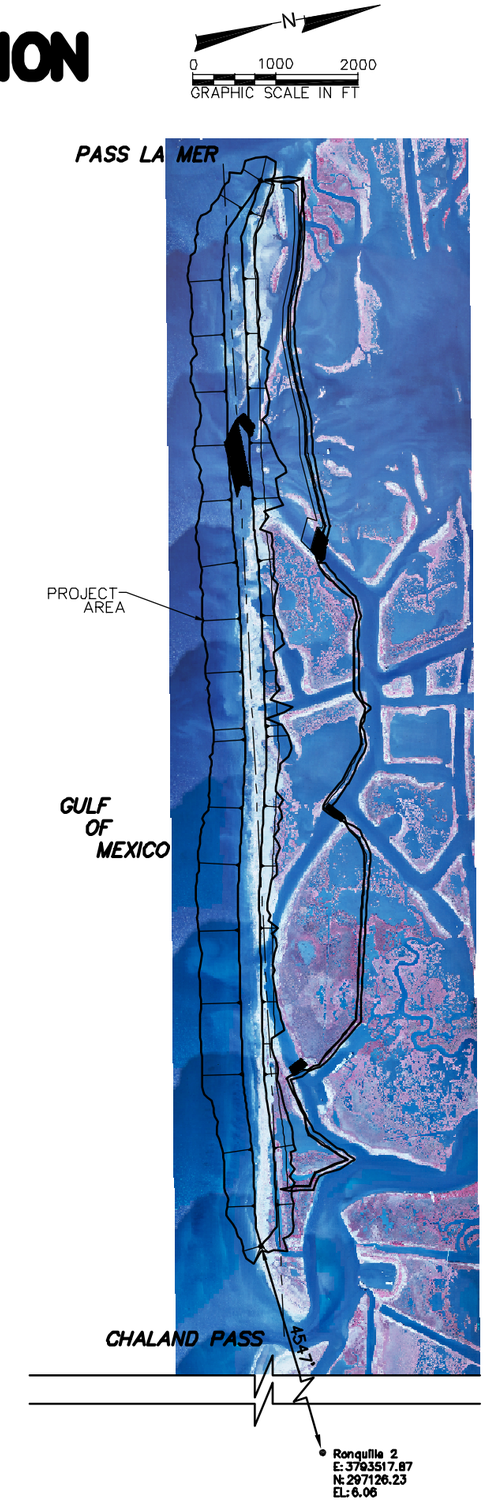
PI	EASTING	NORTHING
CG01	3774831.3	299096.3
CG02	3775311.7	299037.2
CG03/PLM3	3775792.0	298978.1
CG04	3776272.4	298919.0
CG05	3776752.7	298859.9
CG06/PLM4	3777233.0	298800.8
CG07	3777713.4	298741.7
CG08	3778193.7	298682.6
CG09/PLM5	3778674.0	298623.5
CG10	3779154.4	298564.4
CG11	3779634.7	298505.3
CG12/PLM6	3780115.0	298446.2
CG13	3780595.4	298387.1
CG14	3781075.7	298328.0
CG15/PLM7	3781556.0	298268.9
CG16	3782036.7	298209.7
CG17	3782517.4	298150.6
CG18/PLM8	3782998.0	298091.4
CG18A	3783309.6	298053.1
CG19	3783478.3	298032.3
CM38	3783718.5	298002.8
CG20	3783958.6	297973.2
CM40	3784198.9	297943.7
CG21/PLM9	3784439.0	297914.1
CM42	3784679.2	297884.6
CG22	3784919.3	297855.0
CM44	3785159.5	297825.5
CG23	3785399.7	297796.0
CM46	3785639.9	297766.4
CG24/PLM10	3785880.0	297736.8
CM48	3786120.2	297707.3
CG25	3786360.4	297677.8
CG25A	3786682.0	297638.2
CG26	3786840.7	297618.7
CG27/PLM11	3787321.0	297559.5
CG28	3787801.1	297500.4
CG28A	3787940.8	297483.3
CG28B	3788106.4	297462.9
CG29	3788281.2	297441.4
CG30/PLM12	3788761.3	297382.3
CG31	3789241.5	297323.2
CG32	3789721.5	297264.2
CG33	3790201.6	297205.1

State Plane, NAD83, Louisiana South – 1702, NAVD 1988, U.S. Survey Feet

NOTE:
PI MARKERS WITH ELEVATIONS TO BE SET AND MAINTAINED DURING CONSTRUCTION BY CONTRACTOR.

NO.	TITLE
1	COVER SHEET
2	GENERAL NOTES
3	OFFSHORE INFRASTRUCTURE PLAN VIEW
4–5	PROJECT PLAN VIEWS
6	QUATRE BAYOU BORROW AREA BATHYMETRY
7	QUATRE BAYOU BORROW AREA ELEVATION OF SILT/CLAY–SAND INTERFACE CONTOUR MAP
8	QUATRE BAYOU BORROW AREA BOTTOM ELEVATION OF SAND CONTOUR MAP
9	QUATRE BAYOU BORROW AREA CROSS SECTIONS
10–24	CROSS SECTIONS
25–30	OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS
31	CROSS SECTION DETAILS
32	SAND FENCING & SIGN DETAILS
33	SETTLEMENT PLATE DETAIL





TETRA TECH, INC.

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C.O.A. FL #4028
C.O.A. LA #2531
www.CoastalPlanning.net

No.	Date	Description
1	3/26/04	ADDED PROFILE LINES

Designed by: GT
Drawn by: TR
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Contrn. No.: 726.100

Reference Files: BORDER/CHALAND.DWG

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

COVER SHEET

DRAWING NO. CS

H:\Leafiles\726100\CONSTRUCTION\CHALAND\CHALAND COVERSHEET

GENERAL NOTES:

1. THE PROJECT AREA IS USED AS A NESTING AREA BY PROTECTED BIRD SPECIES. AT A MINIMUM THE CONTRACTOR PATROL THE BEACH TWICE DAILY TO INDENTIFY ANY NESTING BIRDS FROM INITIATION OF THE PROJECT THROUGH SEPTEMBER 15, 2005. CONTRACTOR REQUIREMENTS REGARDING BIRD NESTING ARE PROVIDED IN SECTION 7 OF THE ENVIRONMENTAL PROTECTION PROVISIONS.

2. LOCATION OF INFRASTRUCTURE (WELLHEADS, PIPELINES, ETC.) ARE FOR INFORMATIONAL PURPOSES ONLY TO DEMONSTRATE COMPLEXITY OF AREA. CONTRACTOR SHALL CONFIRM LOCATIONS.

3. UPON COMPLETION OF THIS PROJECT, THE PRIMARY DIKES SHALL BE LEFT IN PLACE BY THE CONTRACTOR. THE CONTRACTOR SHALL EXERCISE CARE TO MAINTAIN THE PRIMARY DIKES AT THE DESIGN ELEVATIONS DURING THE PROJECT AND SHALL PREVENT ANY BREACHES OF THE DIKES FOR THE DURATION OF THIS PROJECT.

4. BEACH AND DUNE FILL SHALL NOT EXCEED A SILT CONTENT OF 15% WITH A MINIMUM MEAN GRAIN SIZE OF 0.09 mm AS MEASURED ON THE BEACH FOLLOWING PLACEMENT.

5. THE CONTRACTOR SHALL NOTE THAT BAYS, WATER BOTTOMS, CREEKS AND PONDS IN THE VICINITY OF THE PROJECT MAY INCLUDE NUMEROUS PUBLICLY-ISSUED AND PRIVATELY-ISSUED LEASES FOR THE CULTIVATION AND HARVEST OF COMMERCIAL FISHERY RESOURCES. THE LOCATION OF PUBLICLY-ISSUED OYSTER LEASES IN THE VICINITY OF THE PROJECT IS DEPICTED IN APPENDIX 2 OF THE ENVIRONMENTAL PROTECTION SPECIFICATIONS. THE CONTRACTOR SHALL CONDUCT ALL ASPECTS OF ITS OPERATIONS TO AVOID ANY AND ALL IMPACTS TO SUCH LEASES.

COASTAL PLANNING & ENGINEERING, INC.
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www.CoastalPlanning.net
C.O.A. FL #4028
C.O.A. LA #2531

No.	Date	Description
1	5/02/05	ADD NOTE #5

Reference Files: BORDER(CHALAND).DWG

Designed by: GT
Drawn by: RDO
Date: 5/24/06
Plot Scale: NONE

Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

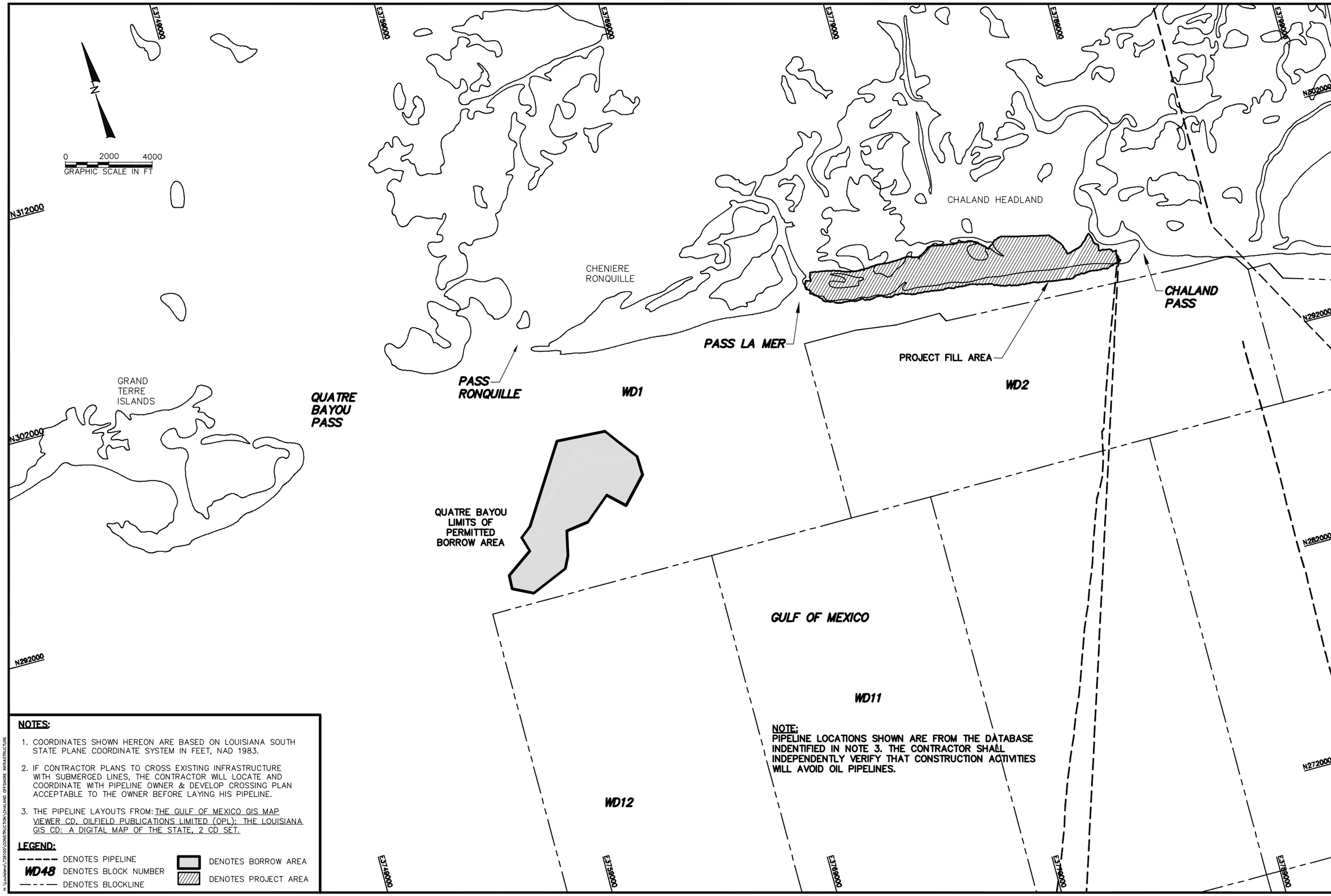
GENERAL NOTES

DRAWING NO.

GN

SHEET 2 OF 33

H:\Work\Grid\7261\00\CONSTRUCTION\CHALAND\CHALAND GEN NOTES.DWG



NOTE:
PIPELINE LOCATIONS SHOWN ARE FROM THE DATABASE INDENTIFIED IN NOTE 3. THE CONTRACTOR SHALL INDEPENDENTLY VERIFY THAT CONSTRUCTION ACTIVITIES WILL AVOID OIL PIPELINES.

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
3. THE PIPELINE LAYOUTS FROM: THE GULF OF MEXICO GIS MAP VIEWER CD, OILFIELD PUBLICATIONS LIMITED (OPL); THE LOUISIANA GIS CD: A DIGITAL MAP OF THE STATE, 2 CD SET.

LEGEND:

- DENOTES PIPELINE
- WD48 DENOTES BLOCK NUMBER
- DENOTES BLOCKLINE
- DENOTES BORROW AREA
- DENOTES PROJECT AREA

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FAX (225) 578-3975
C.O.A. FL #4028
C.O.A. LA. #2531
www.CoastalPlanning.net

No.	Date	Description

Designed by: CJ
Drawn by: TR
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CJ
Submitted by: CJ
Comm. No.: 7261.00

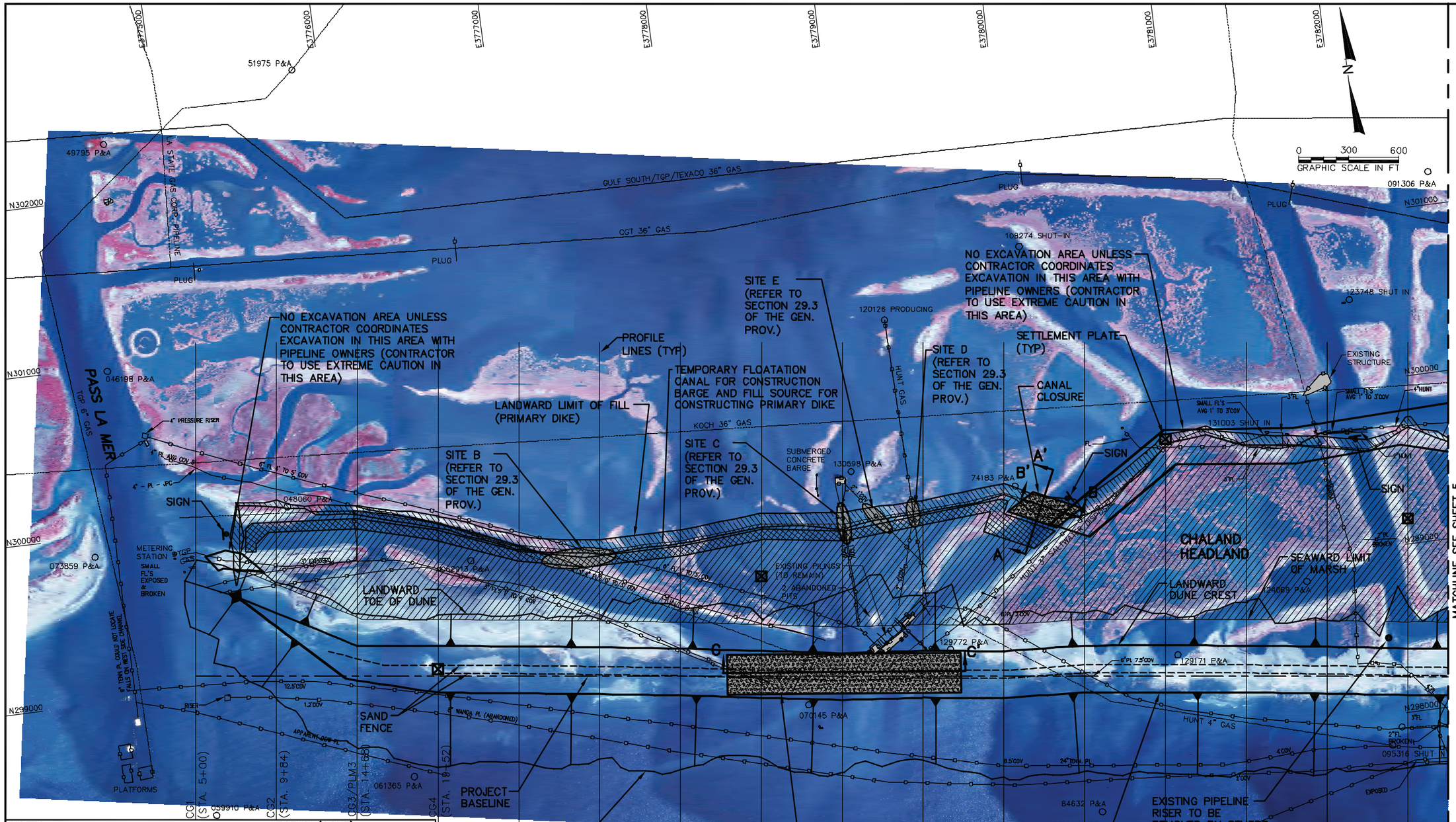
Reference Files: BORDER/CHALAND.dwg Bathy.DWG

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

OFFSHORE INFRASTRUCTURE PLAN VIEW

DRAWING NO.
LO-1
SHEET 3 OF 33

H:\Localdata\7261.00\CONSTRUCTION\CHALAND_OFFSHORE_INFRASTRUCTURE



NOTES:

1. PHOTOGRAPH TAKEN ON OCTOBER 14, 2005.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.

LEGEND:

- 070145 P&A WELL HEADS
- BREACH AND CANAL CLOSURE
- PROJECT BASELINE
- PIPELINE FIELD VERIFIED
- PIPELINE NOT FIELD VERIFIED

LEGEND (CONT):

- MARSH HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE
- SAND FENCING
- SIGN TO BE POSTED
- SETTLEMENT PLATE
- EXISTING INFRASTRUCTURE

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FAX (225) 578-3915
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C.O.A. FL #4028
C.O.A. LA. #2531

No.	Date	Description
1	5/4/06	PROJECT MODS & SITE LOCATIONS
2	4/3/06	UPDATED PROFILES WITH STATION NUMBERS
3	5/26/06	UPDATED FILL PLAN LAYOUT

Checked by: AB
Reviewed by: GT
Submitted by:
Comm. No: 7201.00
Designed by: GT
Drawn by: TR
Date: 5/24/06
Plot Scale: AS NOTED
Reference File: BORDER-CHALAND.DWG

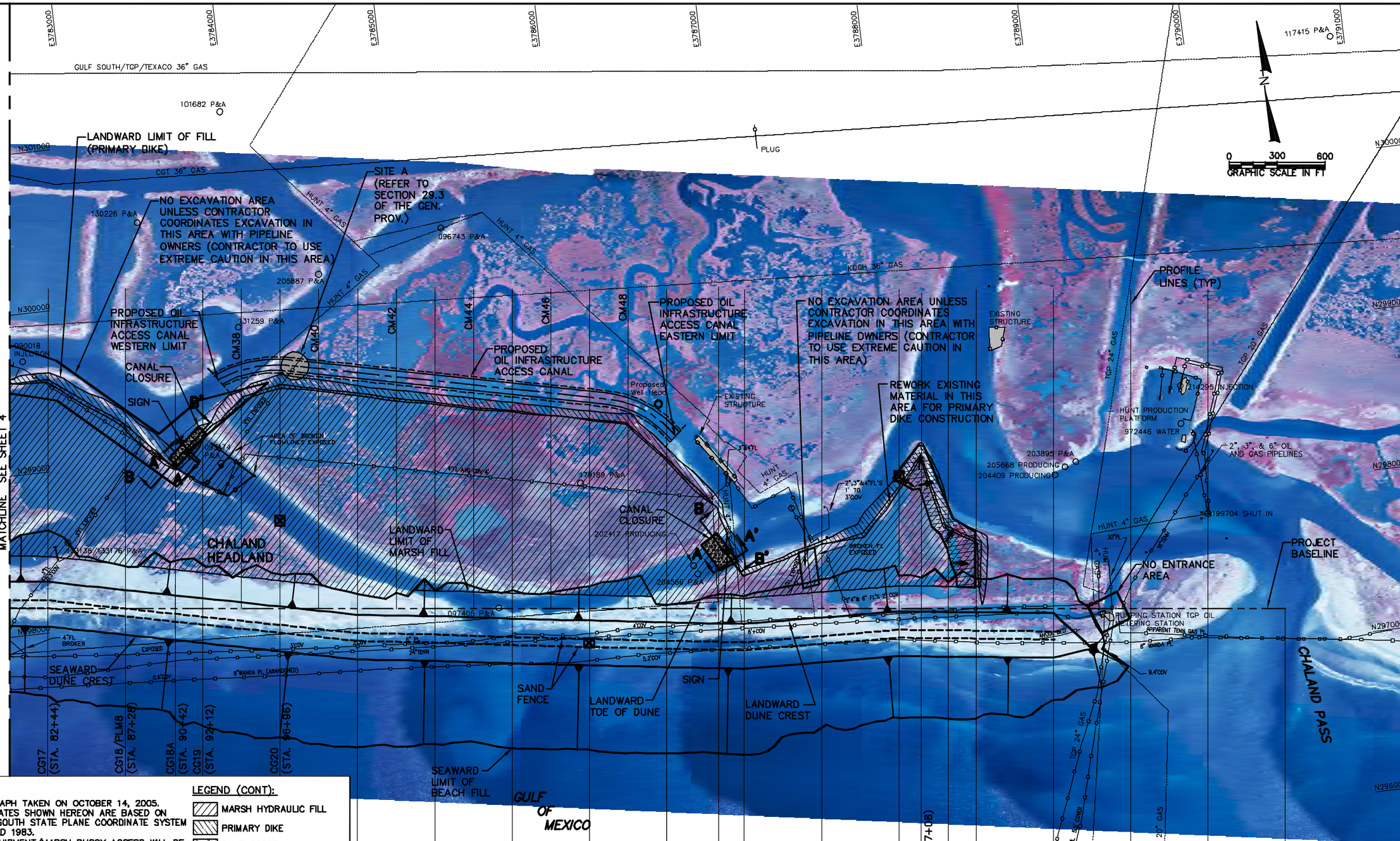
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

PLAN VIEW

DRAWING NO.

PV-1

SHEET 4 OF 33



MATCHLINE SEE SHEET 4

NOTES:

1. PHOTOGRAPH TAKEN ON OCTOBER 14, 2005.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.

LEGEND:

- ○070145 P&A WELL HEADS
- BREACH AND CANAL CLOSURE
- PROJECT BASELINE
- PIPELINE FIELD VERIFIED
- PIPELINE NOT FIELD VERIFIED

LEGEND (CONT):

- MARSH HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE
- SAND FENCING
- LAND REWORK AREA
- SIGN TO BE POSTED
- SETTLEMENT PLATE
- EXISTING INFRASTRUCTURE

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C.O.A. LA. #2531
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No.	Date	Description
1	5/4/05	PROFILE MODS & "SITE" LOCATIONS - GT
2	4/6/06	UPDATED PROFILES WITH STATION NUMBERS
3	5/26/06	UPDATED FILL PLAN LAYOUT

Reference Files: BOXSECHALAND.DWG

Designed by: GT | Checked by: AB
Drawn by: TR | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Pick Scale: AS NOTED | Contract No: 7261.00

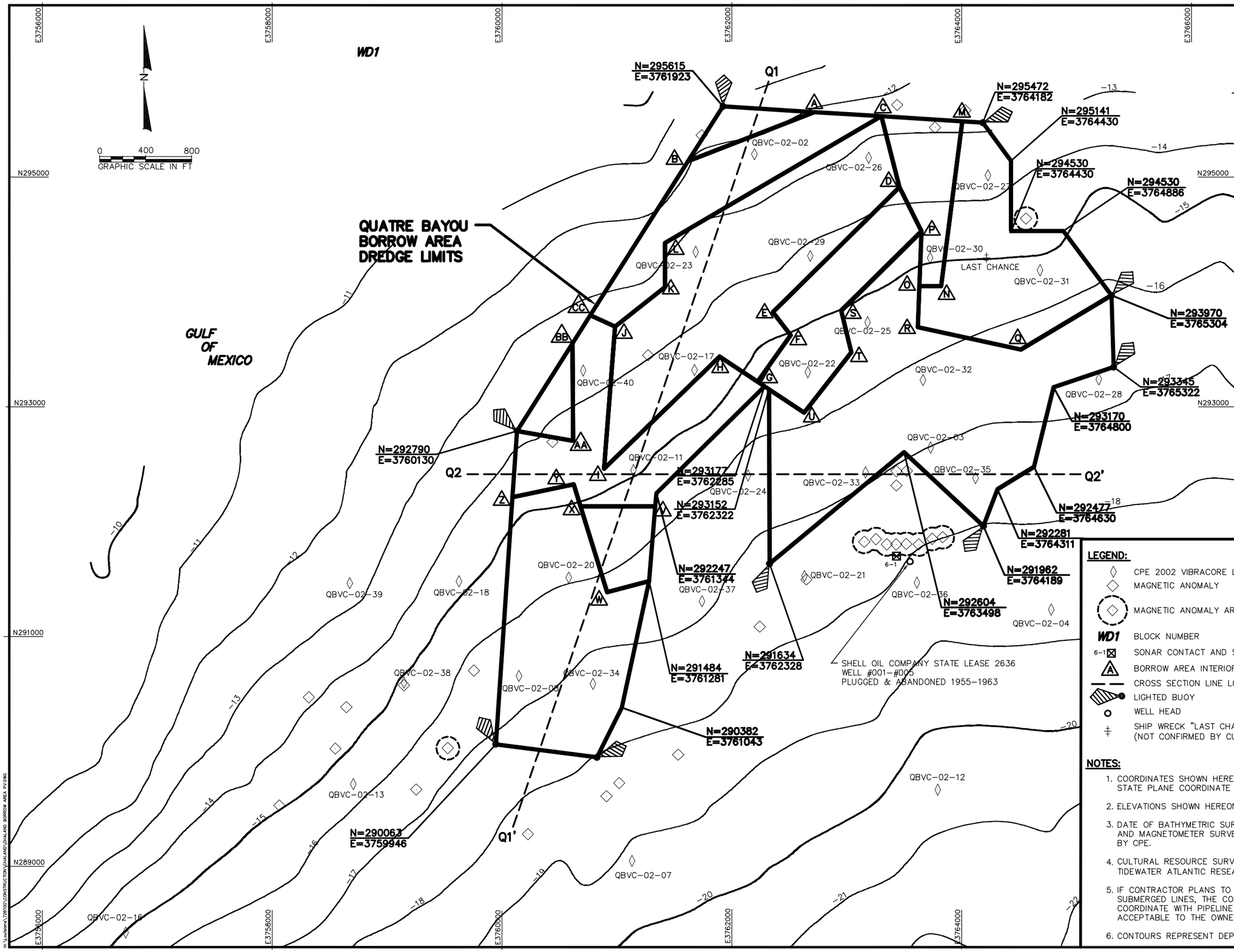
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

PLAN VIEW

DRAWING NO.

PV-2

SHEET 5 OF 33



BORROW AREA–INTERIOR COORDINATE TABLE

ID	X	Y
A	3762718	295565
B	3761620	295137
C	3763301	295528
D	3763457	294911
E	3762358	293824
F	3762512	293622
G	3762225	293217
H	3761893	293435
I	3760889	292460
J	3760984	293699
K	3761418	294042
L	3761419	294427
M	3764004	295484
N	3763821	294050
O	3763632	294051
P	3763650	294526
Q	3764514	293499
R	3763619	293693
S	3762951	293835
T	3763041	293475
U	3762629	292950
V	3761335	292132
W	3760915	291386
X	3760684	292132
Y	3760624	292324
Z	3760091	292212
AA	3760619	292703
BB	3760614	293552
CC	3760770	293797

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- 6–1 SONAR CONTACT AND SITE REFERENCE NUMBER
- A BORROW AREA INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: AUGUST 6–15TH, 2003 CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23–25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
6. CONTOURS REPRESENT DEPTH OF WATER.

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C.O.A. LA. #2531

No.	Date	Description

Designed by: CJ
Checked by: AB
Drawn by: AMB
Reviewed by: CJ
Date: 5/24/06
Submitted by: CJ
Plot Scale: AS NOTED
Comm. No.: 7281.00

Reference Files: BORDER/CHALAND.DWG Base.DWG BATHYMETRIC.dwg BORROW AREA sandgpoint_p.dwg

CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT

QUATRE BAYOU BORROW AREA
BATHYMETRY

DRAWING NO.
BA–1

SHEET 6 OF 33

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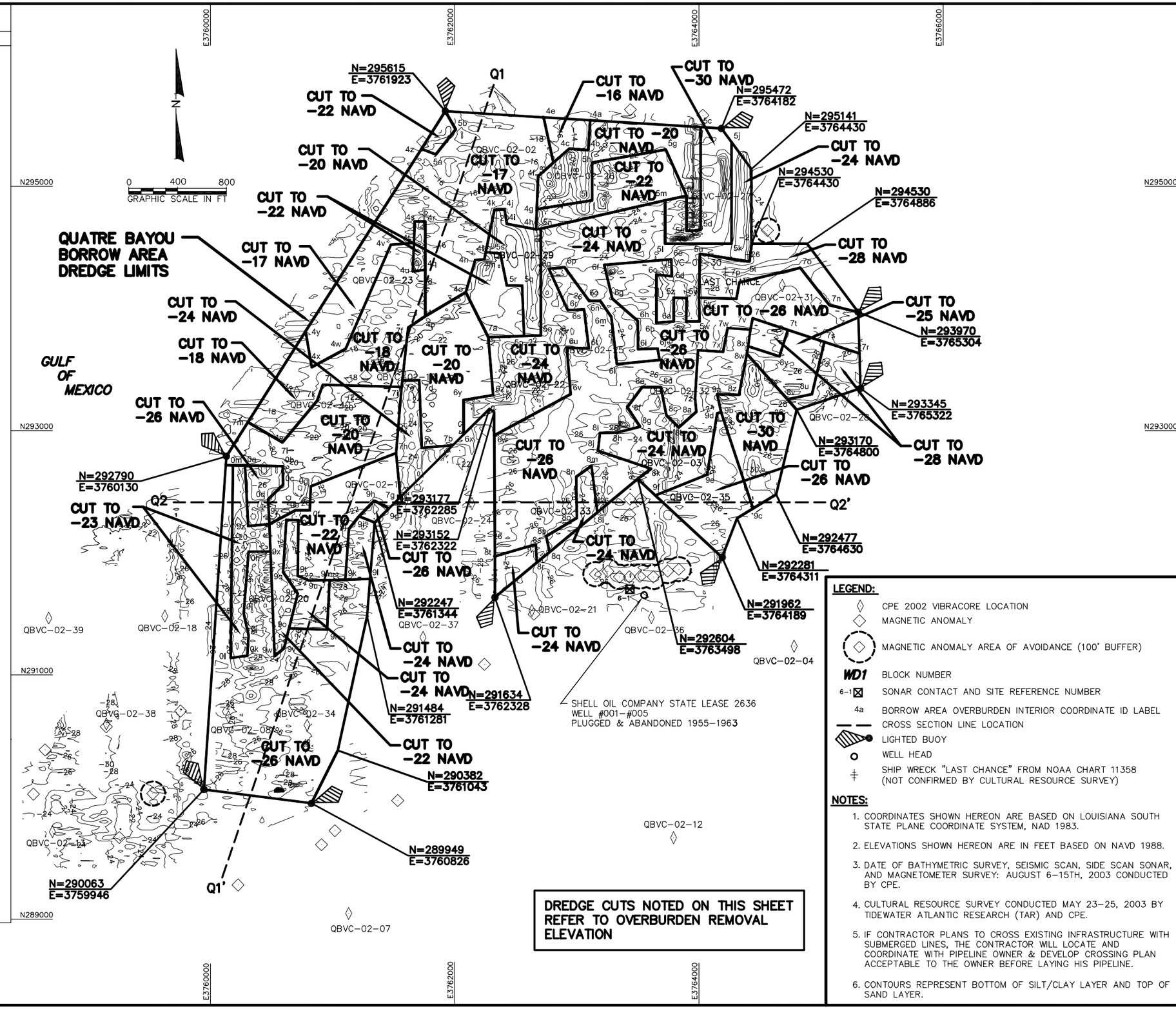
BORROW AREA–INTERIOR COORDINATE TABLE

ID	X	Y	ID	X	Y
4a	3763110	295540	7h	3761520	292816
4b	3763094	295295	7i	3761566	293357
4c	3762939	295307	7j	3760920	293374
4d	3762809	295192	7k	3760872	293242
4e	3762729	295564	7l	3760591	292904
4f	3762682	295080	7m	3760308	293070
4g	3762672	294813	7n	3765069	294027
4h	3762666	294646	7o	3764829	294331
4i	3762426	294693	7p	3764331	294212
4j	3762408	294809	7q	3764307	294078
4k	3762325	294808	7r	3765314	293630
4l	3762253	294459	7s	3765026	293725
4m	3762241	294402	7t	3764726	293824
4n	3762168	294395	7u	3764440	293919
4o	3762090	294133	7v	3764422	293827
4p	3761757	293935	7w	3764233	293839
4q	3761757	294316	7x	3764197	293645
4r	3761757	294711	7y	3763992	293658
4s	3761672	294710	7z	3763967	293267
4t	3761666	294536	8a	3763977	293154
4u	3761655	294302	8b	3763833	293027
4v	3761476	294522	8c	3763733	293126
4w	3761107	293669	8d	3763688	293355
4x	3760831	293519	8e	3763534	293353
4y	3760778	293811	8f	3763413	293191
4z	3761727	295306	8g	3763516	293031
5a	3761845	295260	8h	3763329	292983
5b	3762007	295466	8i	3763188	292981
5c	3764013	295483	8j	3763172	292834
5d	3764014	294641	8k	3763607	292688
5e	3763898	294633	8l	3763168	292331
5f	3763898	294922	8m	3763119	292712
5g	3763727	295300	8n	3762995	292621
5h	3763125	295193	8o	3763000	292285
5i	3763120	294888	8p	3762749	292135
5j	3764265	295361	8q	3762776	292005
5k	3764265	294529	8r	3762672	291919
5l	3763723	294529	8s	3762663	292070
5m	3763723	294883	8t	3762327	291972
5n	3762703	294652	8u	3764923	293298
5o	3762703	293779	8v	3764725	293257
5p	3762567	293775	8w	3764392	293629
5q	3762551	294186	8x	3764402	293689
5r	3762427	294187	8y	3764658	293606
5s	3762373	294448	8z	3764327	293293
5t	3764412	294383	9a	3764148	293299
5u	3764008	294447	9b	3764182	293151
5v	3763999	294088	9c	3764443	292362
5w	3764004	293894	9d	3764149	293141
5x	3763895	293894	9e	3764066	292638
5y	3763898	294085	9f	3763642	292470
5z	3763790	294087	9g	3761462	292363
6a	3763792	293891	9h	3761359	292421
6b	3763651	293881	9i	3761216	292298
6c	3763649	294275	9j	3761134	292195
6d	3763777	294263	9k	3761105	291779
6e	3763772	294400	9l	3761306	291786
6f	3763223	294355	9m	3760976	291776
6g	3763290	294079	9n	3760955	291371
6h	3763498	293896	9o	3760644	291381
6i	3763500	293665	9p	3760715	291663
6j	3763661	293670	9q	3760595	291844
6k	3763677	293579	9r	3760622	292269
6l	3763327	293543	9s	3760720	292267
6m	3763282	293930	9t	3760715	291811
6n	3763191	294060	9u	3760804	291773
6o	3763102	294059	9v	3760603	291218
6p	3762899	294338	9w	3760526	291154
6q	3762771	294324	9x	3760491	292010
6r	3762924	293986	9y	3760482	292233
6s	3763058	293990	9z	3760309	292218
6t	3763098	293670	0a	3760282	292713
6u	3762916	293678	0b	3760592	292708
6v	3762948	293298	0c	3760594	292556
6w	3762324	292958	0d	3760472	292438
6x	3762072	292967	0e	3760693	292347
6y	3762072	293251	0f	3760814	292347
6z	3762315	293290	0g	3760821	292544
7a	3762275	293765	0h	3760312	292008
7b	3761984	292880	0i	3760272	291505
7c	3761731	292858	0j	3760313	291322
7d	3761710	293412	0k	3760302	291158
7e	3761571	293408	0l	3760165	291138
7f	3761620	293842	0m	3760184	292715
7g	3761555	292456			



DREDGE CUTS NOTED ON THIS SHEET REFER TO OVERBURDEN REMOVAL ELEVATION

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 — BLOCK NUMBER
- 6–1 — SONAR CONTACT AND SITE REFERENCE NUMBER
- 4a — BORROW AREA OVERBURDEN INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: AUGUST 6–15TH, 2003 CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23–25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
6. CONTOURS REPRESENT BOTTOM OF SILT/CLAY LAYER AND TOP OF SAND LAYER.

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C.O.A. LA. #2531
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No.	Date	Description
1	4/7/04	MAX DREDGE CUTS REPLACED WITH WD1
2	6/9/05	REMOVAL DREDGE CUTS REVISED –38 CUT DEPTH TO –36 CUT DEPTH

Designed by: CJ
Drawn by: XXX
Date: 5/24/06
Checked by: MJ
Reviewed by: GT
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7281.00

Reference Files: BORROW AREA.DWG, BORROW AREA INTERIOR.DWG, Base.DWG, BATHYMETRIC.dwg, Bathymetry.dwg, sandpoint_p.dwg

CHALAND HEADLAND RESTORATION (BA–38–2)
CWPPRA PROJECT
QUATRE BAYOU BORROW AREA
ELEVATION OF SILT/CLAY – SAND INTERFACE CONTOUR MAP

DRAWING NO.
BA–2

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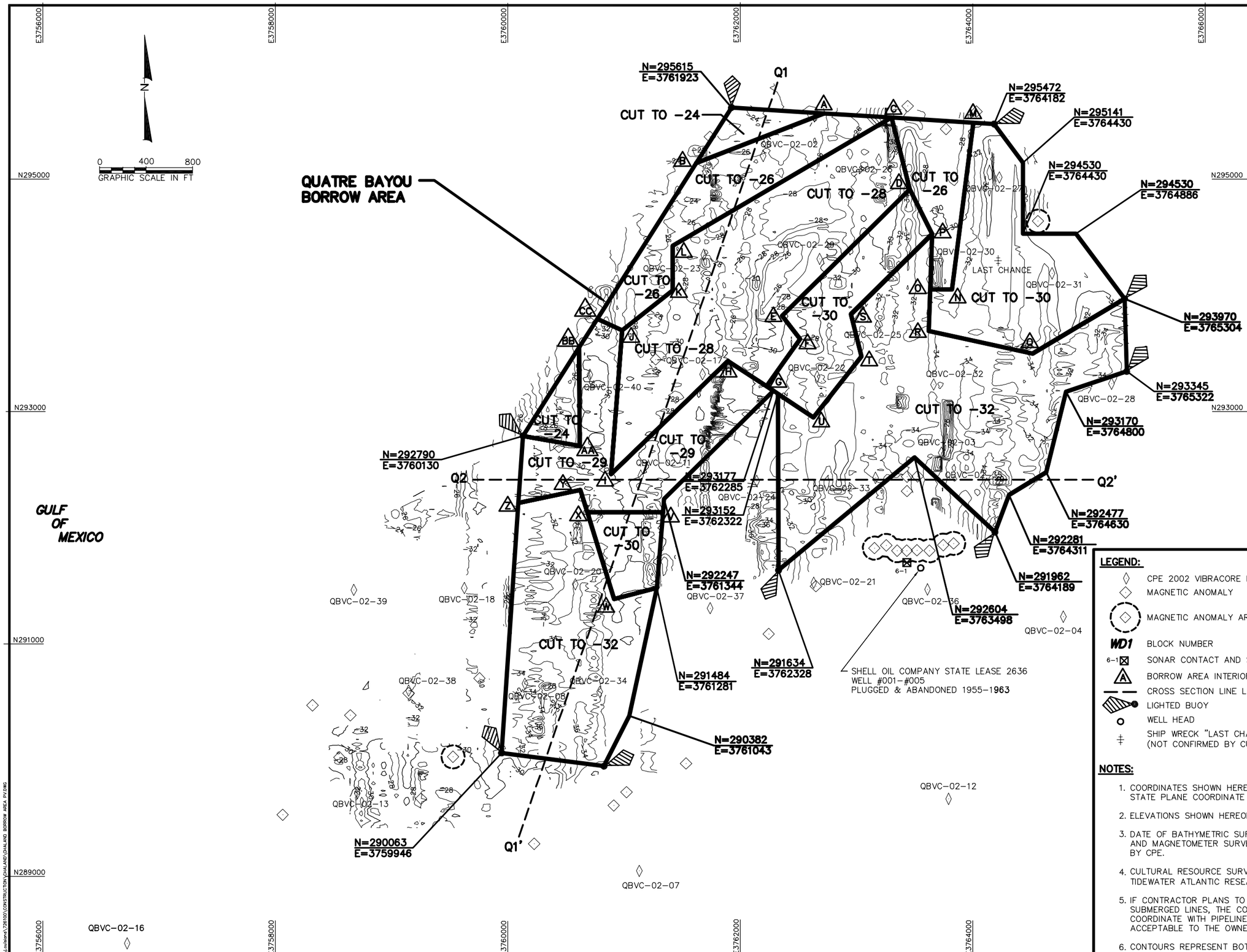

BORROW AREA-INTERIOR COORDINATE TABLE

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I	3760889	292460
J	3760984	293699
K	3761418	294042
L	3761419	294427
M	3764004	295484
N	3763821	294050
O	3763632	294051
P	3763650	294526
Q	3764514	293499
R	3763619	293693
S	3762951	293835
T	3763041	293475
U	3762629	292950
V	3761335	292132
W	3760915	291386
X	3760684	292132
Y	3760624	292324
Z	3760091	292212
AA	3760619	292703
BB	3760614	293552
CC	3760770	293797

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- 6-1 SONAR CONTACT AND SITE REFERENCE NUMBER
- BORROW AREA INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: AUGUST 6-15TH, 2003 CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23-25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
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6. CONTOURS REPRESENT BOTTOM OF SAND.

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C.O.A. FL. #4028
C.O.A. LA. #2531
www.CoastalPlanning.net

No.	Date	Description

Designed by: GT | Checked by: AEB
Drawn by: AXX | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No.: 7201.00

Reference Files: Base.DWG, BORROW AREA.DWG, BORDER-CHALAND.DWG, BATHYMETRIC.dwg, sonarpoints.dwg, sonarpoint_p.dwg

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

QUATRE BAYOU BORROW AREA BOTTOM ELEVATION OF SAND CONTOUR MAP

DRAWING NO.

BA-3

SHEET 8 OF 33

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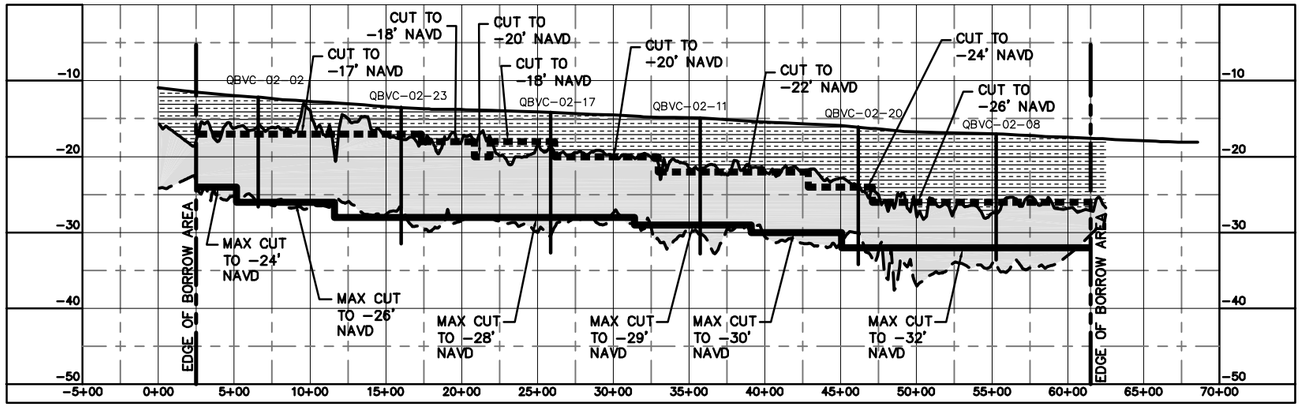
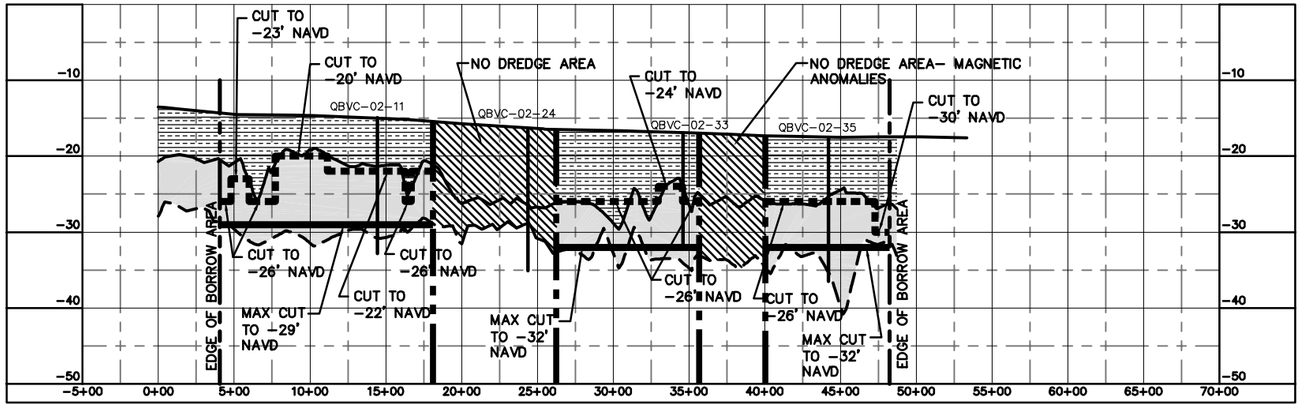
QUATRE BAYOU BORROW AREA
CROSS SECTION Q1–1'



QUATRE BAYOU BORROW AREA
CROSS SECTION Q2–2'



NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE.
2. VERTICAL THICKNESS OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE SHEETS 6–8 FOR LOCATION OF CROSS SECTION LINES
4. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.

LEGEND:

- BEACH COMPATIBLE SEDIMENTS
- SURFACE SILT/CLAY LAYER
- INTERMITTENT ACCOUSTIC REFLECTOR WITHIN SAND DEPOSIT
- OVERBURDEN REMOVAL DREDGE CUTS
- SAND REMOVAL DREDGE CUTS

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No.	Date	Description
1	4/8/04	ADD MUD REMOVAL DREDGE CUTS
2	6/23/05	CORRECTED DEPTH CUT IN CROSS SECTION Q1–1'

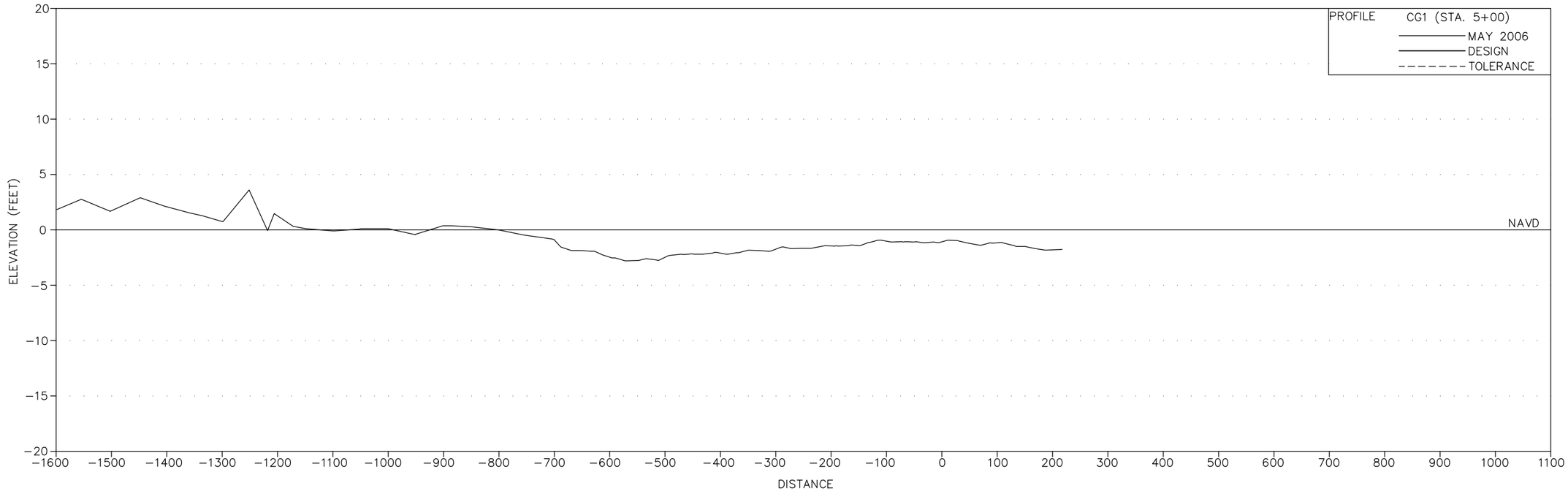
Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: G
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7281.00
Reference Files: BORROWCHALAND.DWG

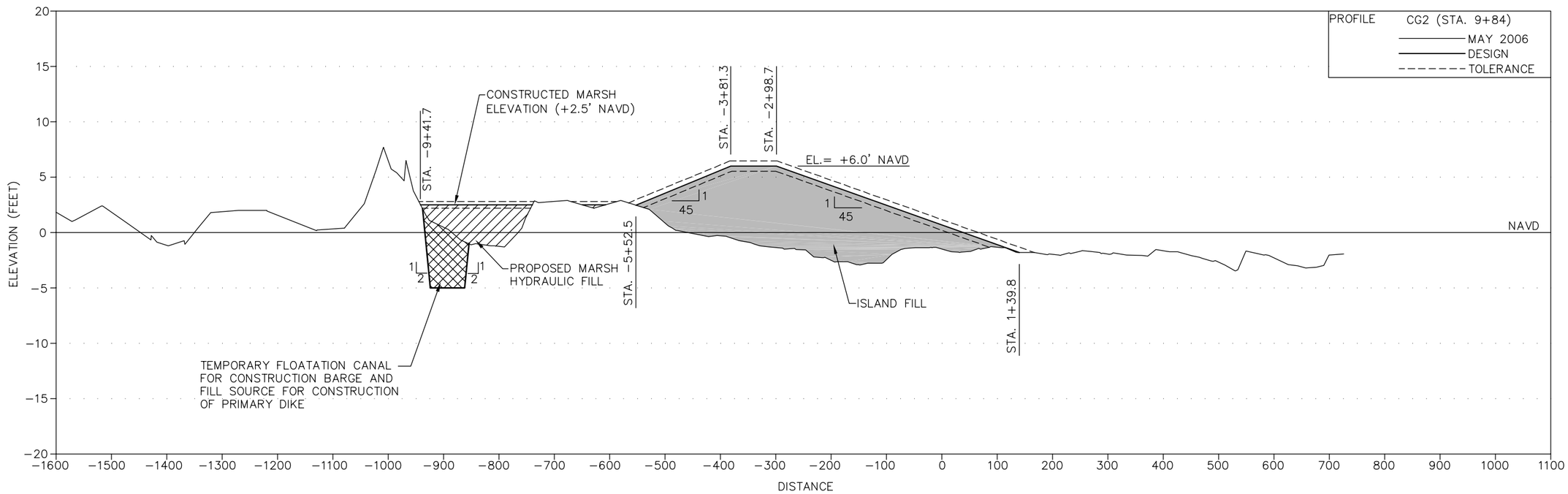
CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT

QUATRE BAYOU BORROW AREA
CROSS SECTIONS

DRAWING NO.
BA–4

H:\Louisiana\7281001\CONSTRUCTION\CHALAND\CHALAND BORROW AREA Cross Sections.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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C.O.A. FL. #4028
C.O.A. LA. #2531
www.CoastalPlanning.net

No.	Date	Description
1	5/23/06	ADED JANUARY 2005

Designed by: CT
Drawn by: RDO
Date: 5/24/06
Checked by: AJ
Reviewed by: CT
Submitted by: CT
Plot Scale: AS NOTED
Comm. No.: 7281.00

Reference Files: BORDERCHALAND.DWG

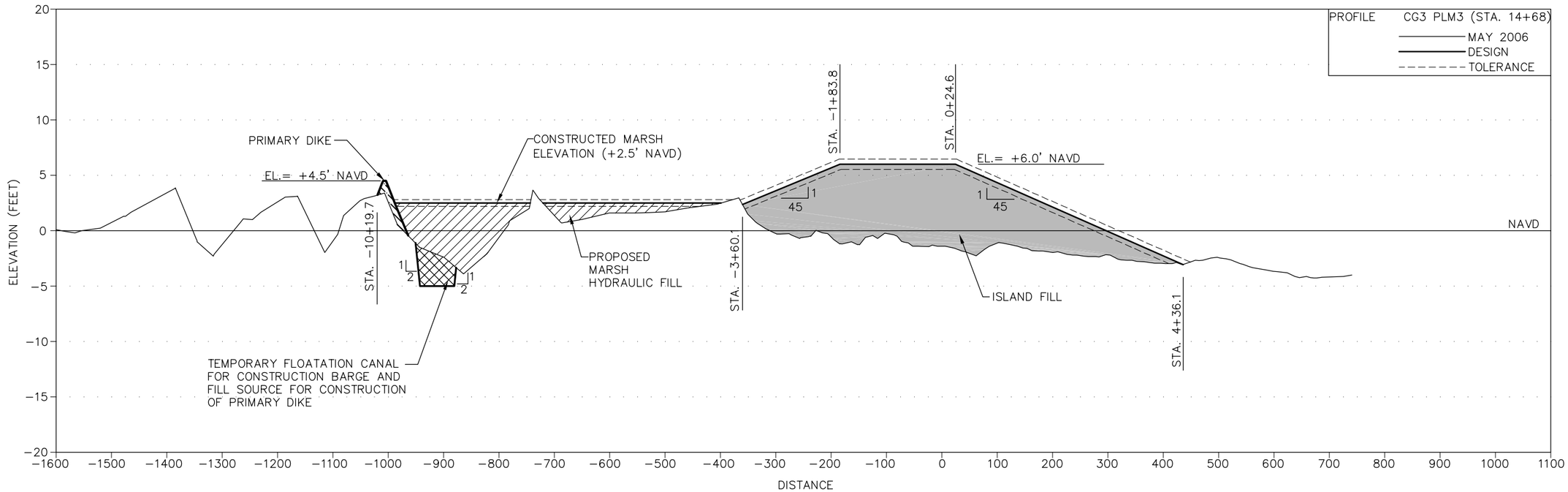
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

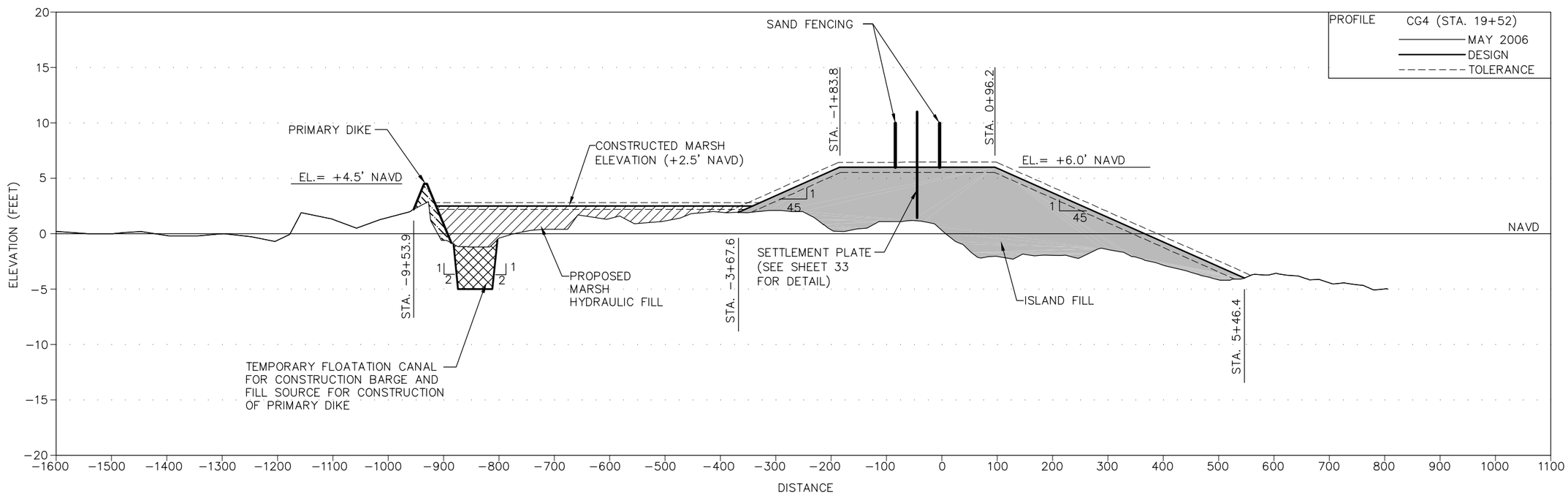
CROSS SECTIONS

DRAWING NO.
XS-1

SHEET 10 OF 33

H:\Julianna\7281.00\CONSTRUCTION\CHALAND\CHALAND X-SECTIONS.DWG





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C.O.A. LA. #2531

No.	Date	Description

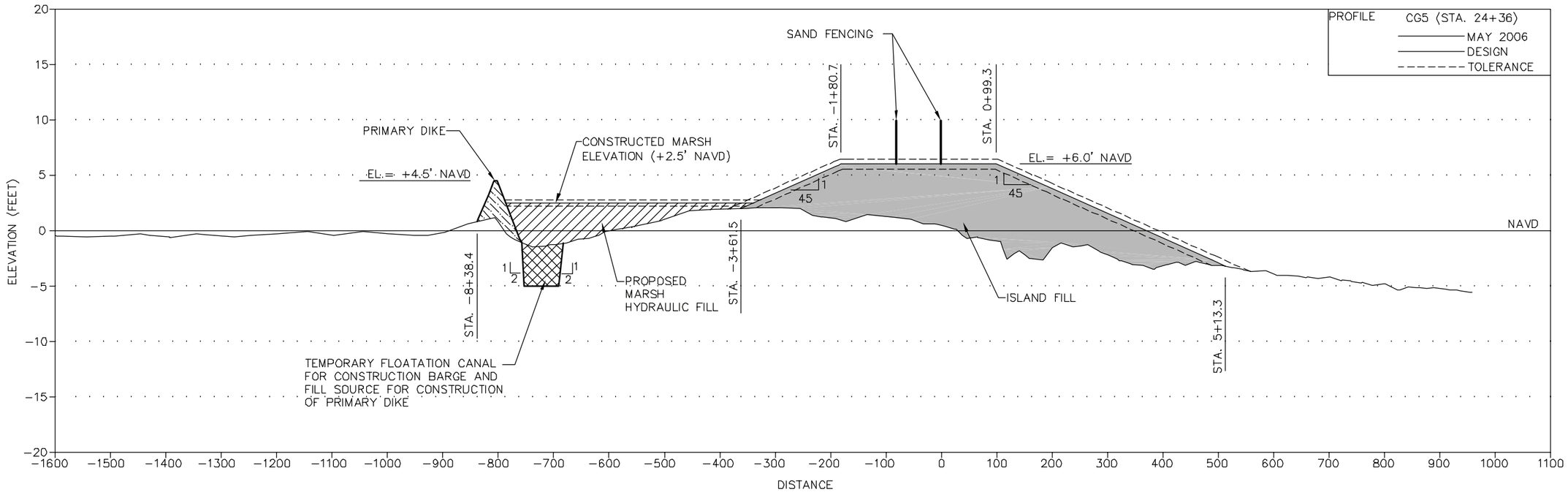
Designed by: GT
Checked by: AS
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No: 7201.00
Reference Files: BYRDEP\CHALAND.DWG

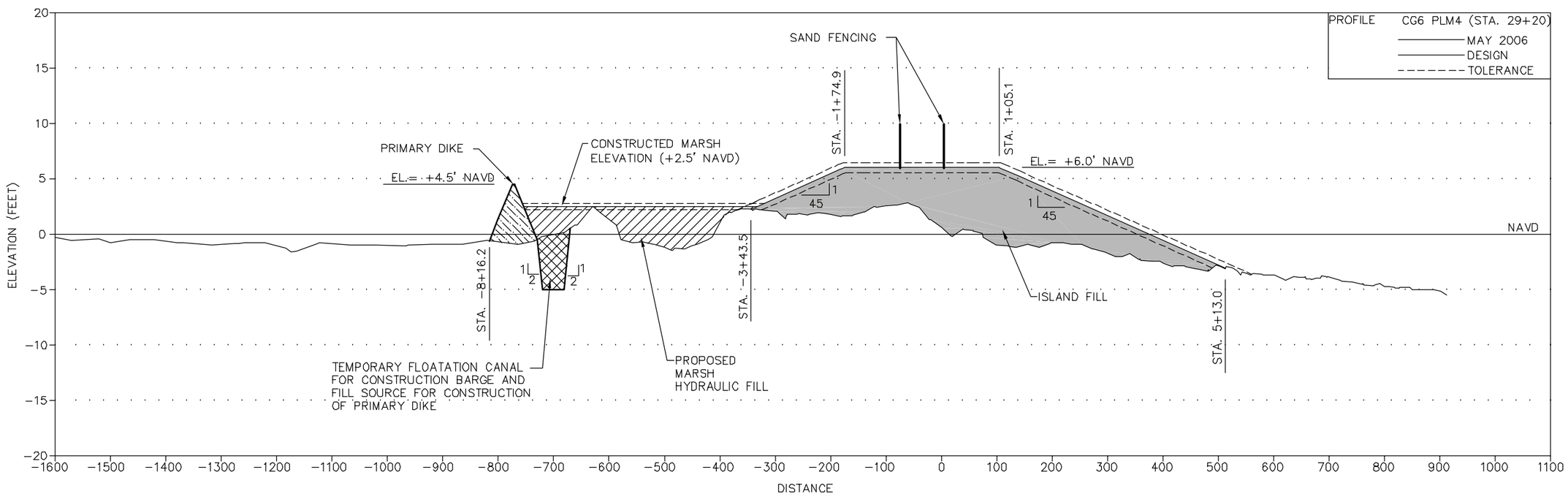
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-2





NOTES:
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C.O.A. LA #2531

No.	Date	Description

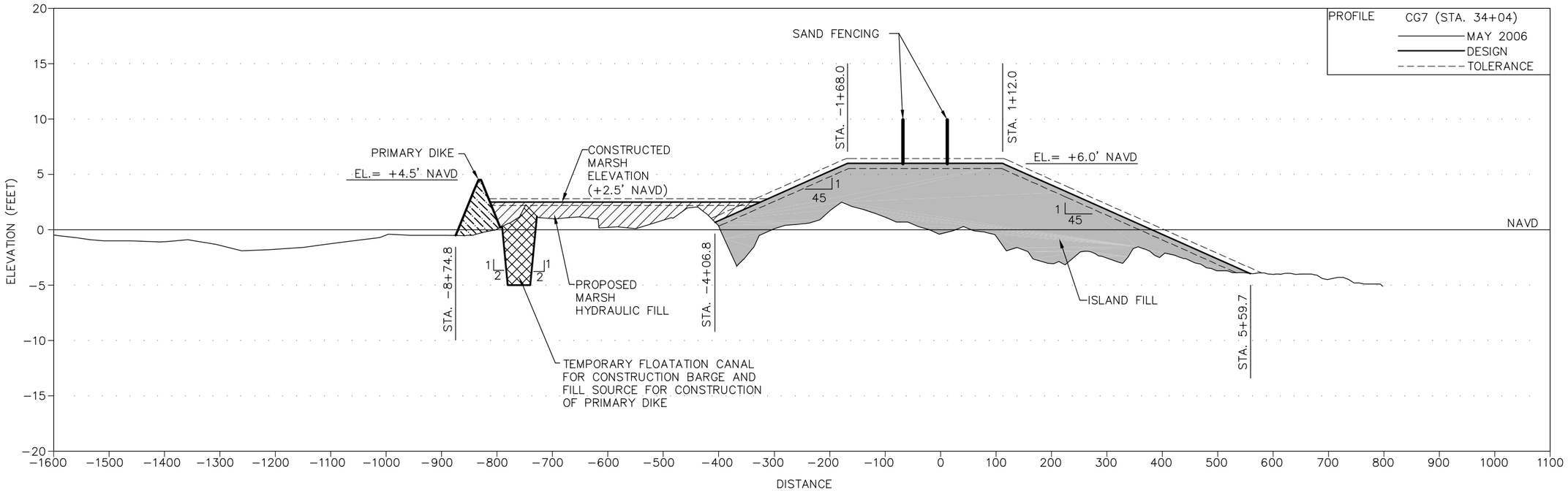
Checked by: AB
Reviewed by: GT
Submitted by: GT
Contr. No: 726.100
Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Reference Files: (XCSECTION-CHALAND.DWG)

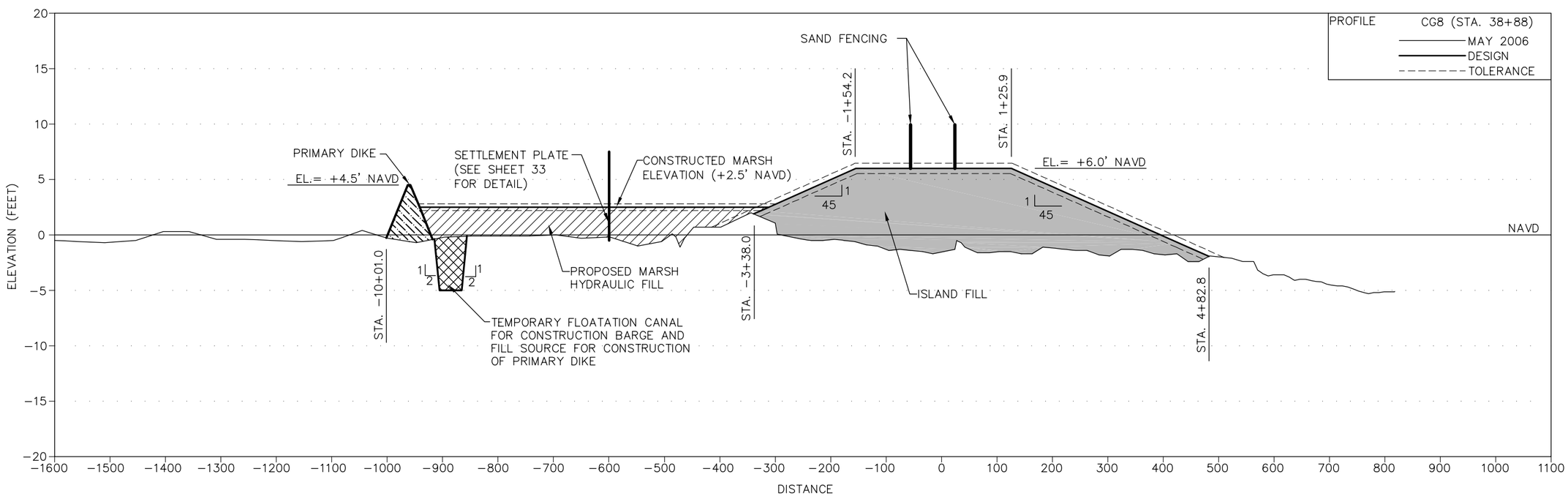
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-3





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No.	Date	Description

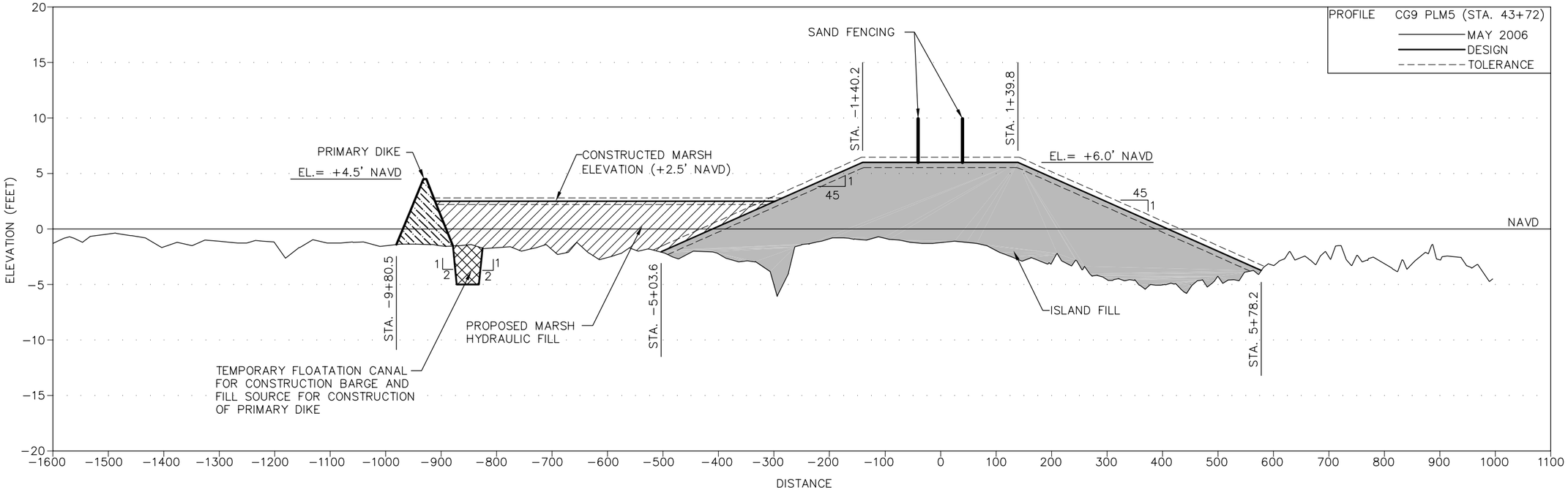
Designed by: GT | Checked by: AB
Drawn by: TW | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No.: 7281.00
Reference Files: BPERSPECHALAND.DWG

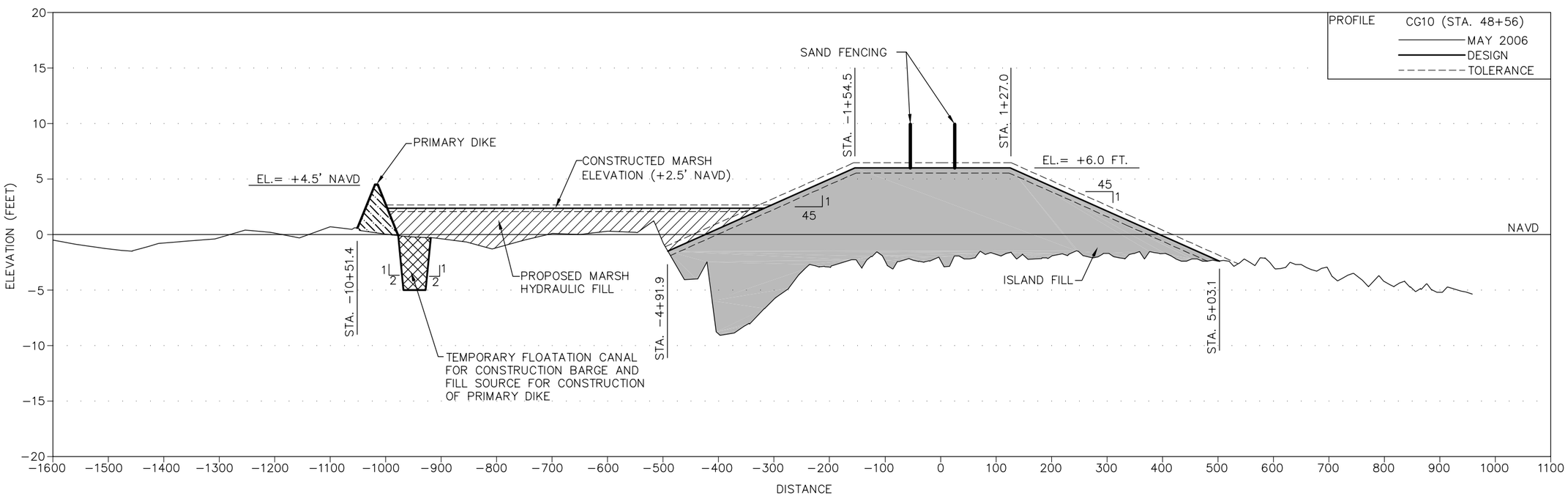
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-4

H:\Louisiana\7281100\CONSTRUCTION\CHALAND\CHALAND X-SECTIONS.DWG





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No.	Date	Description

Designed by: CJ | Checked by: AB
Drawn by: TW | Reviewed by: CJ
Date: 5/24/06 | Submitted by: CJ
Plot Scale: AS NOTED | Comm. No.: 7281.00
Reference Files: BPERSERCHALAND.DWG

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-5

SHEET 14 OF 33

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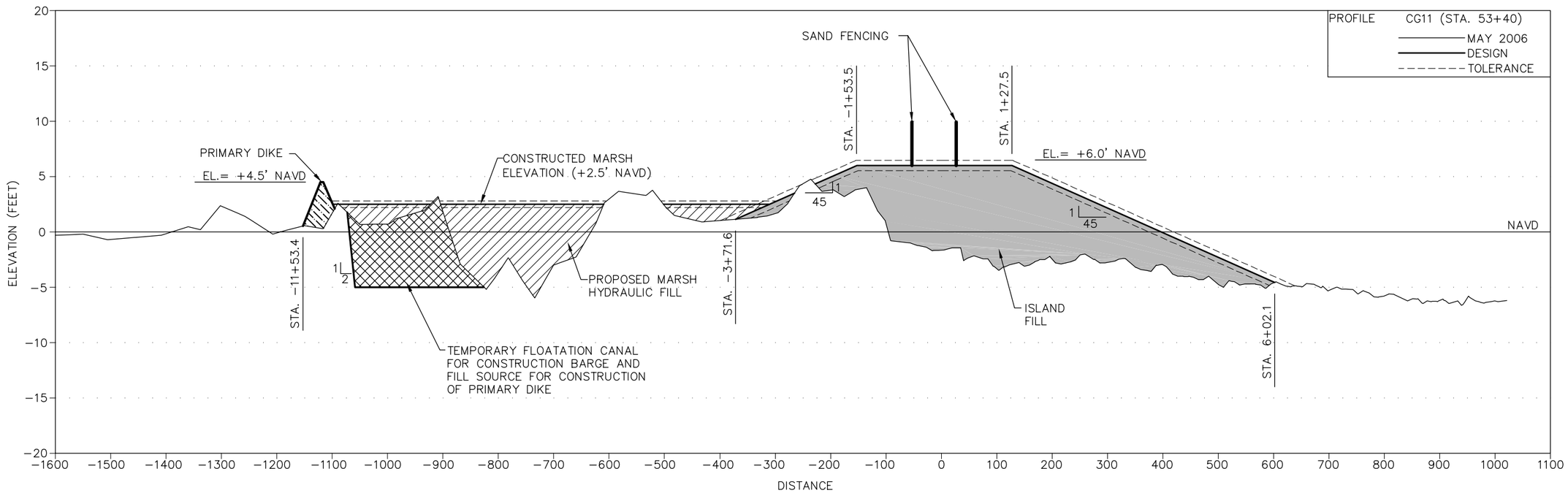

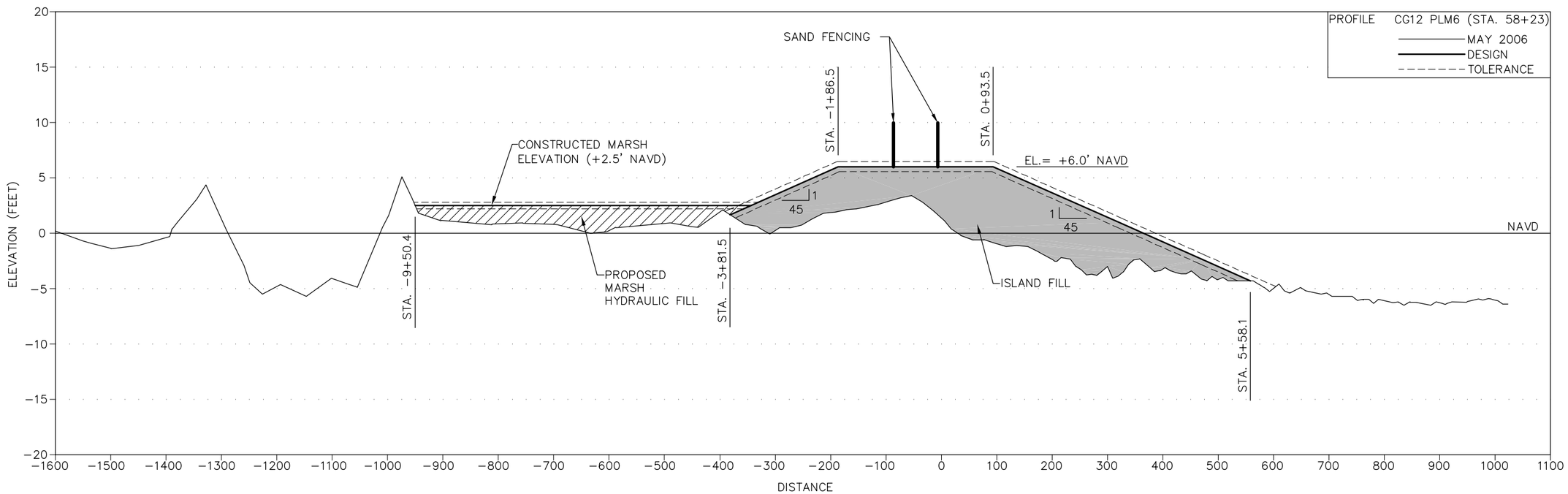

NOTES:
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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7201.00

Reference Files: BORDERSHALAND.DWG

CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-6

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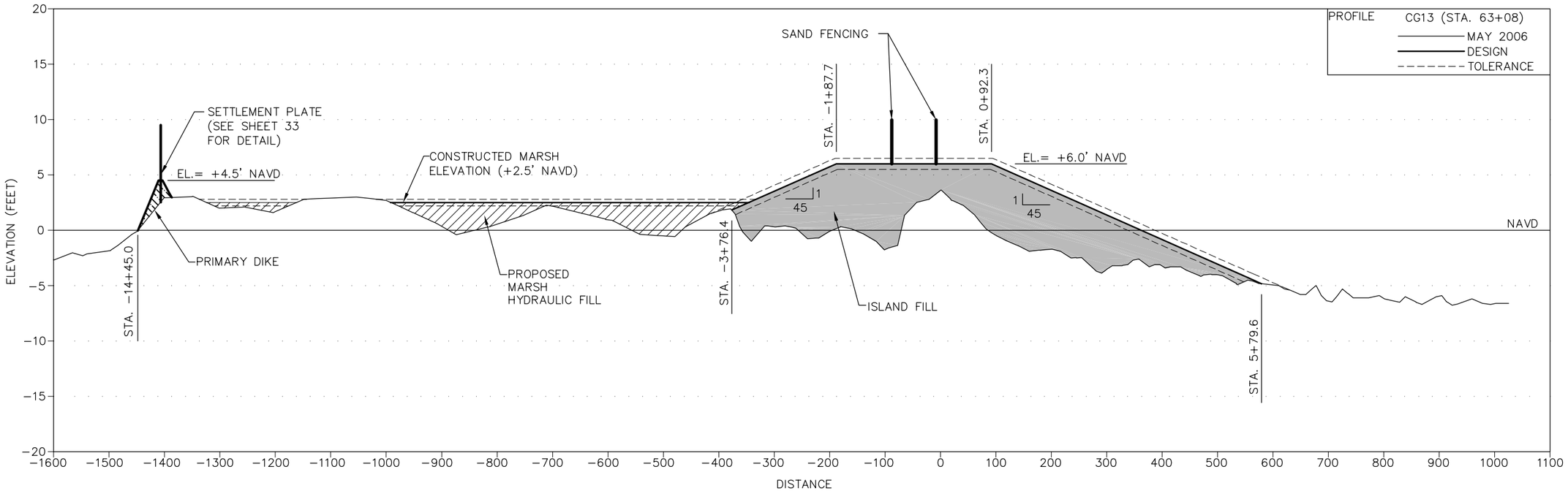

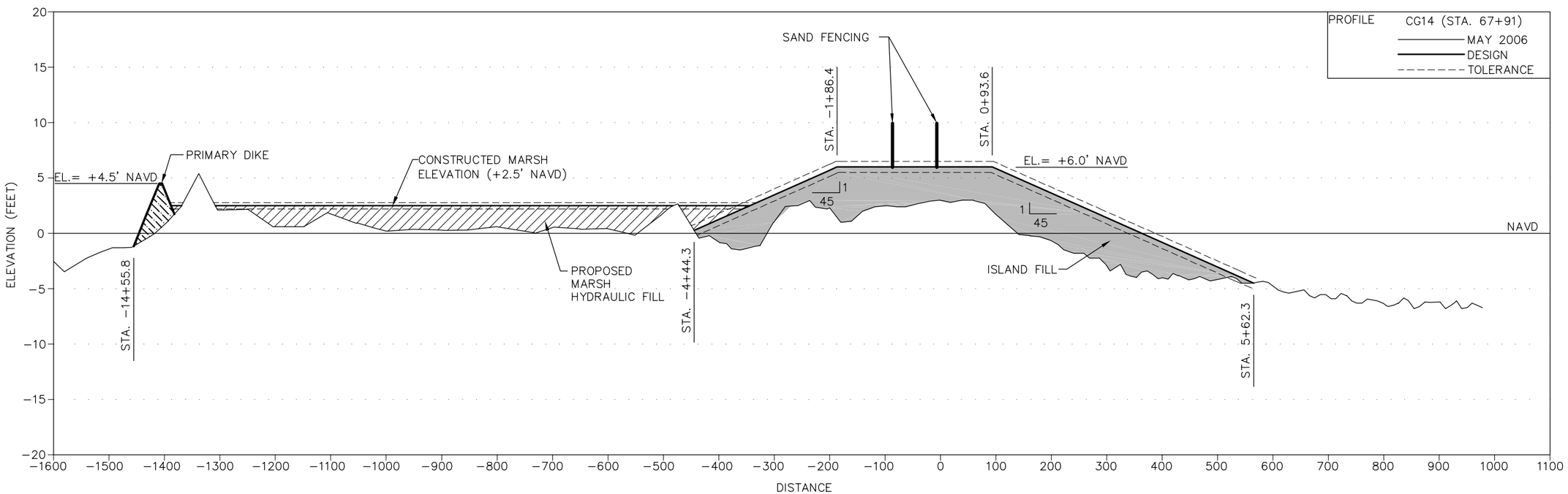

NOTES:
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No.	Date	Description

Designed by: GT | Checked by: AB
Drawn by: TW | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No.: 7291.00
Reference Files: BORDER(HALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-7

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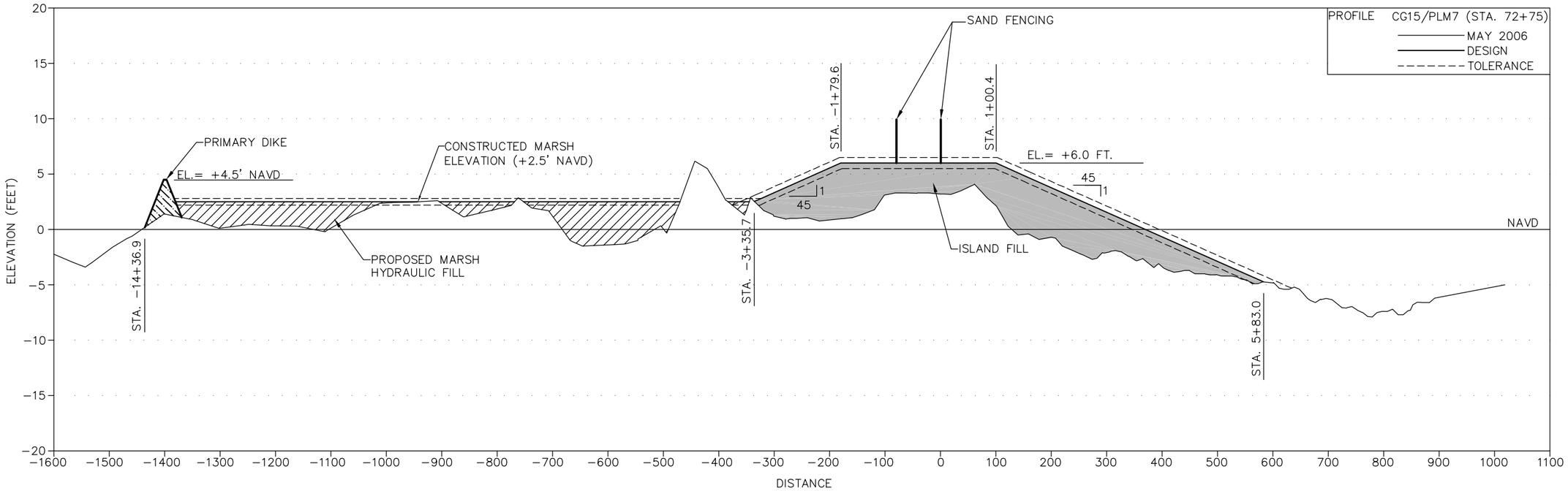

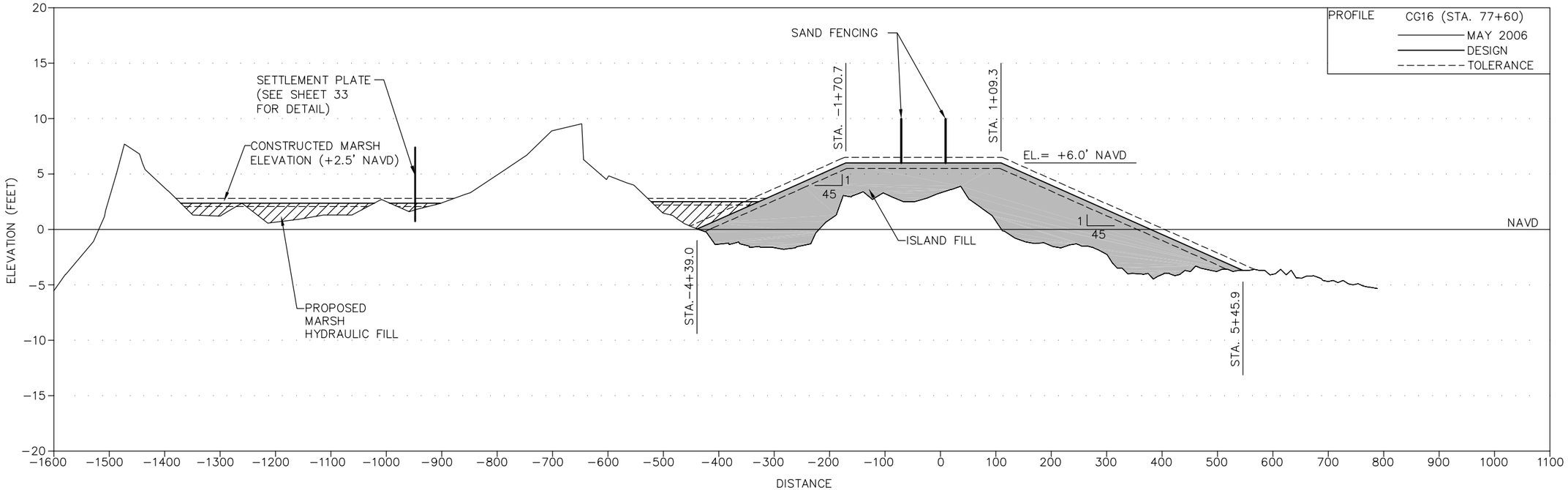

NOTES:
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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7291.00

Reference Files: EXISTING/HALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-8

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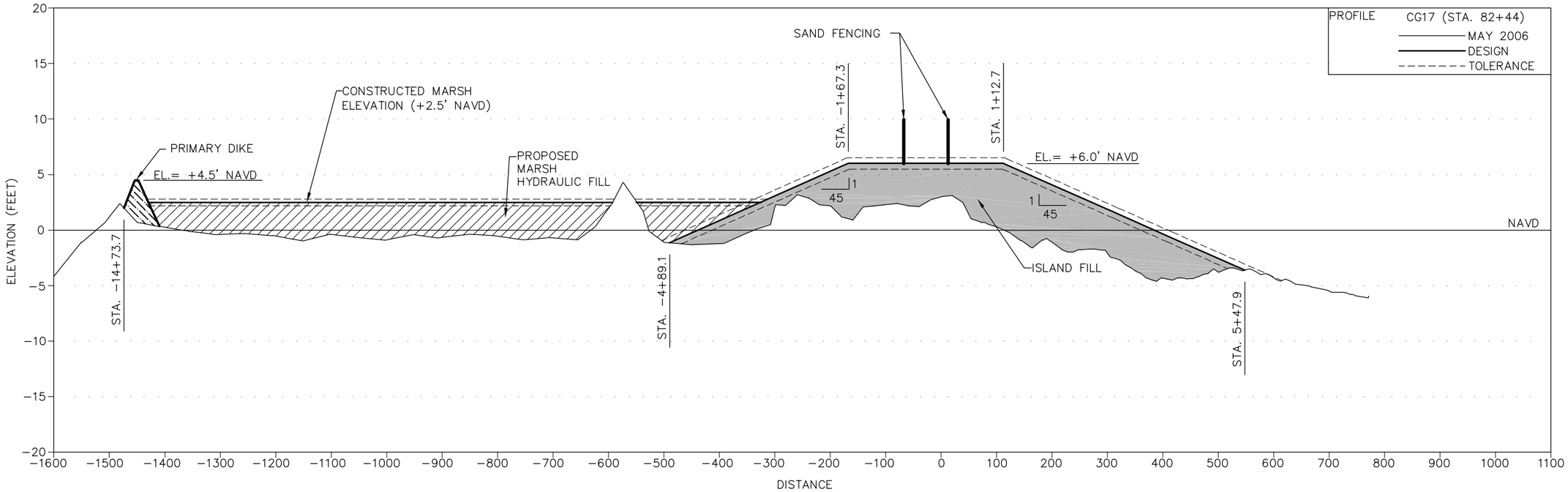

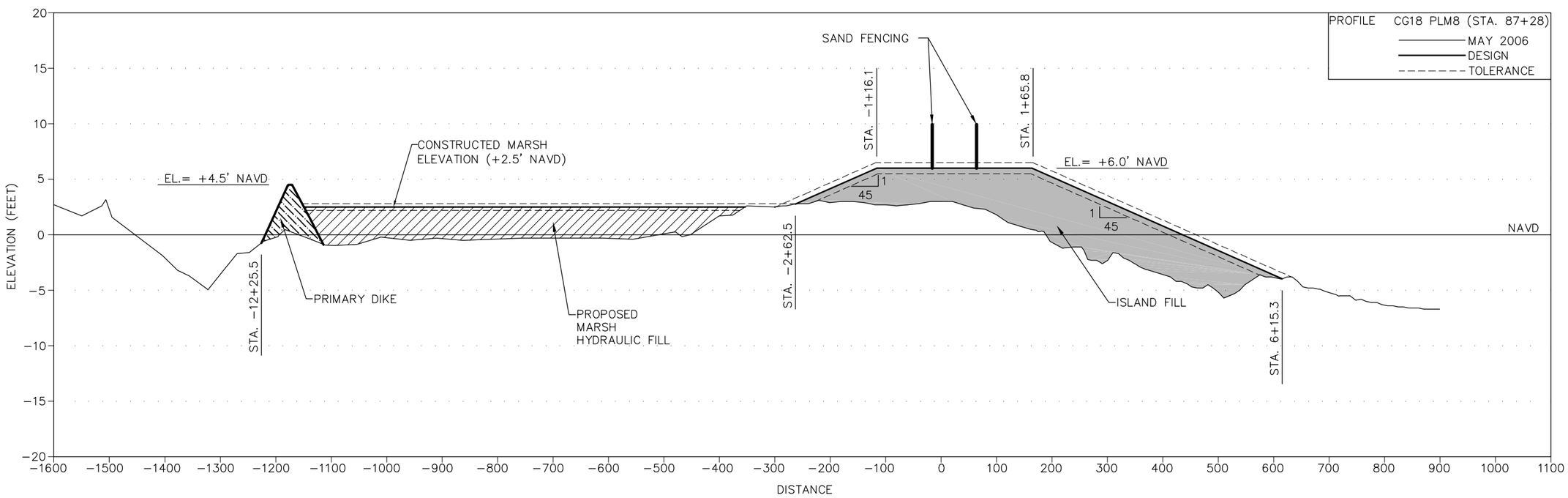

NOTES:
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COASTAL PLANNING & ENGINEERING, INC.
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C.O.A. LA #2531
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No.	Date	Description

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AJ
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00

Reference Files: BKREFERENCALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-9

SHEET 18 OF 33

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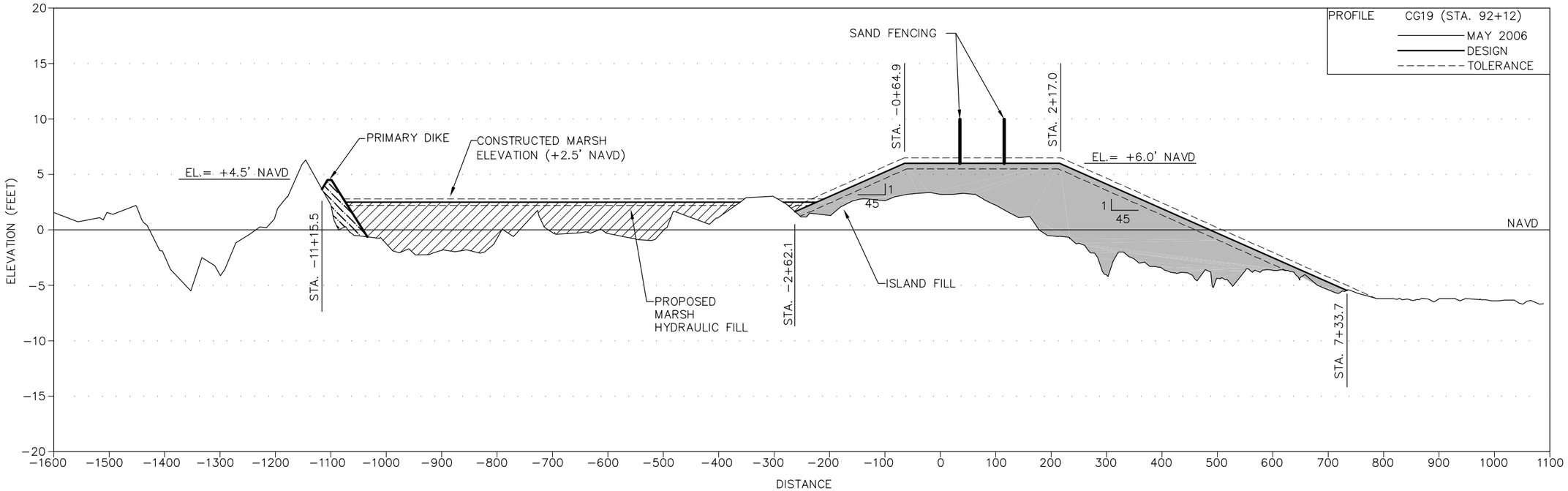

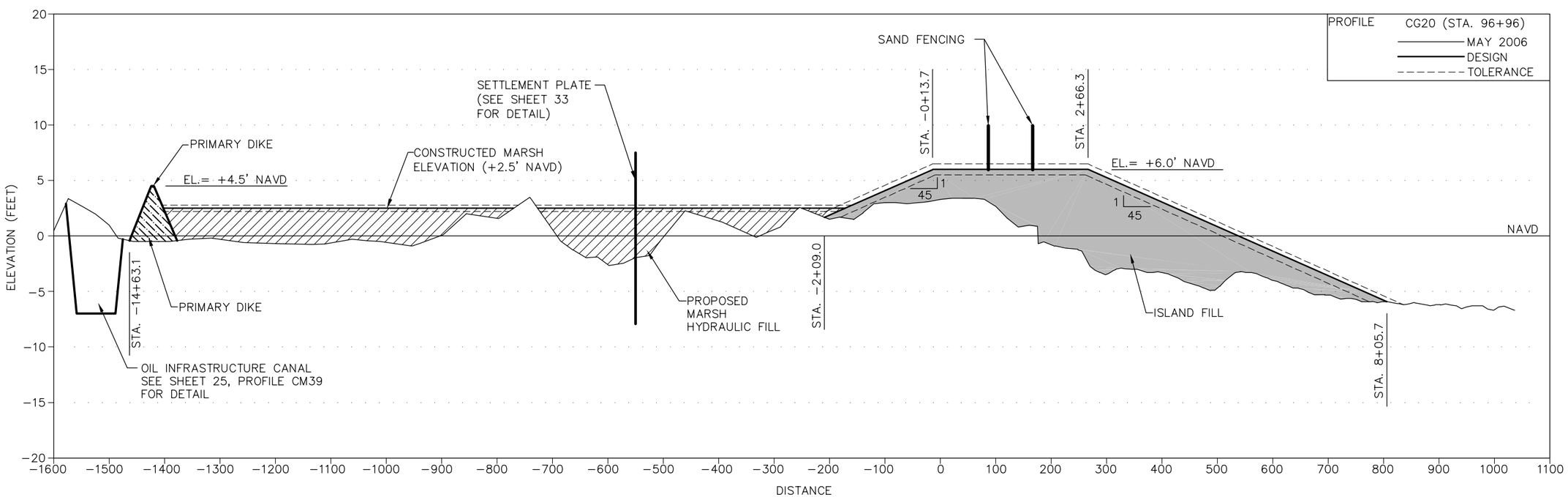

NOTES:
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C.O.A. LA. #2531
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No.	Date	Description

Designed by: GT | Checked by: AB
Drawn by: TW | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No.: 7291.00
Reference Files: BORDERSHALAND.DWG

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-10

SHEET 19 OF 33

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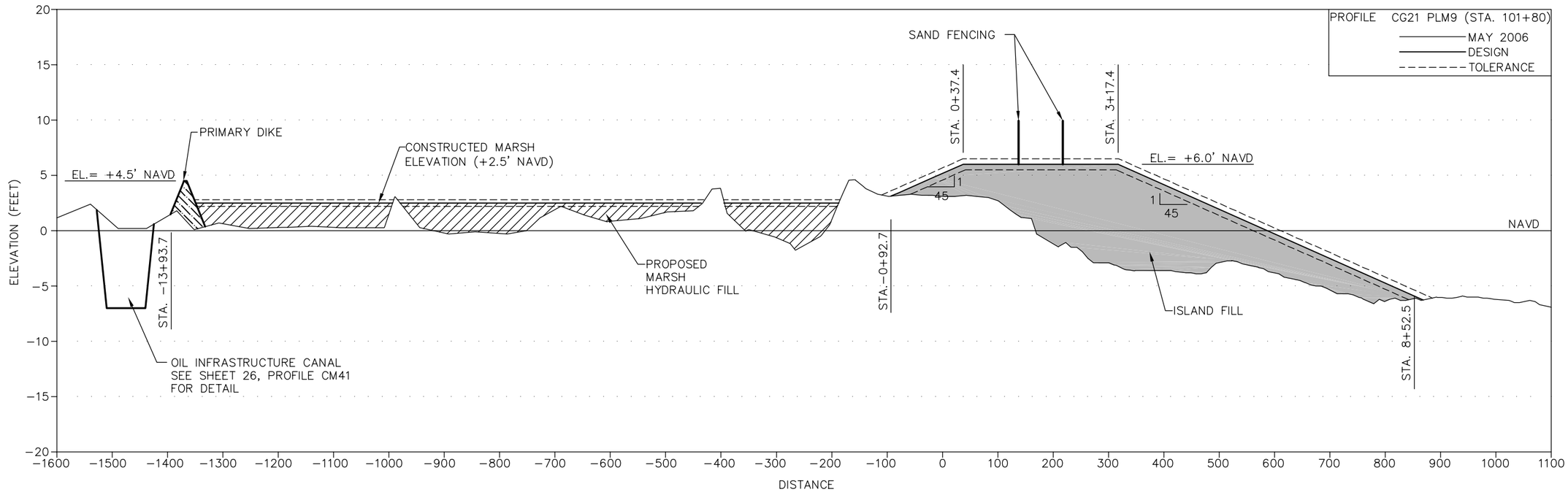

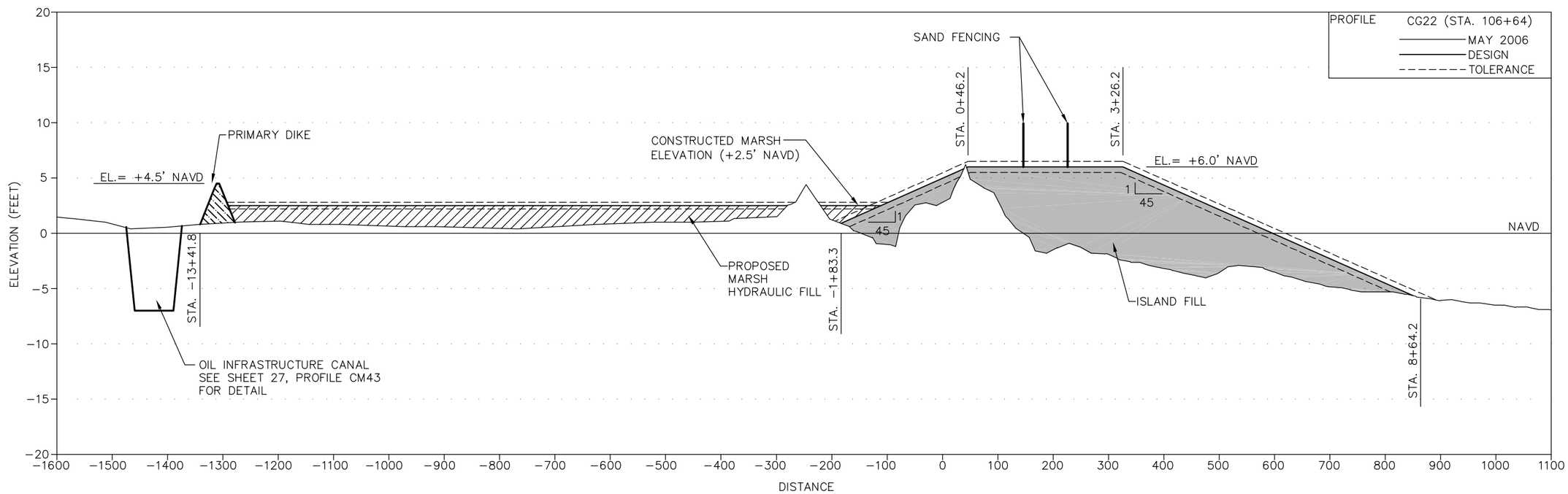

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C.O.A. LA. #2531
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No.	Date	Description

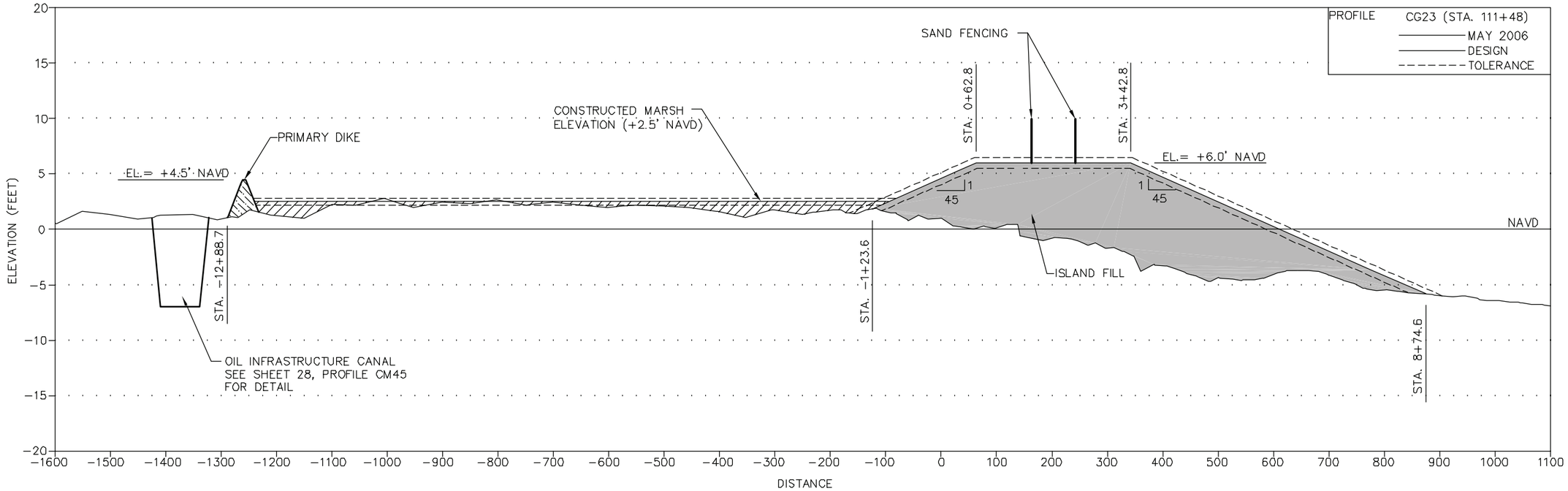
Checked by: AB
Designed by: CT
Reviewed by: CT
Drawn by: TW
Submitted by: CT
Date: 5/24/06
Comm. No: 7281.00
Plot Scale: AS NOTED
Reference Files: BASEMAP/CHALAND.DWG

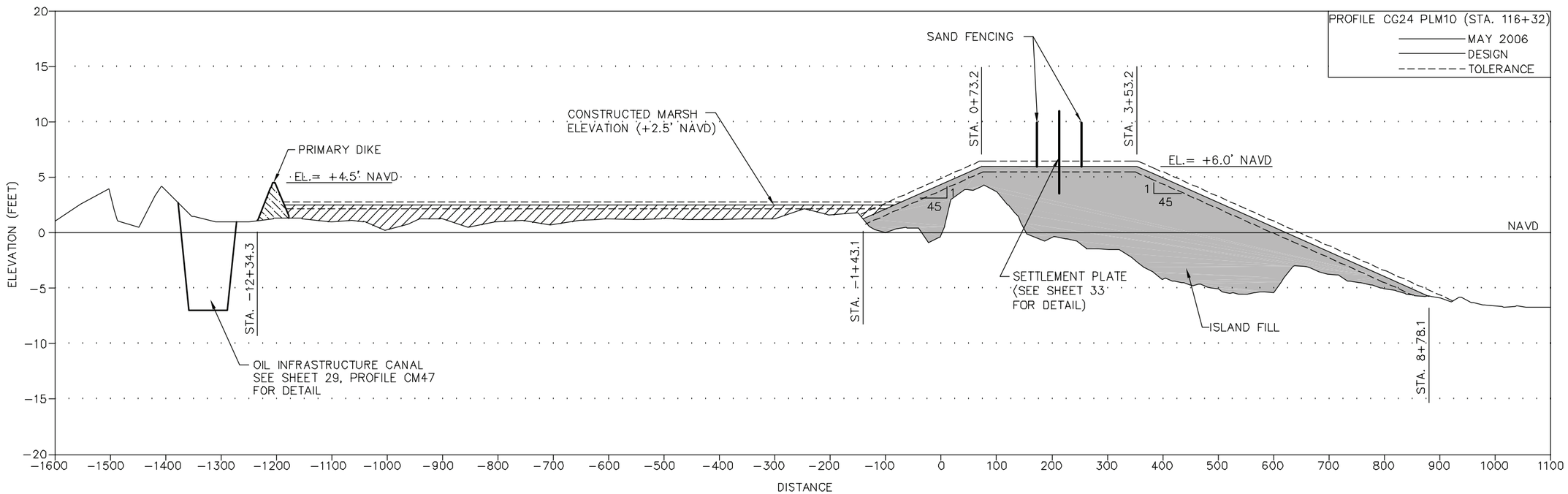
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-11

H:\Linkings\7281.00\CONSTRUCTION\CHALAND\CHALAND_X-SECTIONS.DWG





NOTES:
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C.O.A. FL. #4028
C.O.A. LA. #2531

No.	Date	Description

Checked by: AB
Designed by: GT
Reviewed by: GT
Drawn by: TW
Submitted by: GT
Date: 5/24/06
Comm. No: 7281.00
Plot Scale: AS NOTED
Reference Files: BOXDESIGN-LANDS.DWG

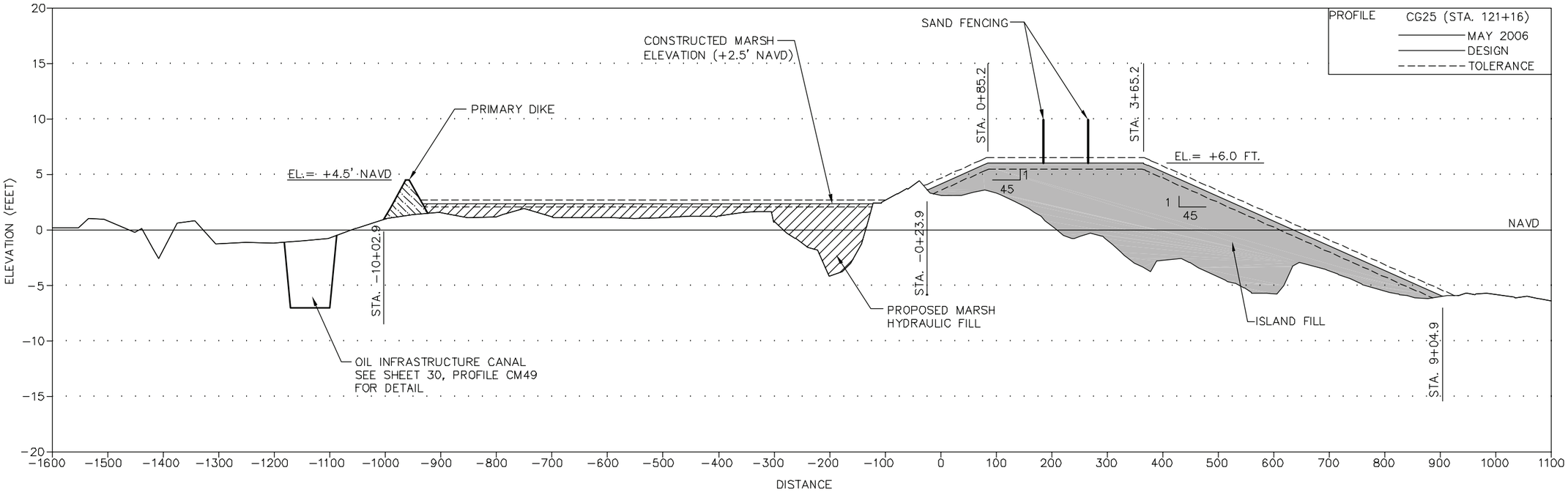
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

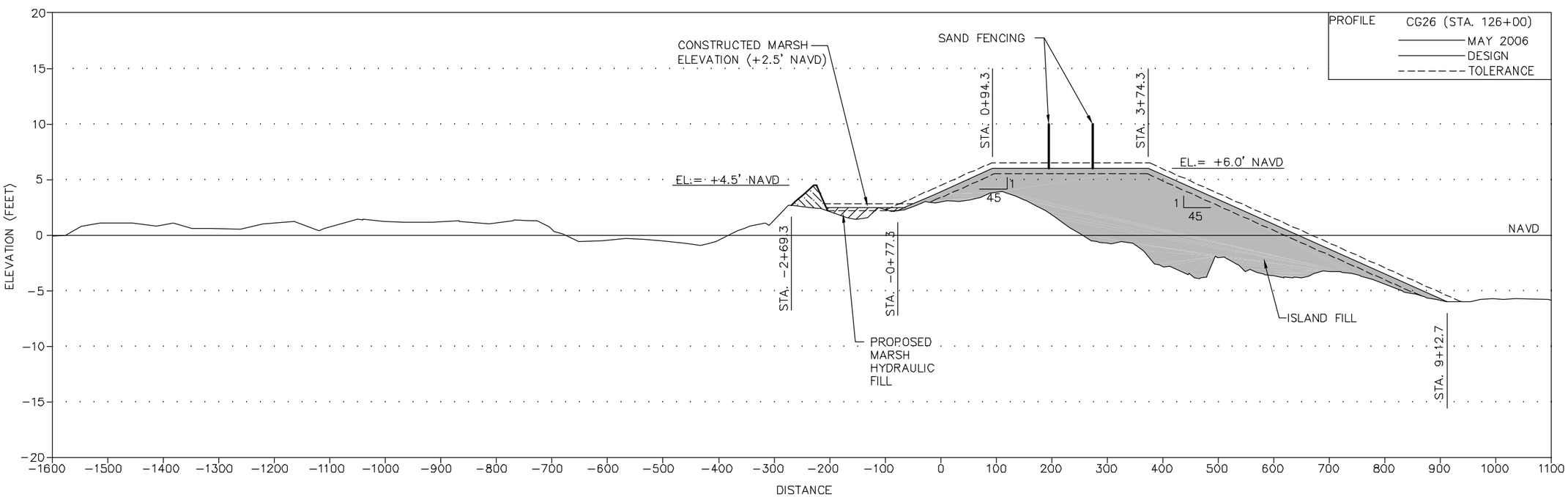
CROSS SECTIONS

DRAWING NO.

XS-12

SHEET 21 OF 33





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C.O.A. FL #4028
C.O.A. LA #2531

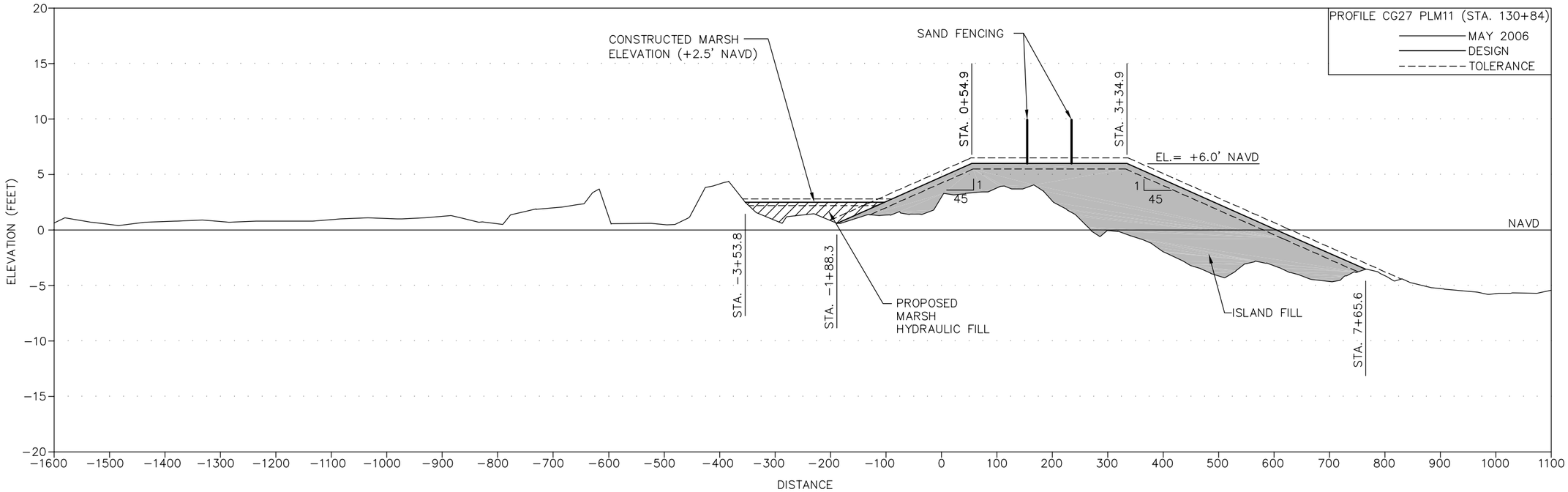
No.	Date	Description

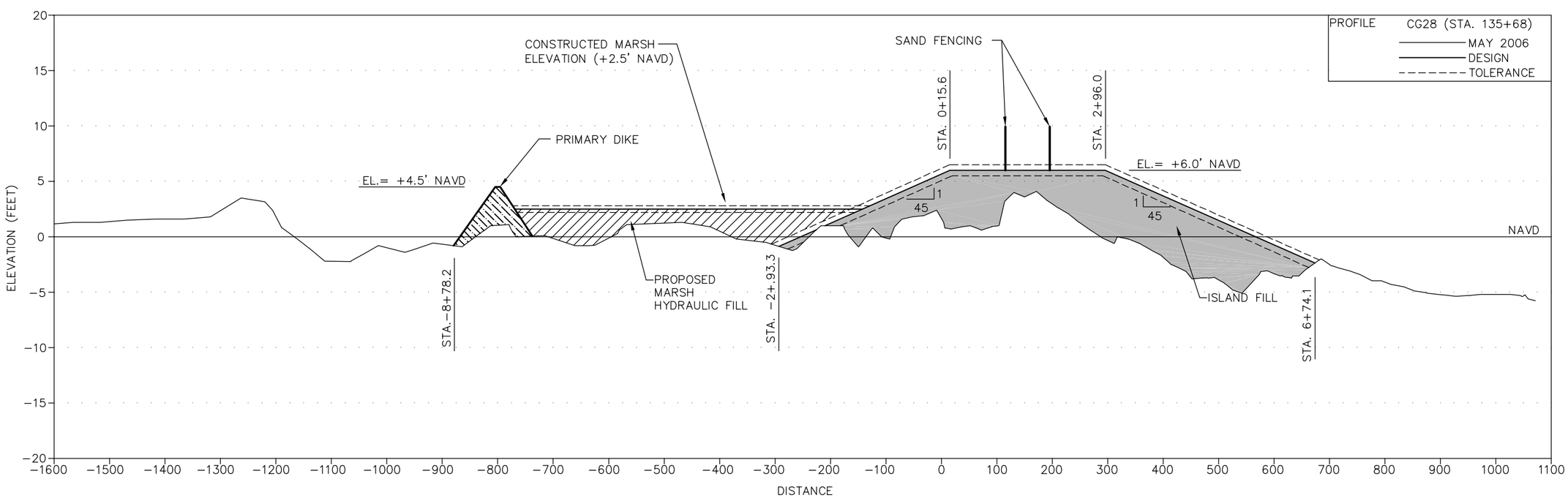
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No: 7281.00
Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Reference Files: (BOXER)(CHALAND.DWG)

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-13





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No.	Date	Description

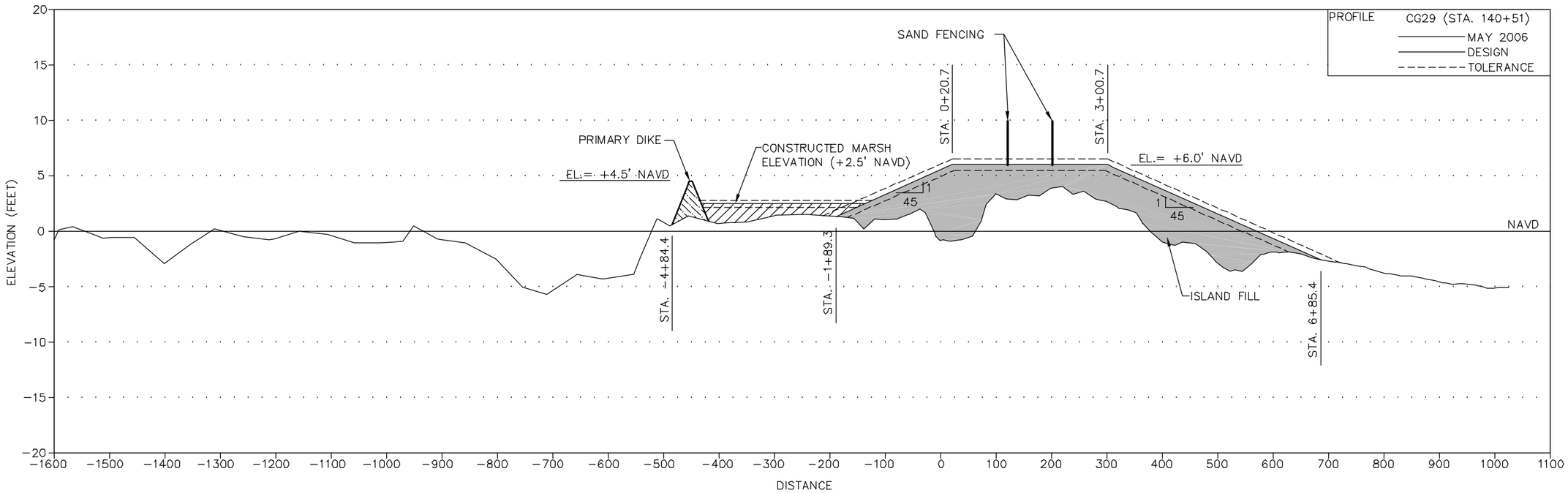
Checked by: AB
Reviewed by: CT
Submitted by: CT
Comm. No: 7201.00
Designed by: CT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Reference Files: BASEMAP/CHALAND.DWG

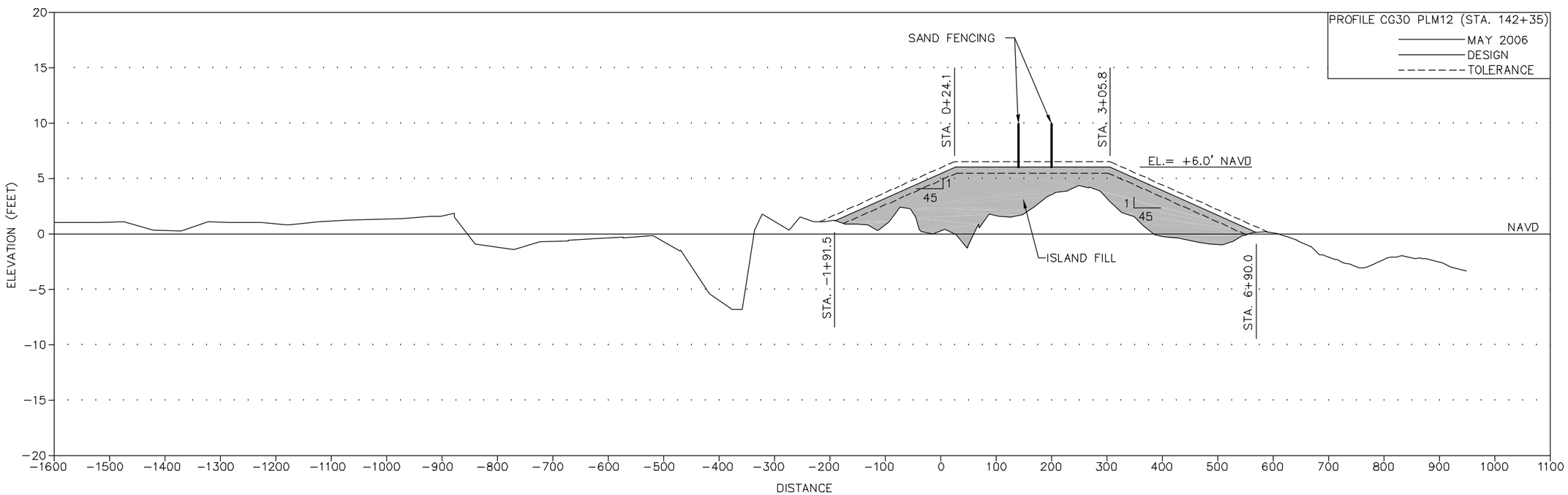
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-14

H:\Linkings\7201(0)\CONSTRUCTION\CHALAND\CHALAND X-SECTIONS.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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FAX (225) 578-3975
www.CoastalPlanning.net
C.O.A. FL. #4028
C.O.A. LA. #2531

No.	Date	Description
1	4/18/06	PER COMMENTS

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7201.00
Reference Files: (NODES)CHALANDD.DWG

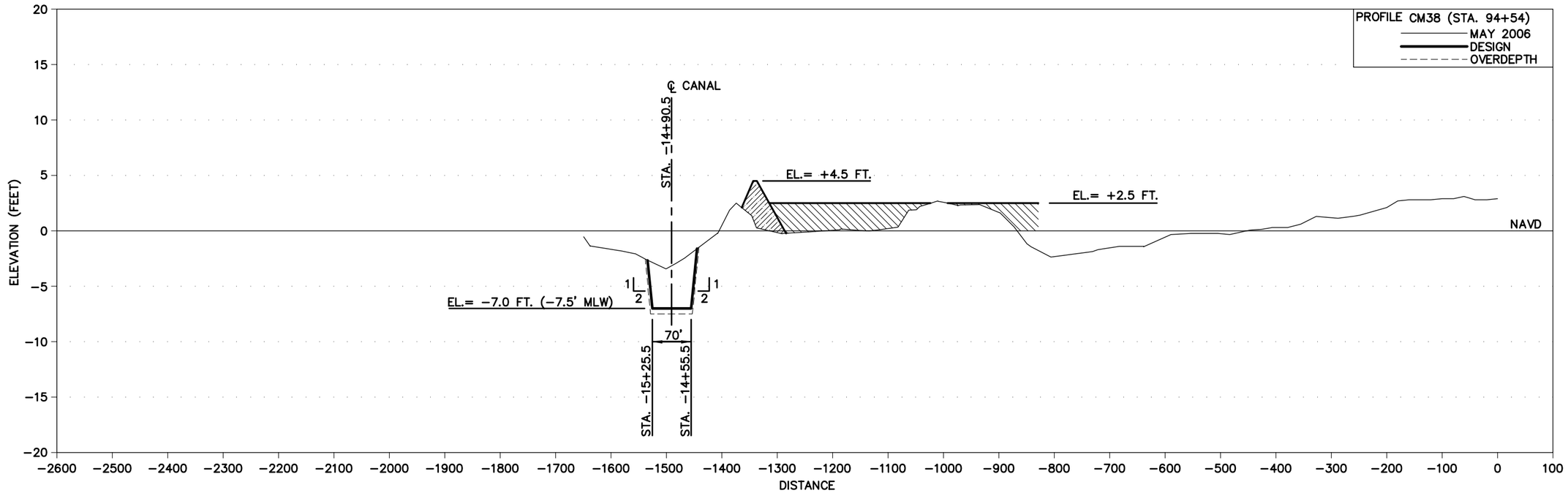
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

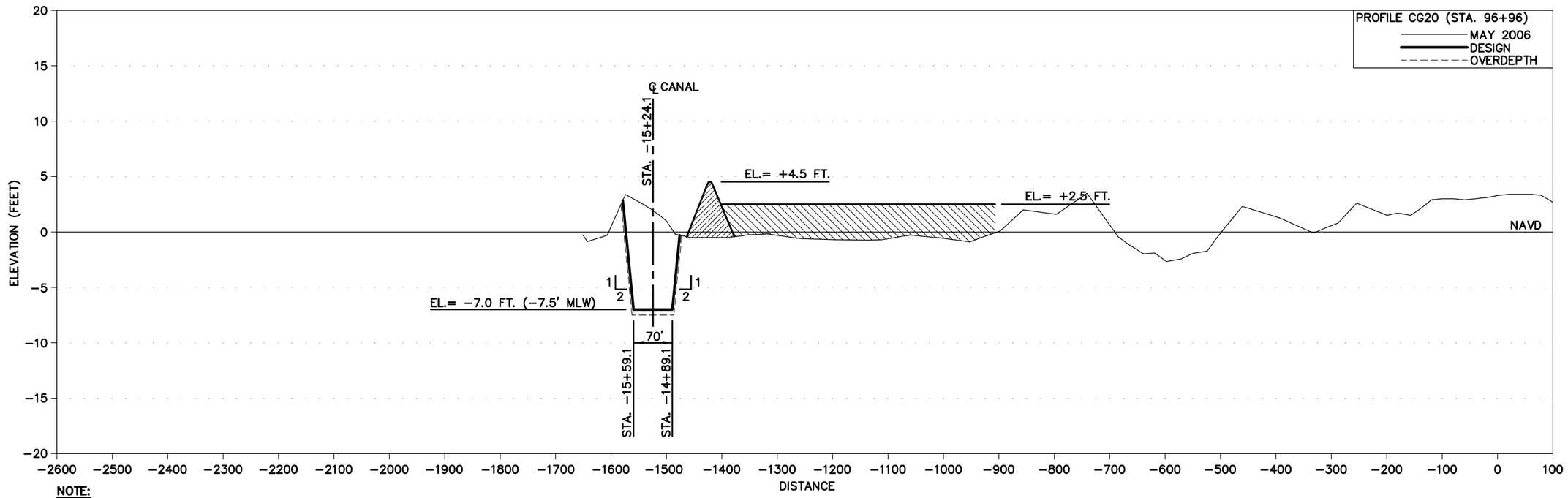
CROSS SECTIONS

DRAWING NO.

XS-15

SHEET 24 OF 33





NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET
3. THIS SHEET IS ONLY INTENDED TO SHOW OIL INFRASTRUCTURE ACCES CANAL DETAIL. PRIMARY DIKE AND MARSH SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND:

DENOTES PRIMARY DIKE

DENOTES MARSH HYDRAULIC FILL

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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 726100

Reference Files: BASE/DEVELOPMENT

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.

XS-16

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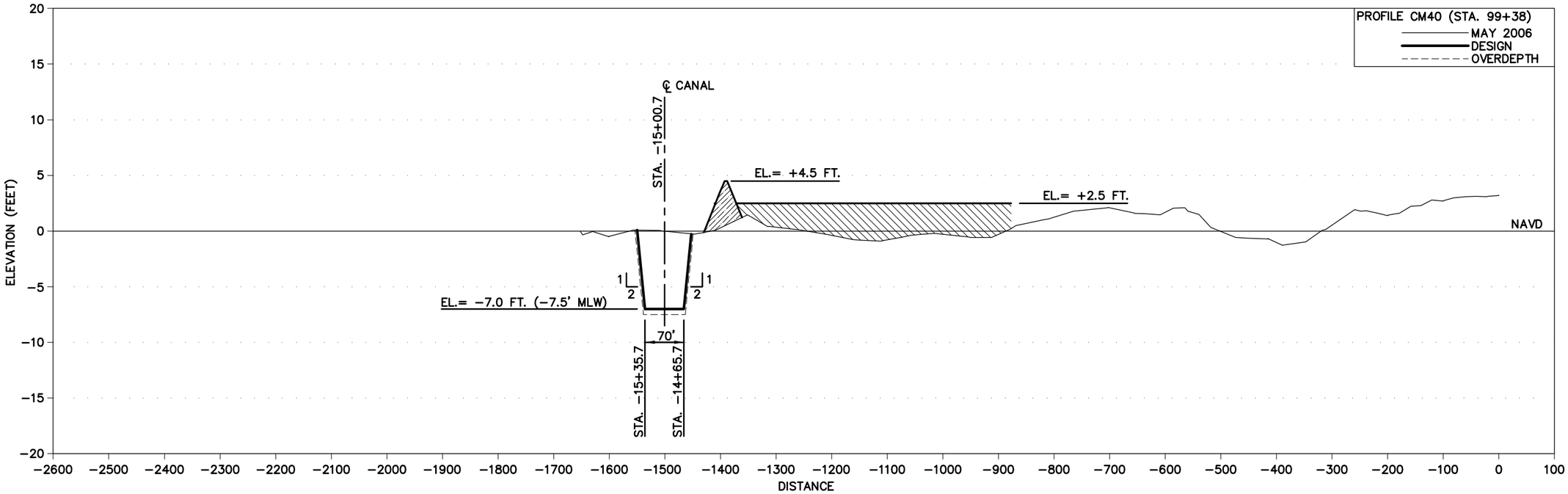

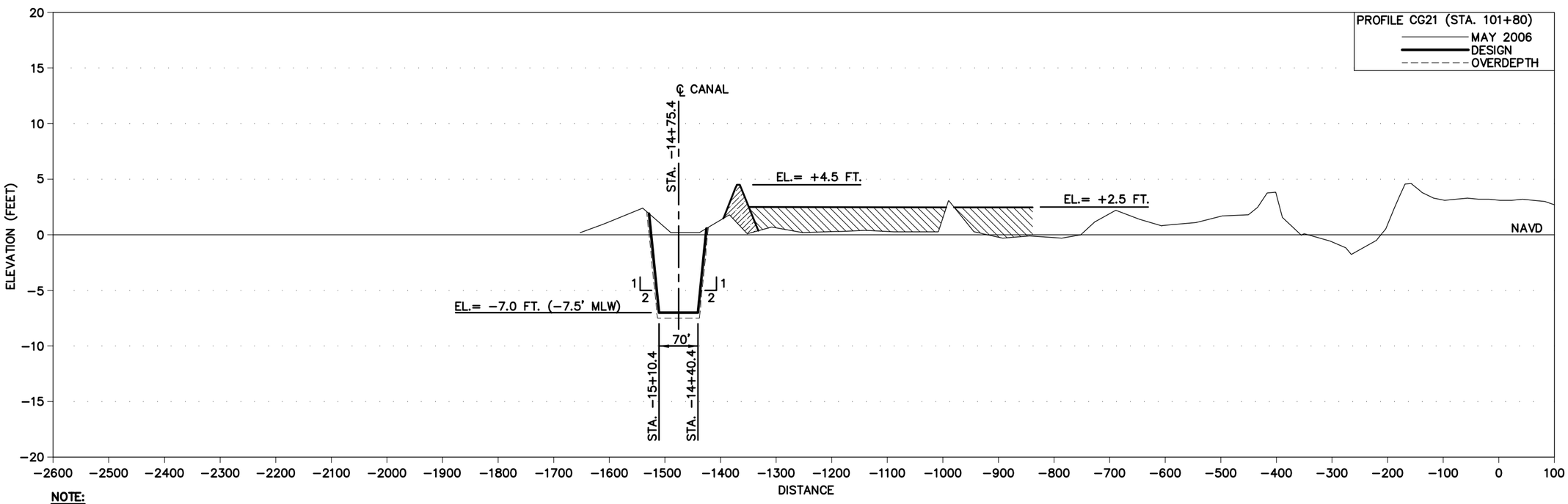

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LEGEND:

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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No: 7261.00

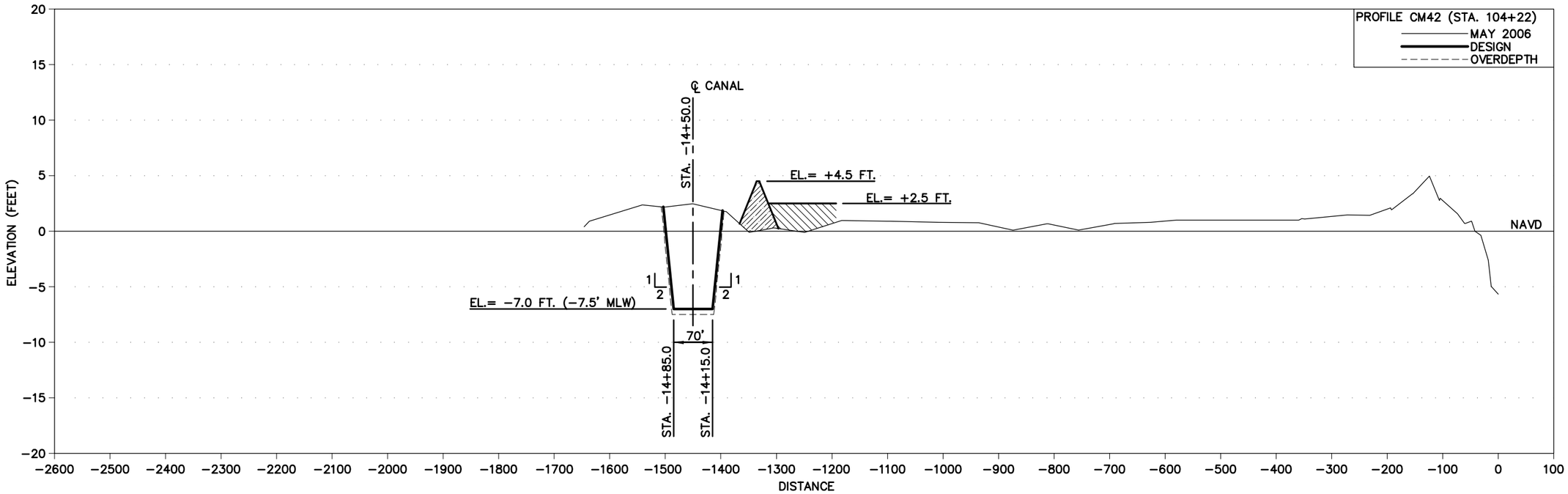
Reference Files: pandpcad\xsections

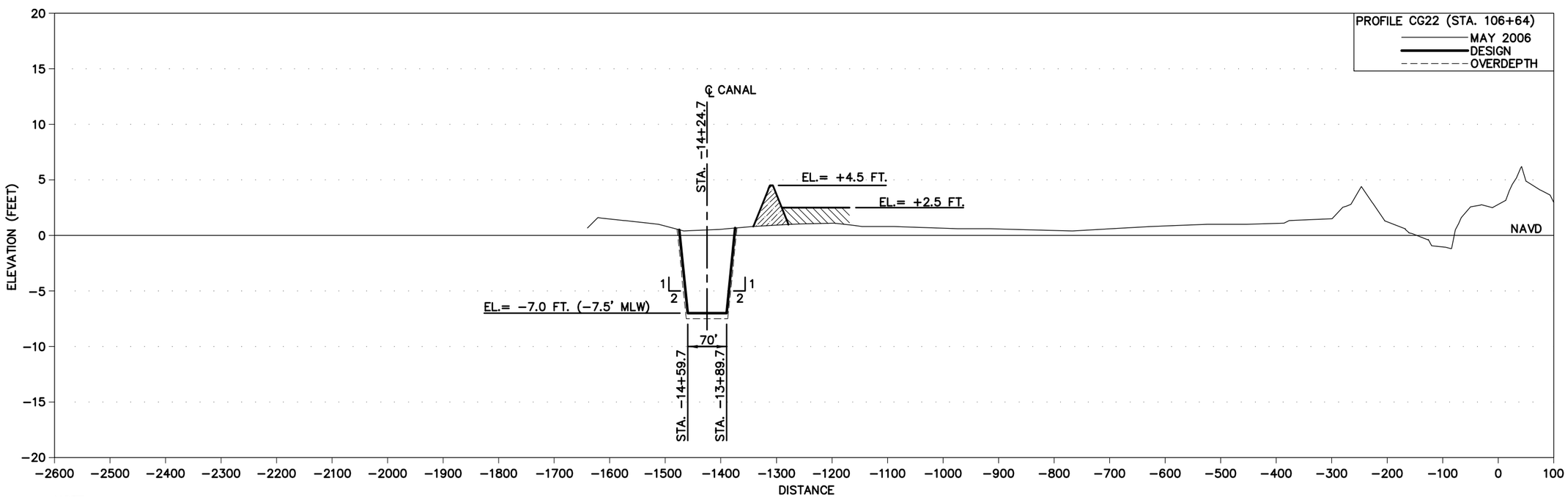
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.

XS-17

H:\Leblanc\7261001\CONSTRUCTION\CHALAND\CHALAND_CANAL_X-SECTIONS.DWG





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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7261.00

Reference Files: pxdcs01cmd.dgn

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.

XS-18

SHEET 27 OF 33

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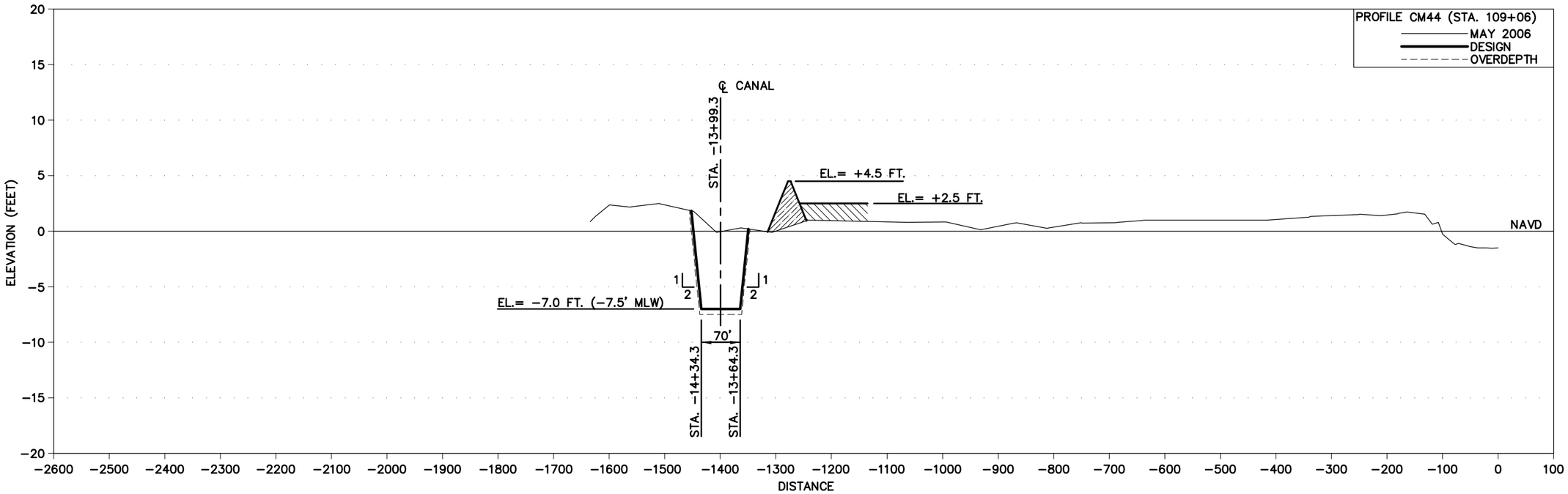

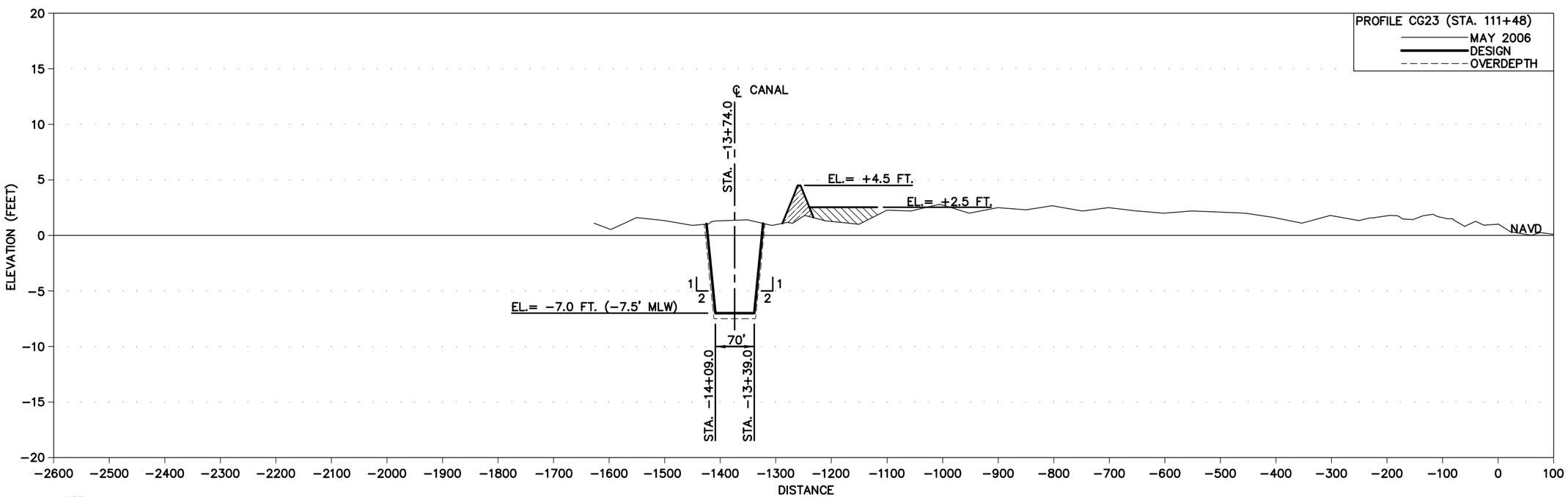

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Plot Scale: AS NOTED
Comm. No.: 7261.00

Reference Files: pxdcs01cmxs.dgn

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.

XS-19

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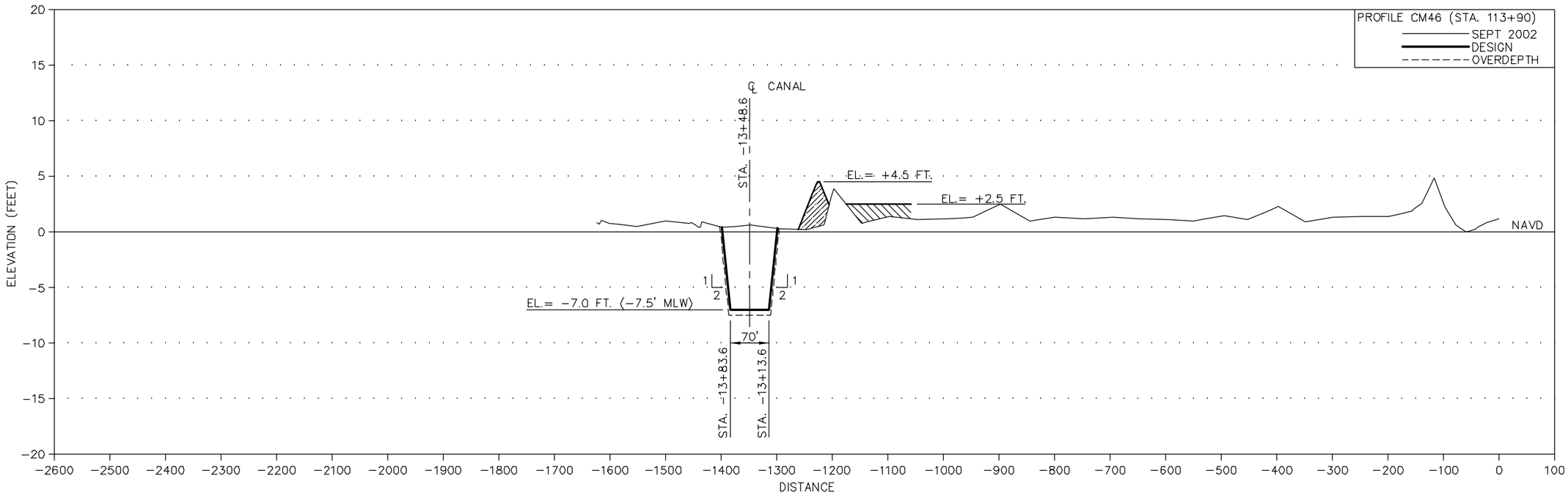

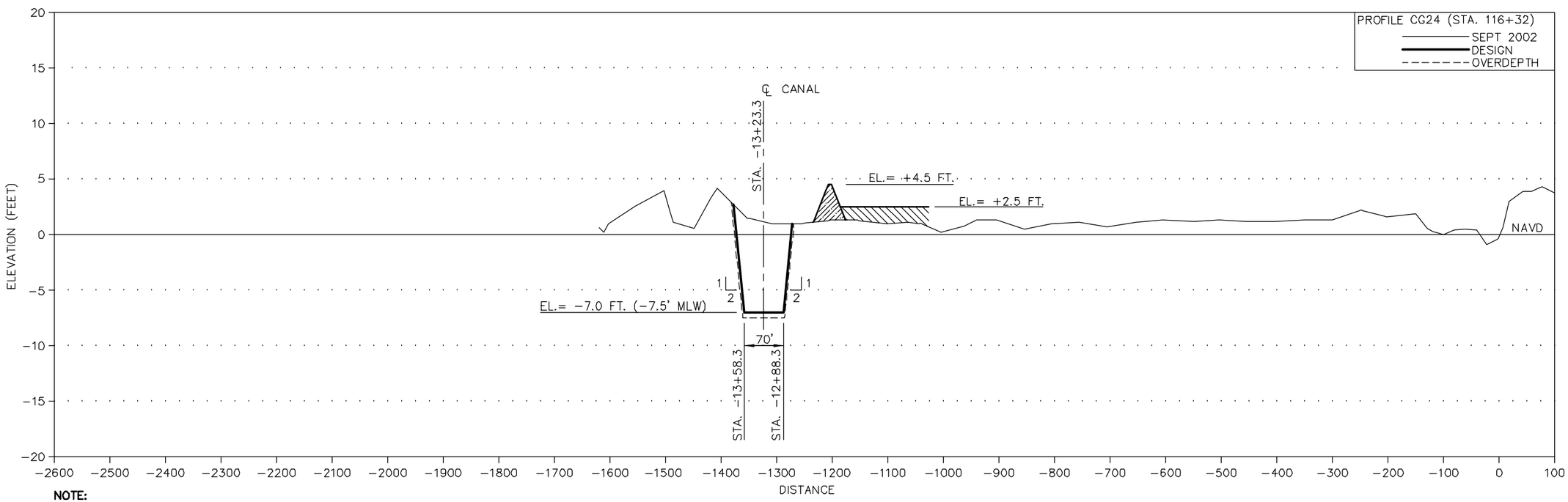

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DENOTES MARSH HYDRAULIC FILL

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C.O.A. LA. #2531
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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7261.00

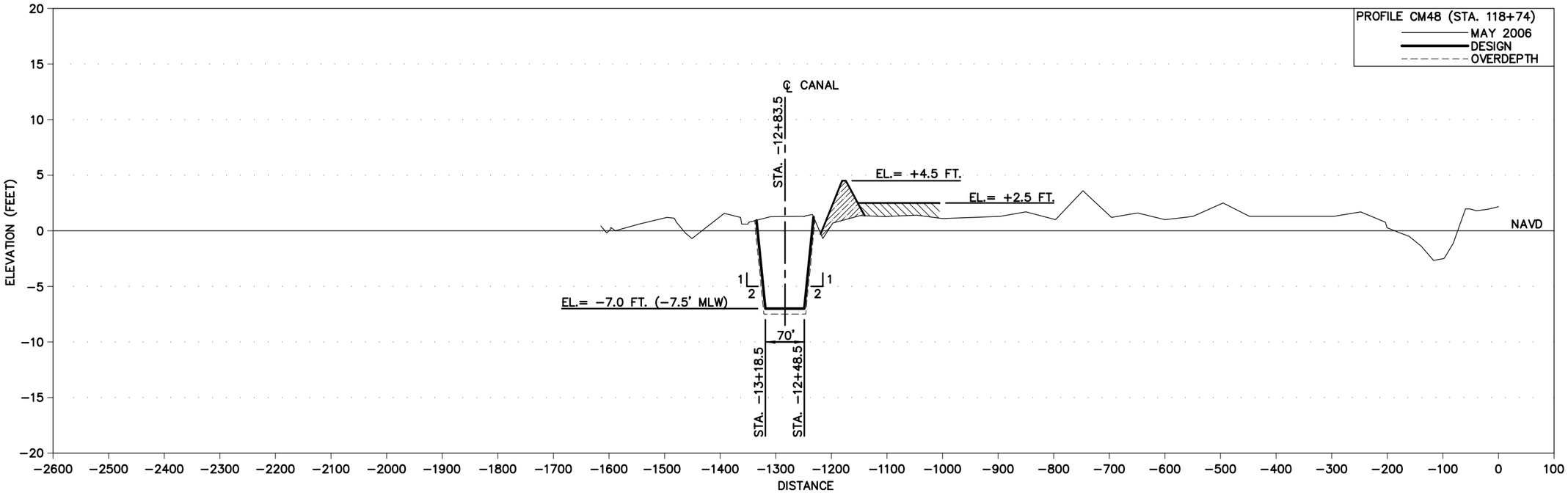
Reference Files: BOREDEPTHCHALAND.DWG

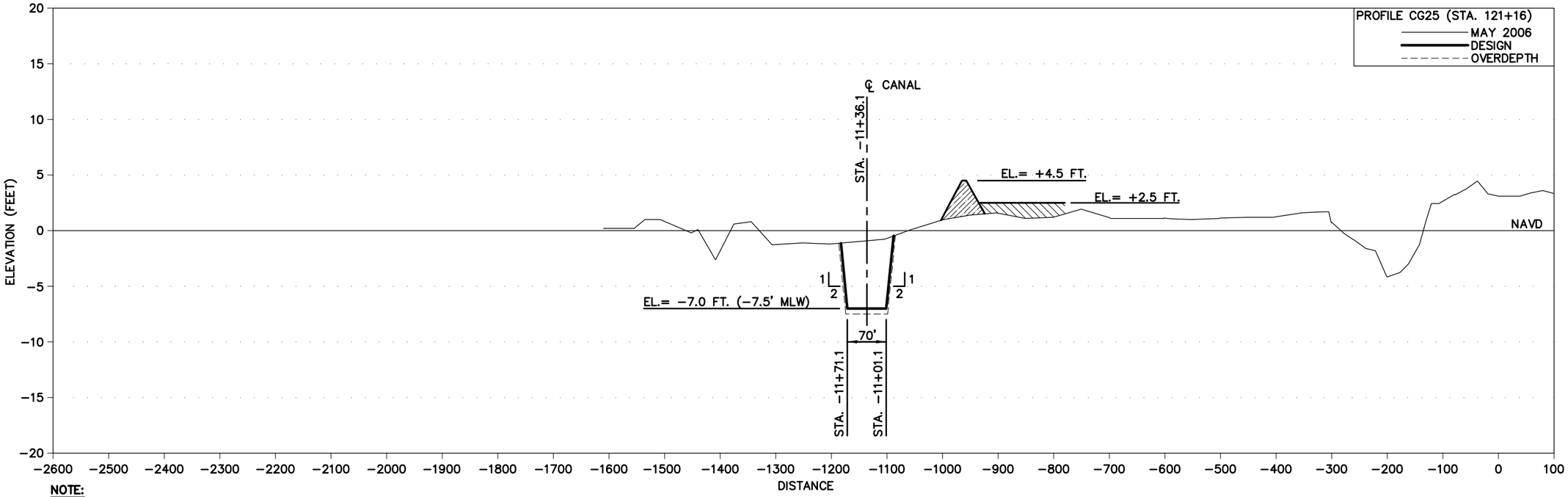
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS

DRAWING NO.

XS-20





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LEGEND:

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DENOTES MARSH HYDRAULIC FILL

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C.O.A. LA. #2531
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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7261.00

Reference Files: BASE/DEVELOPMENT

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.

XS-21

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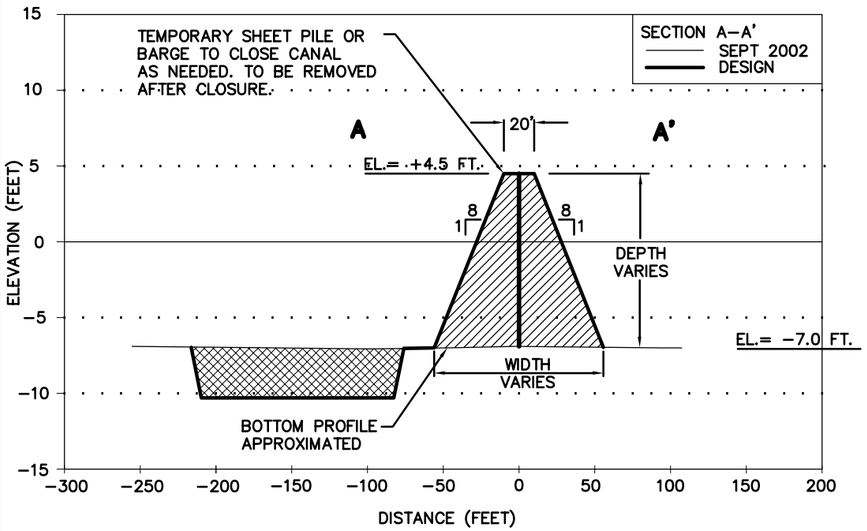
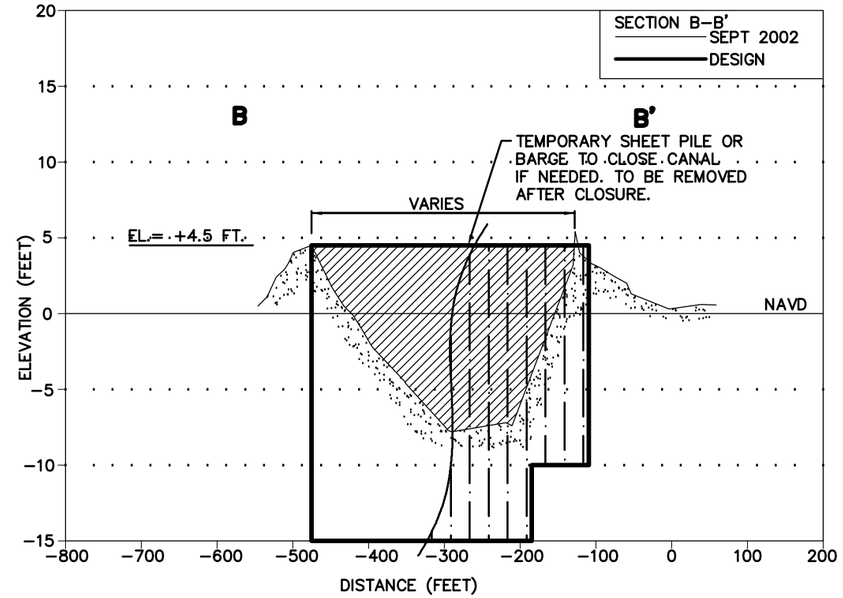


CANAL CLOSURE CROSS SECTION A–A'

NOTES:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

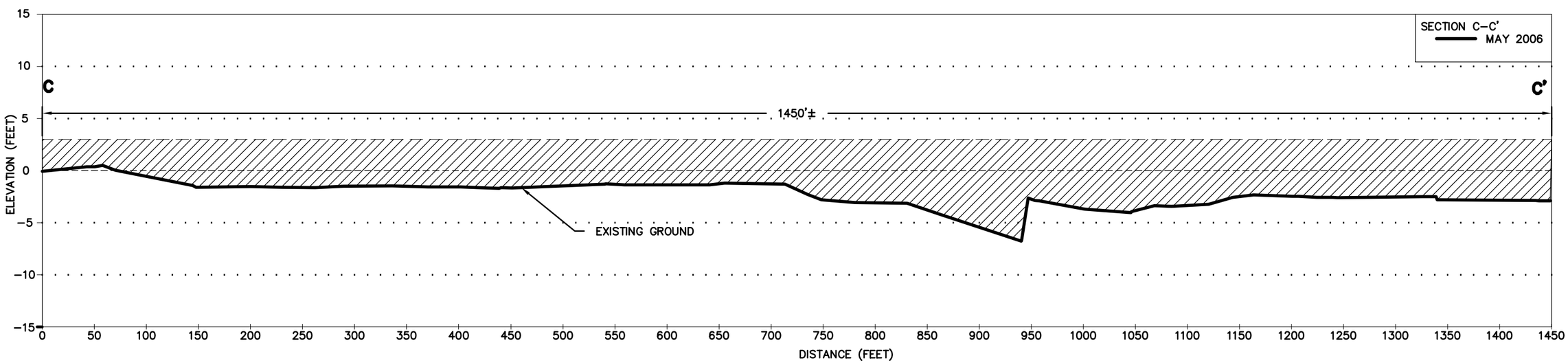
LEGEND:
- FILL MATERIAL TO CLOSE CANAL
- DENOTES EXCAVATED MARSH MATERIAL TO BE USED FOR CANAL CLOSURE



CANAL CLOSURE CROSS SECTION B–B'

NOTES:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

LEGEND:
- FILL MATERIAL TO CLOSE CANAL



BREACH CLOSURE CROSS SECTION C–C'

LEGEND:
- SAND MATERIAL TO CLOSE BREACH

NOTES:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. DEPTH AND WIDTH OF BREACH VARIES.
3. SAND MATERIAL ONLY TO BE USED FOR CLOSURE OF BREACH.
4. EXISTING ELEVATION AND WIDTH OF BREACH HAVE CHANGED (JAN 2005). SEE CG9 AND CG10 SECTION ON SHEET 14.

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C.O.A. LA. #2531
www.CoastalPlanning.net

No.	Date	Description

Checked by: AB
Reviewed by: CT
Submitted by: CT
Comm. No.: 7261.00
Designed by: CT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Reference Files: BWDEBCHALAND.DWG

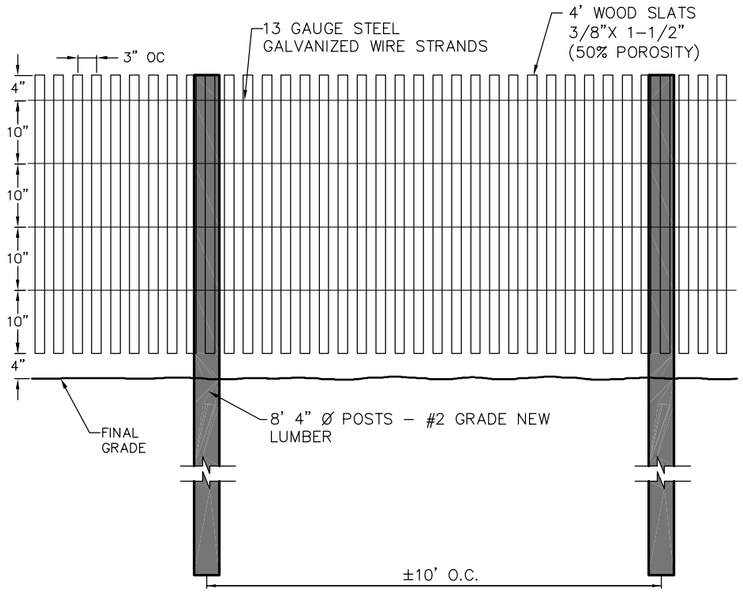
CHALAND HEADLAND RESTORATION (BA–38–2) CWPPRA PROJECT

CROSS SECTION DETAILS

DRAWING NO.

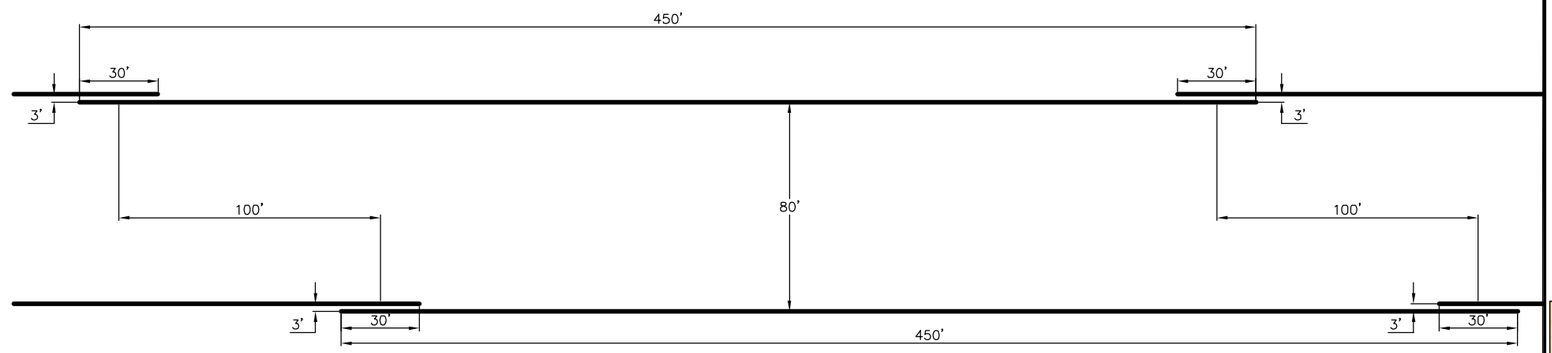
DE–1

H:\Logiland\726100\CONSTRUCTION\CHALAND_DETAILS.DWG



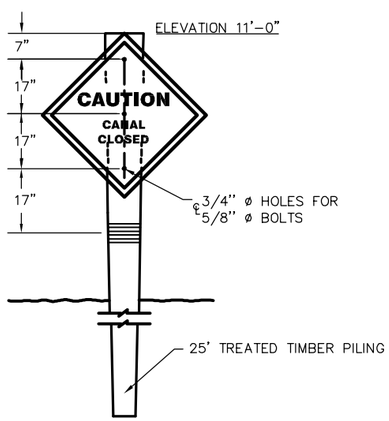
FENCING DETAILS

N.T.S.



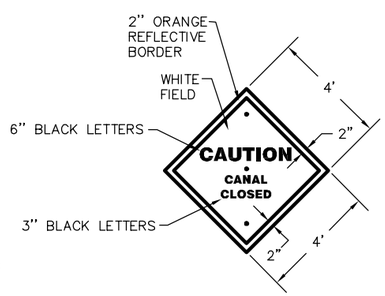
FENCE GAPPING DIMENSIONS

N.T.S.



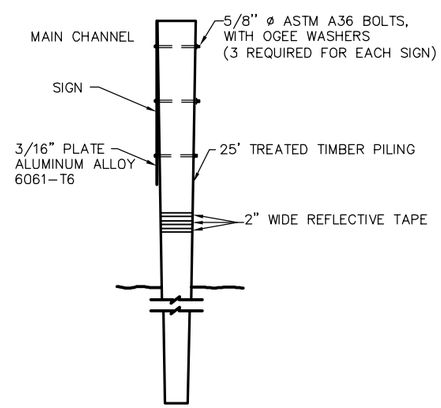
CAUTION SIGN ELEVATION

N.T.S.



CAUTION SIGN DETAIL

N.T.S.



CAUTION SIGN SIDE DETAIL

N.T.S.

GENERAL NOTES:

1. FIVE UNLIGHTED CAUTION SIGNS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON PLAN VIEWS.
2. THE 2" BORDER ON THE CAUTION SIGN WILL BE A REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD WILL BE A REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE CAUTION SIGNS WILL BE BLACK. ALL SIGNS MUST MEET U.S. COAST GUARD STANDARDS; IN ACCORDANCE WITH 33 CFR 330.4 (a) (1) WHICH CAN BE DOWNLOADED AT http://www.access.gpo.gov/nara/cfr/waisidx_02/33cfr330_02.html
3. NEOPRENE WASHERS SHALL BE PLACED BETWEEN THE SIGN AND THE PILING AT ALL POINTS OF CONTACT. SPACERS SHALL BE PLACED BETWEEN THE SIGN AND THE WASHERS. A PLASTIC OR NYLON SLEEVE SHALL BE PLACED TO PREVENT DIRECT CONTACT BETWEEN THE BOLT AND THE SIGN.
4. HARDWARE FOR TIMBER CONNECTIONS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH SECTION 811.5 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS PUBLISHED BY THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, LATEST EDITION.
5. ALL TIMBER PILINGS SHALL CONFORM TO LA DOTD 2000 STANDARD SPECIFICATION SECTIONS 812 AND 1014. ALL PILING SHALL BE TREATED WITH CREOSOTE OR CHROMATED COPPER ARSENATE (CCA). ALL CREOSOTE TREATMENT SHALL MEET AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) P2 WITH A MINIMUM RETENTION OF 20 LB./CU. FT. ALL CREOSOTE TREATED PILINGS SHALL BE STEAM FLUSHED FOR A MINIMUM OF ONE (1) HOUR AT 240°F (116°C) AFTER TREATMENT. ALL CCA TREATED PILES SHALL CONFORM TO AWPA CW WITH A MINIMUM RETENTION OF 2.5 LB./CU. FT. OF CCA OXIDES IN THE OUTER 0.60 INCHES. RETENTION SHALL BE DETERMINED BY ASSAY PERFORMED AND CERTIFIED BY THE TREATING COMPANY.
6. TIMBER PILING SHALL BE 25-FEET IN LENGTH WITH A NOMINAL 12-INCH DIAMETER BUTT AND 8-INCH MINIMUM DIAMETER AT THE TIP, PER ASTM D25.

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C.O.A. LA. #2531

No.	Date	Description

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7281.00
Reference Files: BORDERCHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

SAND FENCING
& SIGN DETAILS

DRAWING NO.
DE-2

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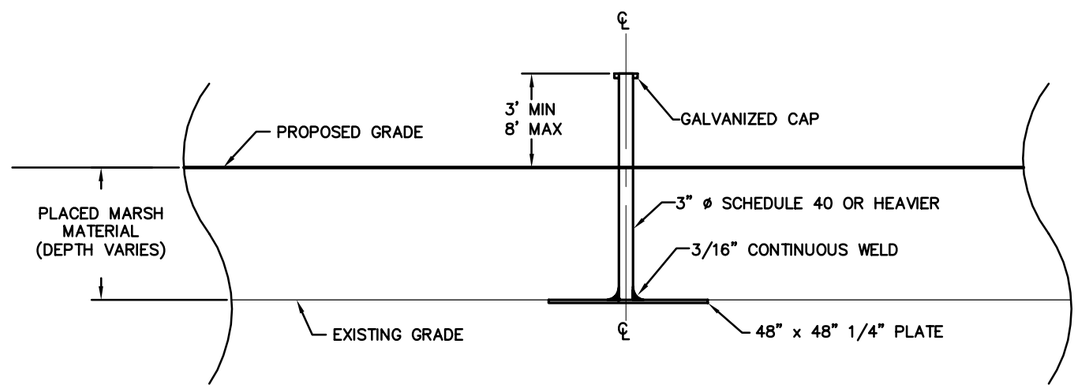

SETTLEMENT PLATE DETAIL
NOT TO SCALE

SETTLEMENT PLATE LOCATIONS		
PROFILE LINE	STATION	LOCATION
CG4	−0+45	MIDDLE OF SAND DUNE
CG8	−6+00	MARSH
CG13	−14+22	C.L. OF PRIMARY DIKE
CG16	−8+48	MARSH
CG20	−5+50	MARSH
CG24	1+55	MIDDLE OF SAND DUNE
CG28	−8+37	C.L. OF PRIMARY DIKE

NOTE:
1. SETTLEMENT PLATES SHALL BE BUILT USING ASTM A36 STEEL AND HOT-DIPPED GALVANIZED AFTER FABRICATION.

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Designed by: GT
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Date: 5/24/06
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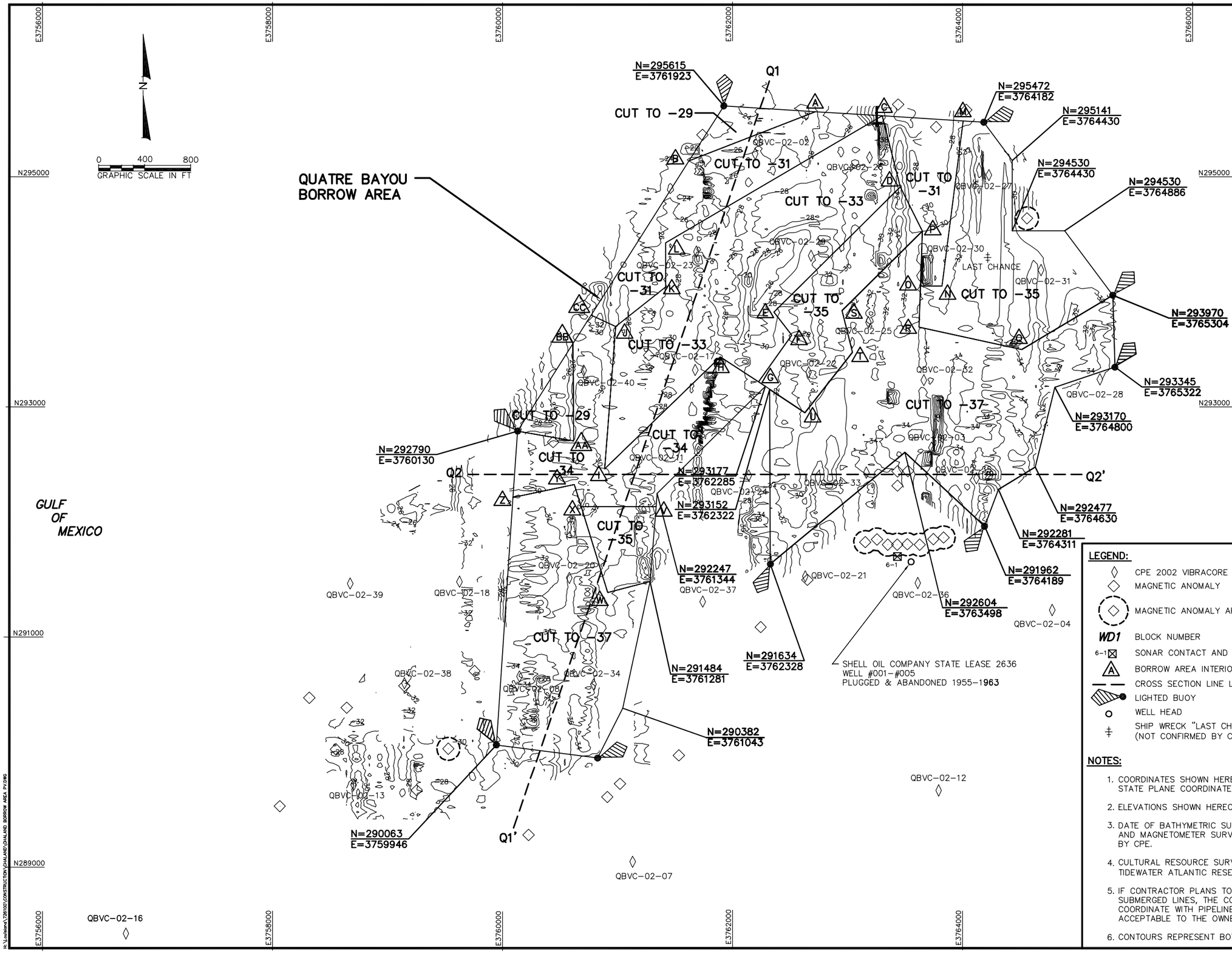
Plot Scale: AS NOTED
Comm. No.: 7261.00
Reference Files: BREREFCHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

SETTLEMENT PLATE DETAIL

DRAWING NO.
DE-3
SHEET 33 OF 33

H:\Louisiana\7261100\CONSTRUCTION\CHALAND_DETAILS.DWG



BORROW AREA–INTERIOR COORDINATE TABLE

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C	3763301	295528
D	3763457	294911
E	3762358	293824
F	3762512	293622
G	3762225	293217
H	3761893	293435
I	3760889	292460
J	3760984	293699
K	3761418	294042
L	3761419	294427
M	3764004	295484
N	3763821	294050
O	3763632	294051
P	3763650	294526
Q	3764514	293499
R	3763619	293693
S	3762951	293835
T	3763041	293475
U	3762629	292950
V	3761335	292132
W	3760915	291386
X	3760684	292132
Y	3760624	292324
Z	3760091	292212
AA	3760619	292703
BB	3760614	293552
CC	3760770	293797

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- 6-1 SONAR CONTACT AND SITE REFERENCE NUMBER
- BORROW AREA INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: AUGUST 6–15TH, 2003 CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23–25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
6. CONTOURS REPRESENT BOTTOM OF SAND.

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No.	Date	Description
1	8/18/06	UPDATE CUTS

Designed by: GT
Checked by: AB
Drawn by: XXX
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7281.00

Reference Files: BORROW AREA.dwg; Base.DWG; BATHYMETRIC.dwg; Contours.dwg; eersgeport_p.dwg

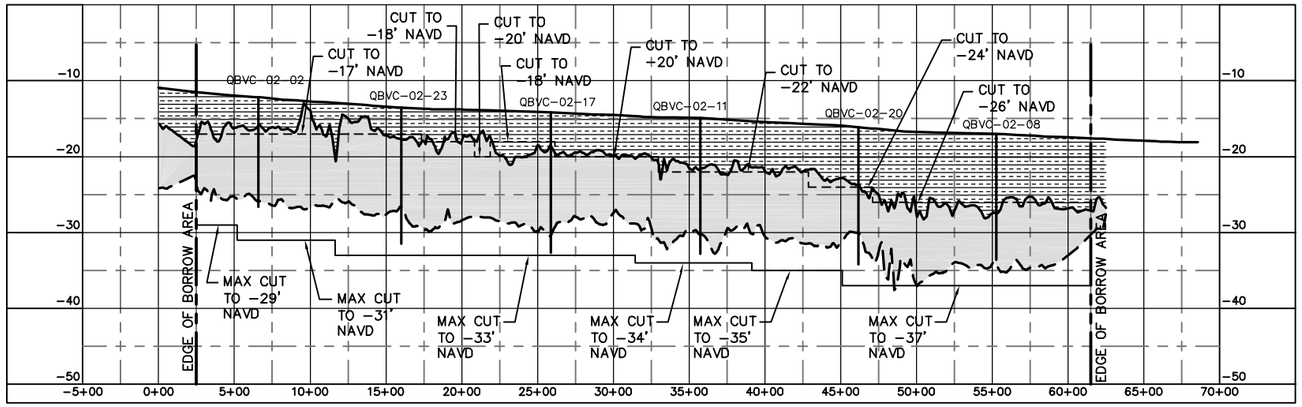
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT
QUATRE BAYOU BORROW AREA BOTTOM ELEVATION OF SAND CONTOUR MAP

DRAWING NO.
BA-3

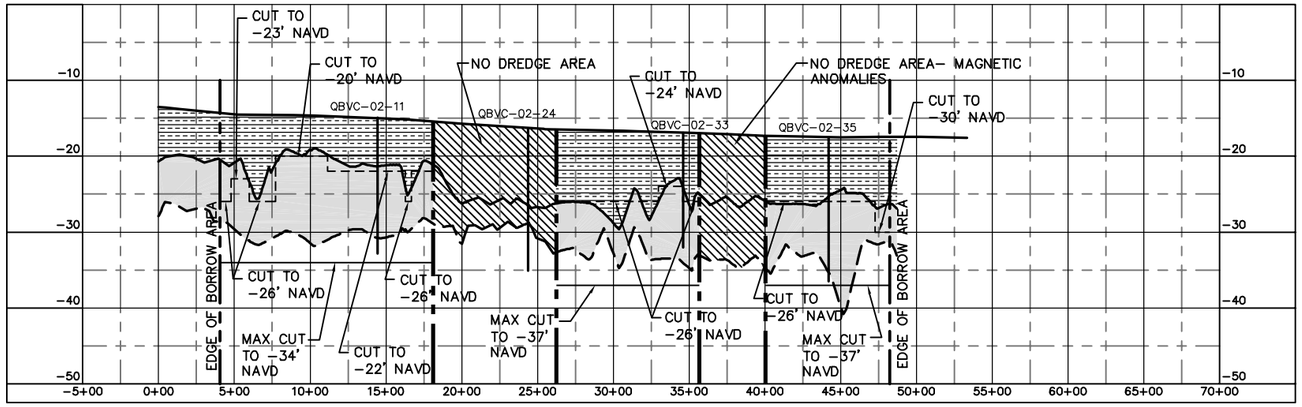
SHEET 8 OF 33

H:\Jobnum\7281001\CONSTRUCTION\CHALAND\CHALAND BORROW AREA.DWG

QUATRE BAYOU BORROW AREA
CROSS SECTION Q1–1'



QUATRE BAYOU BORROW AREA
CROSS SECTION Q2–2'



NOTES:
1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE.
2. VERTICAL THICKNESS OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE SHEETS 6–8 FOR LOCATION OF CROSS SECTION LINES
4. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.

LEGEND:

- BEACH COMPATIBLE SEDIMENTS
- SURFACE SILT/CLAY LAYER
- INTERMITTENT ACCOUSTIC REFLECTOR WITHIN SAND DEPOSIT
- OVERBURDEN REMOVAL DREDGE CUTS
- SAND REMOVAL DREDGE CUTS

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No.	Date	Description
1	4/8/06	ADD MUD REMOVAL DREDGE CUTS
2	6/25/06	CORRECTED DEPTH CUT IN CROSS SECTION Q1–1'
3	8/18/06	UPDATE CUTS

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00

Reference Files: BASEMAP04_NAD27.dwg

CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT

QUATRE BAYOU BORROW AREA
CROSS SECTIONS

DRAWING NO.
BA–4

H:\Louisiana\7261.00\CONSTRUCTION\CHALAND\CHALAND BORROW AREA Cross Sections.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

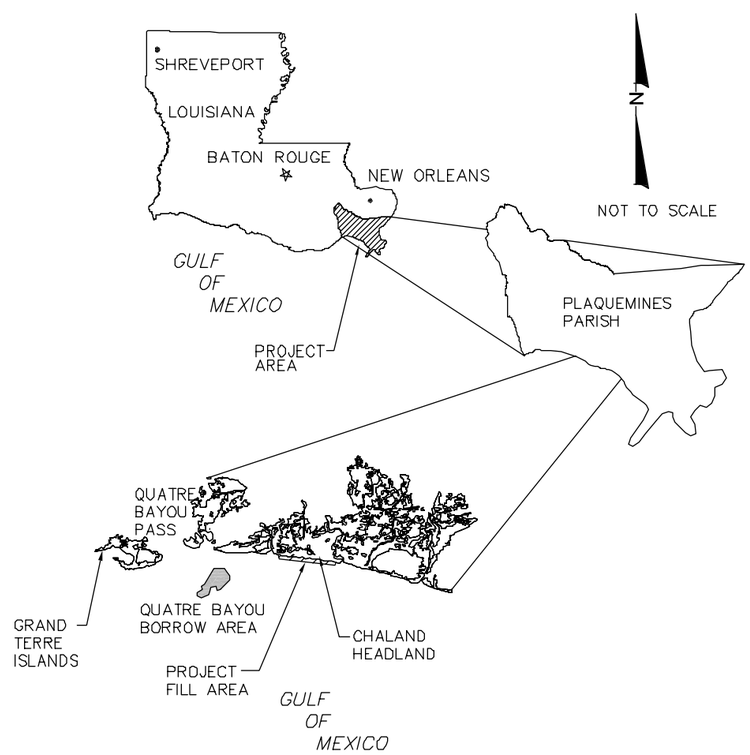
POINTS OF INTERSECTION (PI) OF PROFILE LINES WITH PROJECT BASELINE (STA. 0+00)

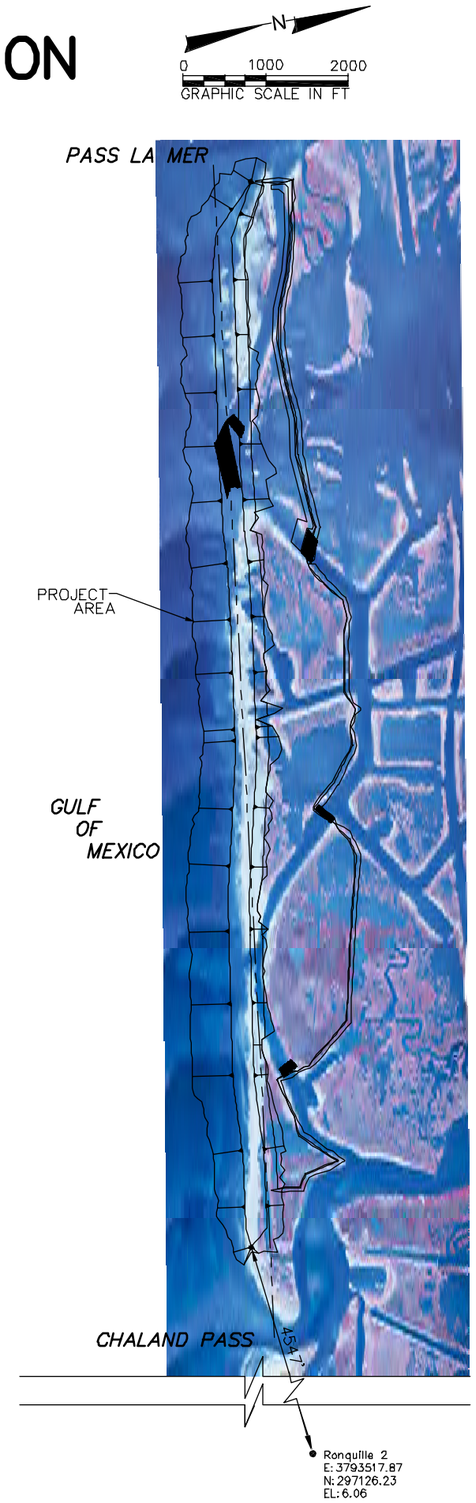
PI	EASTING	NORTHING
CG01	3774831.3	299096.3
CG02	3775311.7	299037.2
CG03/PLM3	3775792.0	298978.1
CG04	3776272.4	298919.0
CG05	3776752.7	298859.9
CG06/PLM4	3777233.0	298800.8
CG07	3777713.4	298741.7
CG08	3778193.7	298682.6
CG09/PLM5	3778674.0	298623.5
CG10	3779154.4	298564.4
CG11	3779634.7	298505.3
CG12/PLM6	3780115.0	298446.2
CG13	3780595.4	298387.1
CG14	3781075.7	298328.0
CG15/PLM7	3781556.0	298268.9
CG16	3782036.7	298209.7
CG17	3782517.4	298150.6
CG18/PLM8	3782998.0	298091.4
CG18A	3783309.6	298053.1
CG19	3783478.3	298032.3
CM38	3783718.5	298002.8
CG20	3783958.6	297973.2
CM40	3784198.9	297943.7
CG21/PLM9	3784439.0	297914.1
CM42	3784679.2	297884.6
CG22	3784919.3	297855.0
CM44	3785159.5	297825.5
CG23	3785399.7	297796.0
CM46	3785639.9	297766.4
CG24/PLM10	3785880.0	297736.8
CM48	3786120.2	297707.3
CG25	3786360.4	297677.8
CG25A	3786682.0	297638.2
CG26	3786840.7	297618.7
CG27/PLM11	3787321.0	297559.5
CG28	3787801.1	297500.4
CG28A	3787940.8	297483.3
CG28B	3788106.4	297462.9
CG29	3788281.2	297441.4
CG30/PLM12	3788761.3	297382.3
CG31	3789241.5	297323.2
CG32	3789721.5	297264.2
CG33	3790201.6	297205.1

State Plane, NAD83, Louisiana South – 1702, NAVD 1988, U.S. Survey Feet

NOTE:
PI MARKERS WITH ELEVATIONS TO BE SET AND MAINTAINED DURING CONSTRUCTION BY CONTRACTOR.

NO.	TITLE
1	COVER SHEET
2	GENERAL NOTES
3	OFFSHORE INFRASTRUCTURE PLAN VIEW
4–5	PROJECT PLAN VIEWS
6	QUATRE BAYOU BORROW AREA BATHYMETRY
7	QUATRE BAYOU BORROW AREA ELEVATION OF SILT/CLAY–SAND INTERFACE CONTOUR MAP
8	QUATRE BAYOU BORROW AREA BOTTOM ELEVATION OF SAND CONTOUR MAP
9	QUATRE BAYOU BORROW AREA CROSS SECTIONS
10–24	CROSS SECTIONS
25–30	OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS
31	CROSS SECTION DETAILS
32	SAND FENCING & SIGN DETAILS
33	SETTLEMENT PLATE DETAIL
34	D–1 BORROW AREA BATHYMETRY
35	D–1 BORROW AREA ELEVATION OF SILT/CLAY–SAND INTERFACE CONTOUR MAP
36	D–1 BORROW AREA BOTTOM ELEVATION OF SAND CONTOUR MAP
37–38	D–1 BORROW AREA CROSS–SECTIONS





TETRA TECH, INC.

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No.	Date	Description
1	3/28/14	ADDED PROFILE LINES

Reference Files: Roadway/Alignment

Designed by: GT
Drawn by: TR
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00

CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT
COVER SHEET

DRAWING NO.
CS

SHEET 1 OF 38

GENERAL NOTES:

1. THE PROJECT AREA IS USED AS A NESTING AREA BY PROTECTED BIRD SPECIES. AT A MINIMUM THE CONTRACTOR PATROL THE BEACH TWICE DAILY TO INDENTIFY ANY NESTING BIRDS FROM INITIATION OF THE PROJECT THROUGH SEPTEMBER 15, 2005. CONTRACTOR REQUIREMENTS REGARDING BIRD NESTING ARE PROVIDED IN SECTION 7 OF THE ENVIRONMENTAL PROTECTION PROVISIONS.

2. LOCATION OF INFRASTRUCTURE (WELLHEADS, PIPELINES, ETC.) ARE FOR INFORMATIONAL PURPOSES ONLY TO DEMONSTRATE COMPLEXITY OF AREA. CONTRACTOR SHALL CONFIRM LOCATIONS.

3. UPON COMPLETION OF THIS PROJECT, THE PRIMARY DIKES SHALL BE LEFT IN PLACE BY THE CONTRACTOR. THE CONTRACTOR SHALL EXERCISE CARE TO MAINTAIN THE PRIMARY DIKES AT THE DESIGN ELEVATIONS DURING THE PROJECT AND SHALL PREVENT ANY BREACHES OF THE DIKES FOR THE DURATION OF THIS PROJECT.

4. BEACH AND DUNE FILL SHALL NOT EXCEED A SILT CONTENT OF 15% WITH A MINIMUM MEAN GRAIN SIZE OF 0.09 mm AS MEASURED ON THE BEACH FOLLOWING PLACEMENT.

5. THE CONTRACTOR SHALL NOTE THAT BAYS, WATER BOTTOMS, CREEKS AND PONDS IN THE VICINITY OF THE PROJECT MAY INCLUDE NUMEROUS PUBLICLY-ISSUED AND PRIVATELY-ISSUED LEASES FOR THE CULTIVATION AND HARVEST OF COMMERCIAL FISHERY RESOURCES. THE LOCATION OF PUBLICLY-ISSUED OYSTER LEASES IN THE VICINITY OF THE PROJECT IS DEPICTED IN APPENDIX 2 OF THE ENVIRONMENTAL PROTECTION SPECIFICATIONS. THE CONTRACTOR SHALL CONDUCT ALL ASPECTS OF ITS OPERATIONS TO AVOID ANY AND ALL IMPACTS TO SUCH LEASES.

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C.O.A. LA #2531

No.	Date	Description
1	5/02/05	ADD NOTE #5

Reference Files: BORDER(CHALAND).DWG

Designed by: GT
Drawn by: RDO
Date: 5/24/06
Plot Scale: NONE

Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

GENERAL NOTES

DRAWING NO.

GN

SHEET 2 OF 33

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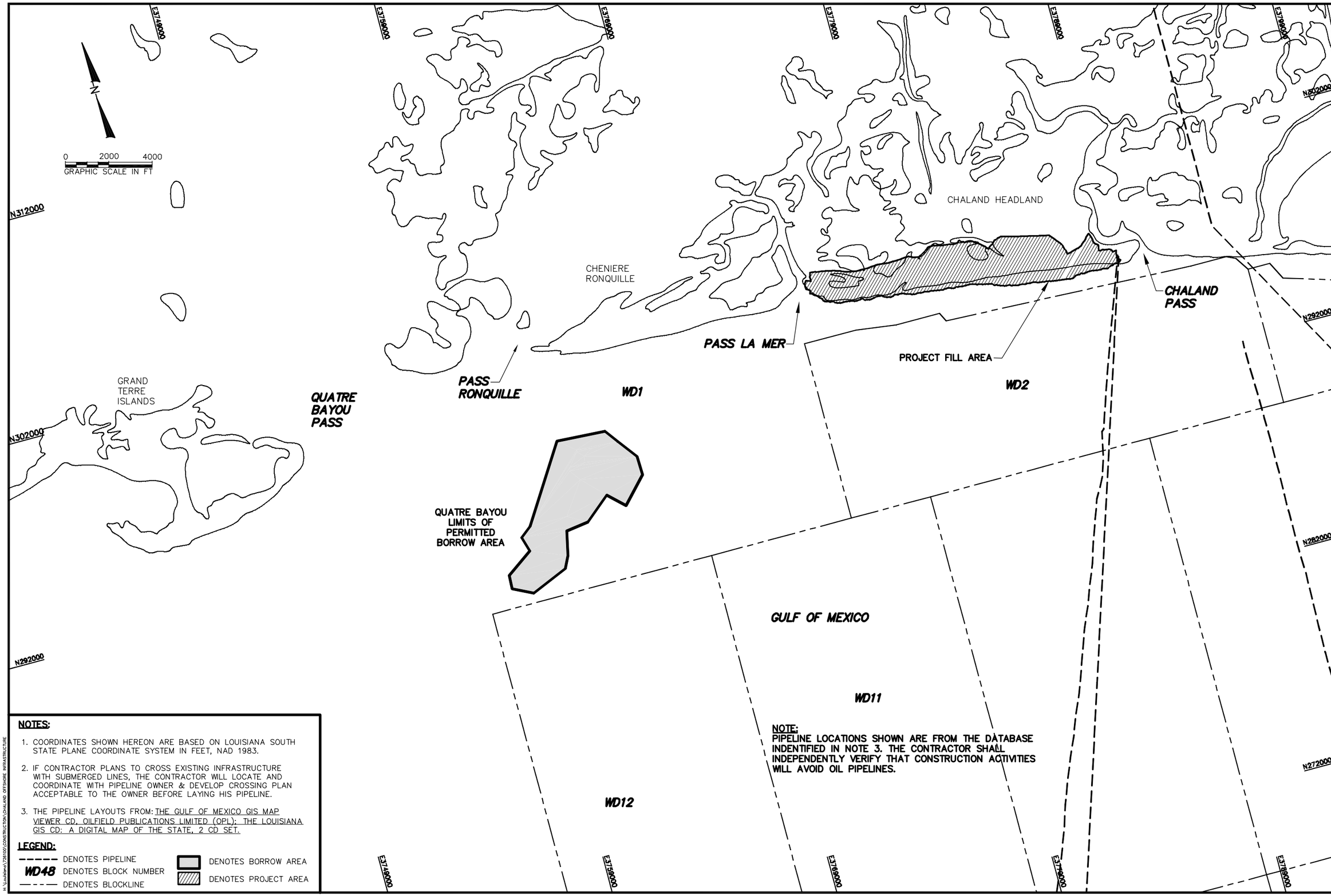

NOTE:
PIPELINE LOCATIONS SHOWN ARE FROM THE DATABASE INDENTIFIED IN NOTE 3. THE CONTRACTOR SHALL INDEPENDENTLY VERIFY THAT CONSTRUCTION ACTIVITIES WILL AVOID OIL PIPELINES.

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
3. THE PIPELINE LAYOUTS FROM: THE GULF OF MEXICO GIS MAP VIEWER CD, OILFIELD PUBLICATIONS LIMITED (OPL); THE LOUISIANA GIS CD: A DIGITAL MAP OF THE STATE, 2 CD SET.

LEGEND:

- DENOTES PIPELINE
- WD48 DENOTES BLOCK NUMBER
- DENOTES BLOCKLINE
- DENOTES BORROW AREA
- DENOTES PROJECT AREA

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No.	Date	Description

Designed by: CJ
Drawn by: TR
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: CJ
Submitted by: CJ
Comm. No.: 7261.00

Reference Files: BORDER/CHALAND.dwg Bathy.DWG

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

OFFSHORE INFRASTRUCTURE PLAN VIEW

DRAWING NO.
LO-1
SHEET 3 OF 33

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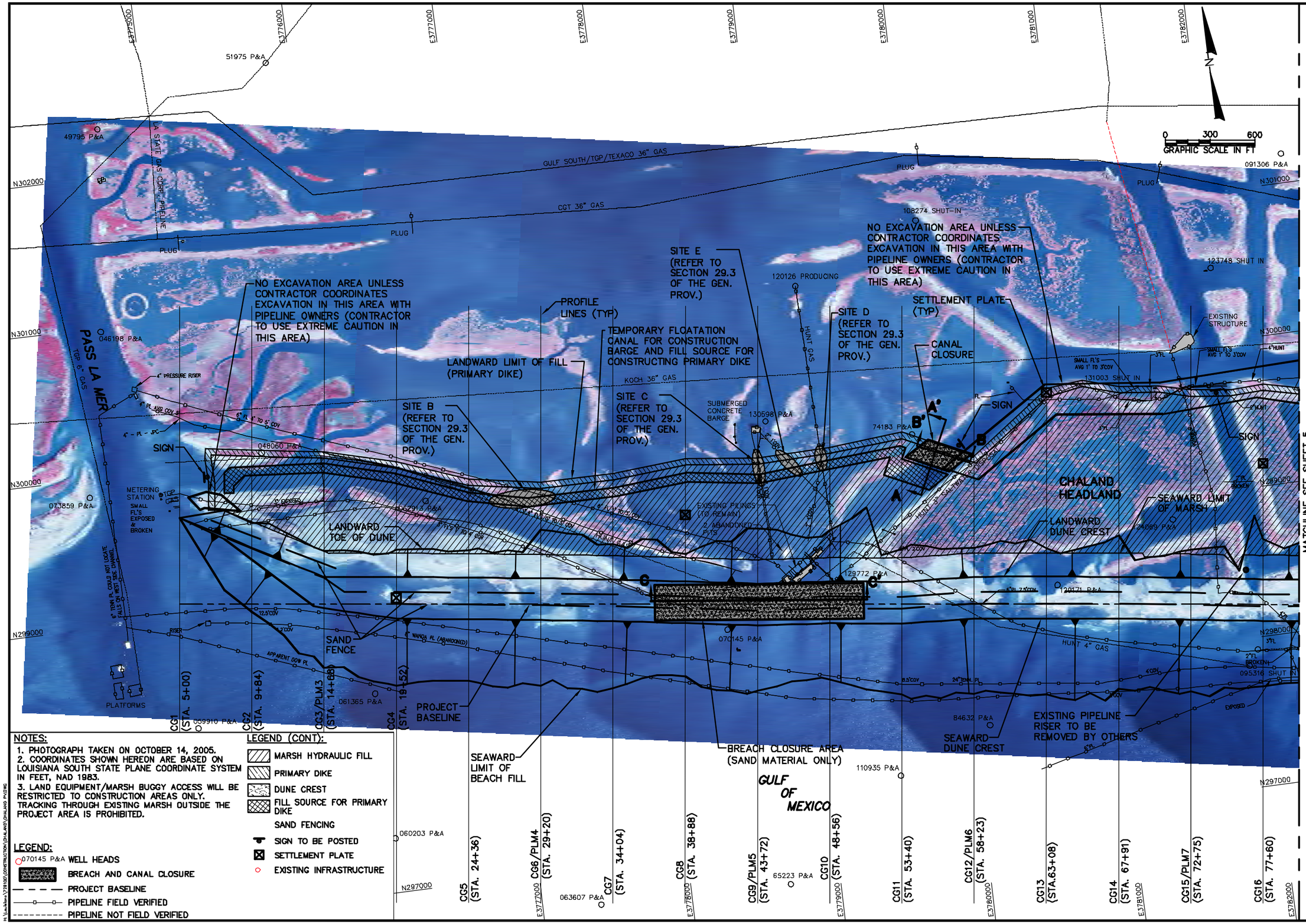

NOTES:

1. PHOTOGRAPH TAKEN ON OCTOBER 14, 2005.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.

LEGEND:

- 070145 P&A WELL HEADS
- BREACH AND CANAL CLOSURE
- PROJECT BASELINE
- PIPELINE FIELD VERIFIED
- PIPELINE NOT FIELD VERIFIED

LEGEND (CONT):

- MARSH HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE
- SAND FENCING
- SIGN TO BE POSTED
- SETTLEMENT PLATE
- EXISTING INFRASTRUCTURE

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No.	Date	Description
1	5/4/06	PIPELINE MOSS & SITE LOCATIONS
2	4/3/06	UPDATED PROFILES WITH STATION NUMBERS
3	5/24/06	UPDATED FILL PLAN LAYOUT
4	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

Designed by: GT
Checked by: AB
Drawn by: TR
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7261.00
Reference Files: BORDER/CHALAND.DWG

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

PLAN VIEW

DRAWING NO.

PV-1

SHEET 4 OF 33

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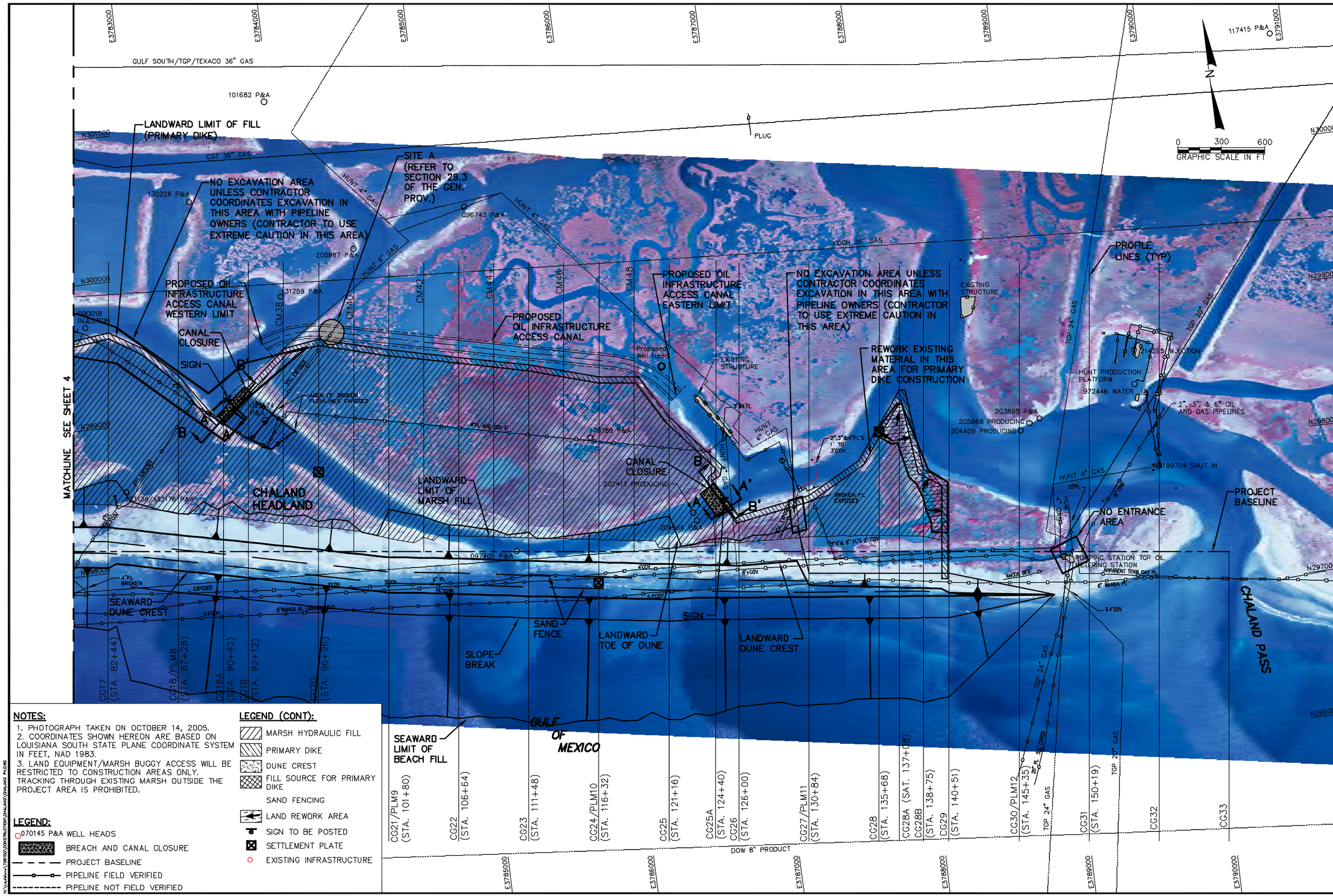

NOTES:

1. PHOTOGRAPH TAKEN ON OCTOBER 14, 2005.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.

LEGEND:

- 070145 P&A WELL HEADS
- BREACH AND CANAL CLOSURE
- PROJECT BASELINE
- PIPELINE FIELD VERIFIED
- PIPELINE NOT FIELD VERIFIED

LEGEND (CONT):

- MARSH HYDRAULIC FILL
- PRIMARY DIKE
- DUNE CREST
- FILL SOURCE FOR PRIMARY DIKE
- SAND FENCING
- LAND REWORK AREA
- SIGN TO BE POSTED
- SETTLEMENT PLATE
- EXISTING INFRASTRUCTURE

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No.	Date	Description
1	5/4/06	PIPELINE MOBS & "SITE" LOCATIONS - GT
2	4/3/06	UPDATED PROFILES WITH STATION NUMBERS
3	5/24/06	UPDATED FILL PLAN LAYOUT
4	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

Reference Files: BORGER\CHALAND.DWG

Designed by: GT | Checked by: AB
Drawn by: TR | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No.: 7261.00

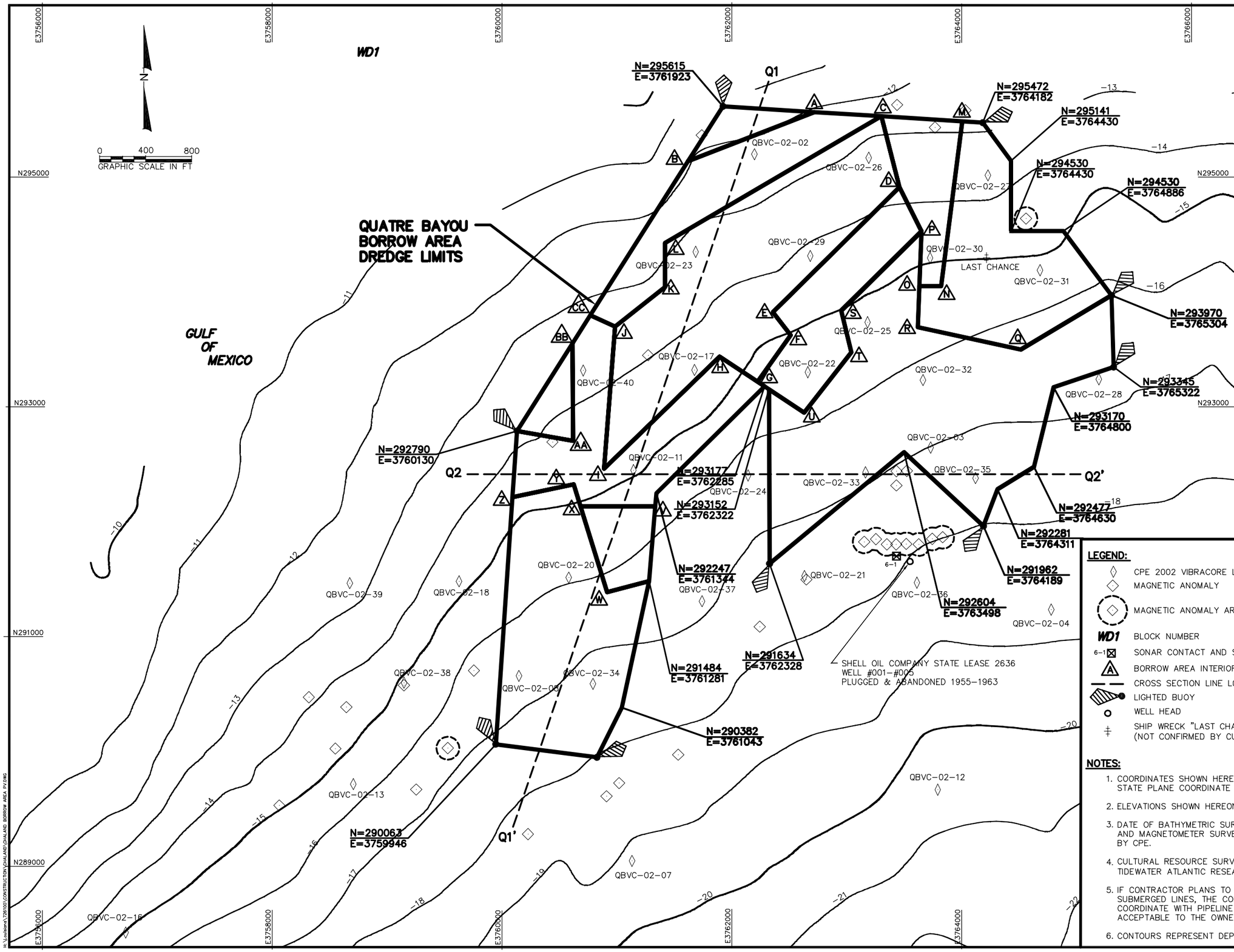
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT

PLAN VIEW

DRAWING NO.

PV-2

SHEET 5 OF 33



BORROW AREA–INTERIOR COORDINATE TABLE

ID	X	Y
A	3762718	295565
B	3761620	295137
C	3763301	295528
D	3763457	294911
E	3762358	293824
F	3762512	293622
G	3762225	293217
H	3761893	293435
I	3760889	292460
J	3760984	293699
K	3761418	294042
L	3761419	294427
M	3764004	295484
N	3763821	294050
O	3763632	294051
P	3763650	294526
Q	3764514	293499
R	3763619	293693
S	3762951	293835
T	3763041	293475
U	3762629	292950
V	3761335	292132
W	3760915	291386
X	3760684	292132
Y	3760624	292324
Z	3760091	292212
AA	3760619	292703
BB	3760614	293552
CC	3760770	293797

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- 6–1 SONAR CONTACT AND SITE REFERENCE NUMBER
- A BORROW AREA INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: AUGUST 6–15TH, 2003 CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23–25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
6. CONTOURS REPRESENT DEPTH OF WATER.

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C.O.A. FL #4028
C.O.A. LA. #2531

No.	Date	Description

Designed by: CJ
Checked by: AB
Drawn by: AMB
Reviewed by: CJ
Date: 5/24/06
Submitted by: CJ
Plot Scale: AS NOTED
Comm. No.: 7281.00

Reference Files: BORDER/CHALAND.DWG Base.DWG BATHYMETRIC.dwg BORROW AREA sandgpoint_p.dwg

CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT

QUATRE BAYOU BORROW AREA
BATHYMETRY

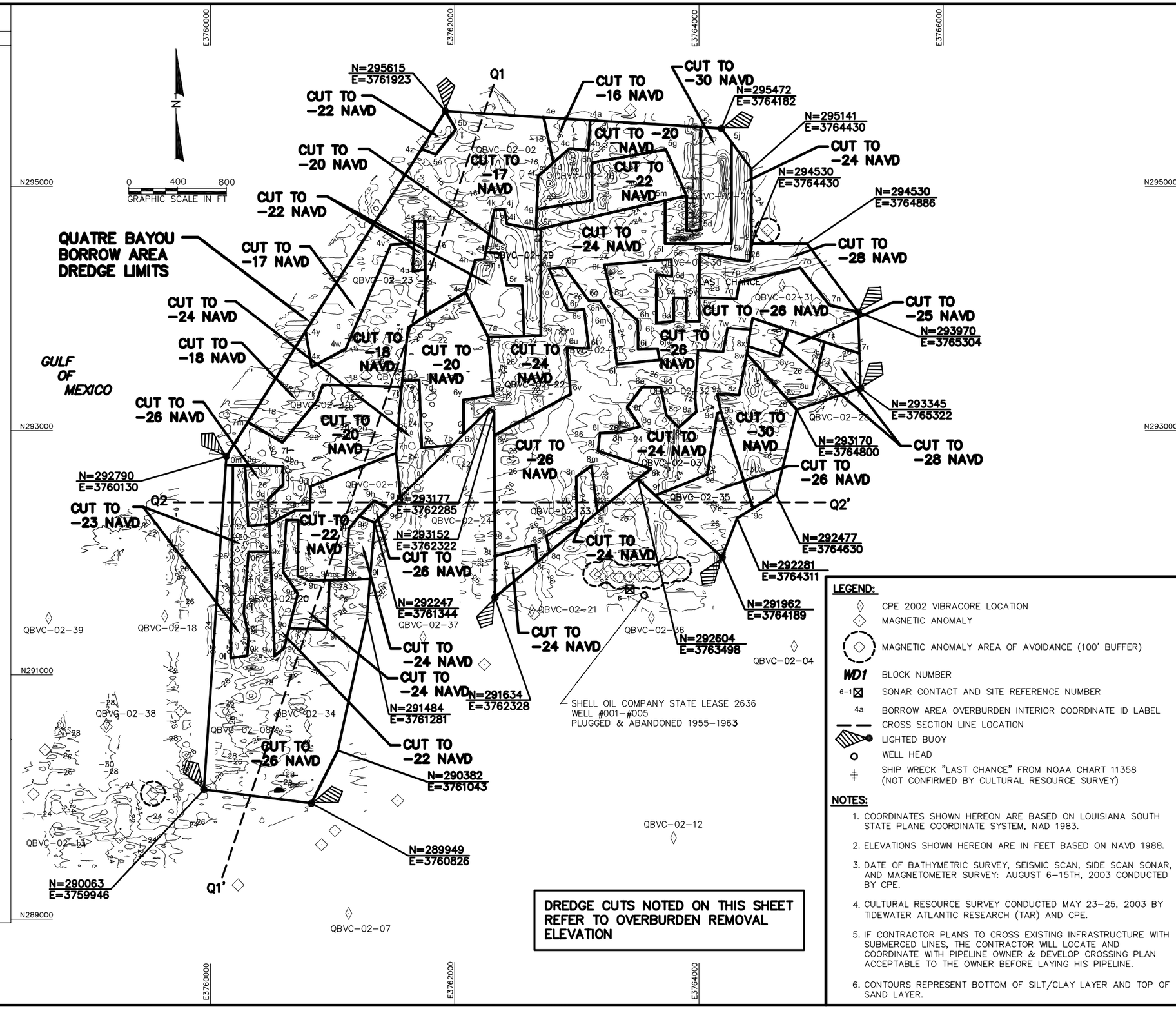
DRAWING NO.
BA–1

SHEET 6 OF 33

H:\Louisiana\7281.00\CONSTRUCTION\CHALAND\CHALAND BORROW AREA PV.DWG

BORROW AREA–INTERIOR COORDINATE TABLE

ID	X	Y	ID	X	Y
4a	3763110	295540	7h	3761520	292816
4b	3763094	295295	7i	3761566	293357
4c	3762939	295307	7j	3760920	293374
4d	3762809	295192	7k	3760872	293242
4e	3762729	295564	7l	3760591	292904
4f	3762682	295080	7m	3760308	293070
4g	3762672	294813	7n	3765069	294027
4h	3762666	294646	7o	3764829	294331
4i	3762426	294693	7p	3764331	294212
4j	3762408	294809	7q	3764307	294078
4k	3762325	294808	7r	3765314	293630
4l	3762253	294459	7s	3765026	293725
4m	3762241	294402	7t	3764726	293824
4n	3762168	294395	7u	3764440	293919
4o	3762090	294133	7v	3764422	293827
4p	3761757	293935	7w	3764233	293839
4q	3761757	294316	7x	3764197	293645
4r	3761757	294711	7y	3763992	293658
4s	3761672	294710	7z	3763967	293267
4t	3761666	294536	8a	3763977	293154
4u	3761655	294302	8b	3763833	293027
4v	3761476	294522	8c	3763733	293126
4w	3761107	293669	8d	3763688	293355
4x	3760831	293519	8e	3763534	293353
4y	3760778	293811	8f	3763413	293191
4z	3761727	295306	8g	3763516	293031
5a	3761845	295260	8h	3763329	292983
5b	3762007	295466	8i	3763188	292981
5c	3764013	295483	8j	3763172	292834
5d	3764014	294641	8k	3763607	292688
5e	3763898	294633	8l	3763168	292331
5f	3763898	294922	8m	3763119	292712
5g	3763727	295300	8n	3762995	292621
5h	3763125	295193	8o	3763000	292285
5i	3763120	294888	8p	3762749	292135
5j	3764265	295361	8q	3762776	292005
5k	3764265	294529	8r	3762672	291919
5l	3763723	294529	8s	3762663	292070
5m	3763723	294883	8t	3762327	291972
5n	3762703	294652	8u	3764923	293298
5o	3762703	293779	8v	3764725	293257
5p	3762567	293775	8w	3764392	293629
5q	3762551	294186	8x	3764402	293689
5r	3762427	294187	8y	3764658	293606
5s	3762373	294448	8z	3764327	293293
5t	3764412	294383	9a	3764148	293299
5u	3764008	294447	9b	3764182	293151
5v	3763999	294088	9c	3764443	292362
5w	3764004	293894	9d	3764149	293141
5x	3763895	293894	9e	3764066	292638
5y	3763898	294085	9f	3763642	292470
5z	3763790	294087	9g	3761462	292363
6a	3763792	293891	9h	3761359	292421
6b	3763651	293881	9i	3761216	292298
6c	3763649	294275	9j	3761134	292195
6d	3763777	294263	9k	3761105	291779
6e	3763772	294400	9l	3761306	291786
6f	3763223	294355	9m	3760976	291776
6g	3763290	294079	9n	3760955	291371
6h	3763498	293896	9o	3760644	291381
6i	3763500	293665	9p	3760715	291663
6j	3763661	293670	9q	3760595	291844
6k	3763677	293579	9r	3760622	292269
6l	3763327	293543	9s	3760720	292267
6m	3763282	293930	9t	3760715	291811
6n	3763191	294060	9u	3760804	291773
6o	3763102	294059	9v	3760603	291218
6p	3762899	294338	9w	3760526	291154
6q	3762771	294324	9x	3760491	292010
6r	3762924	293986	9y	3760482	292233
6s	3763058	293990	9z	3760309	292218
6t	3763098	293670	0a	3760282	292713
6u	3762916	293678	0b	3760592	292708
6v	3762948	293298	0c	3760594	292556
6w	3762324	292958	0d	3760472	292438
6x	3762072	292967	0e	3760693	292347
6y	3762072	293251	0f	3760814	292347
6z	3762315	293290	0g	3760821	292544
7a	3762275	293765	0h	3760312	292008
7b	3761984	292880	0i	3760272	291505
7c	3761731	292858	0j	3760313	291322
7d	3761710	293412	0k	3760302	291158
7e	3761571	293408	0l	3760165	291138
7f	3761620	293842	0m	3760184	292715
7g	3761555	292456			



DREDGE CUTS NOTED ON THIS SHEET REFER TO OVERBURDEN REMOVAL ELEVATION

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 — BLOCK NUMBER
- 6–1 — SONAR CONTACT AND SITE REFERENCE NUMBER
- 4a — BORROW AREA OVERBURDEN INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: AUGUST 6–15TH, 2003 CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23–25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
6. CONTOURS REPRESENT BOTTOM OF SILT/CLAY LAYER AND TOP OF SAND LAYER.

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No.	Date	Description
1	4/7/04	MAX DREDGE CUTS REPLACED WITH WD1
2	6/9/05	REMOVAL DREDGE CUTS REVISED –38 CUT DEPTH TO –36 CUT DEPTH

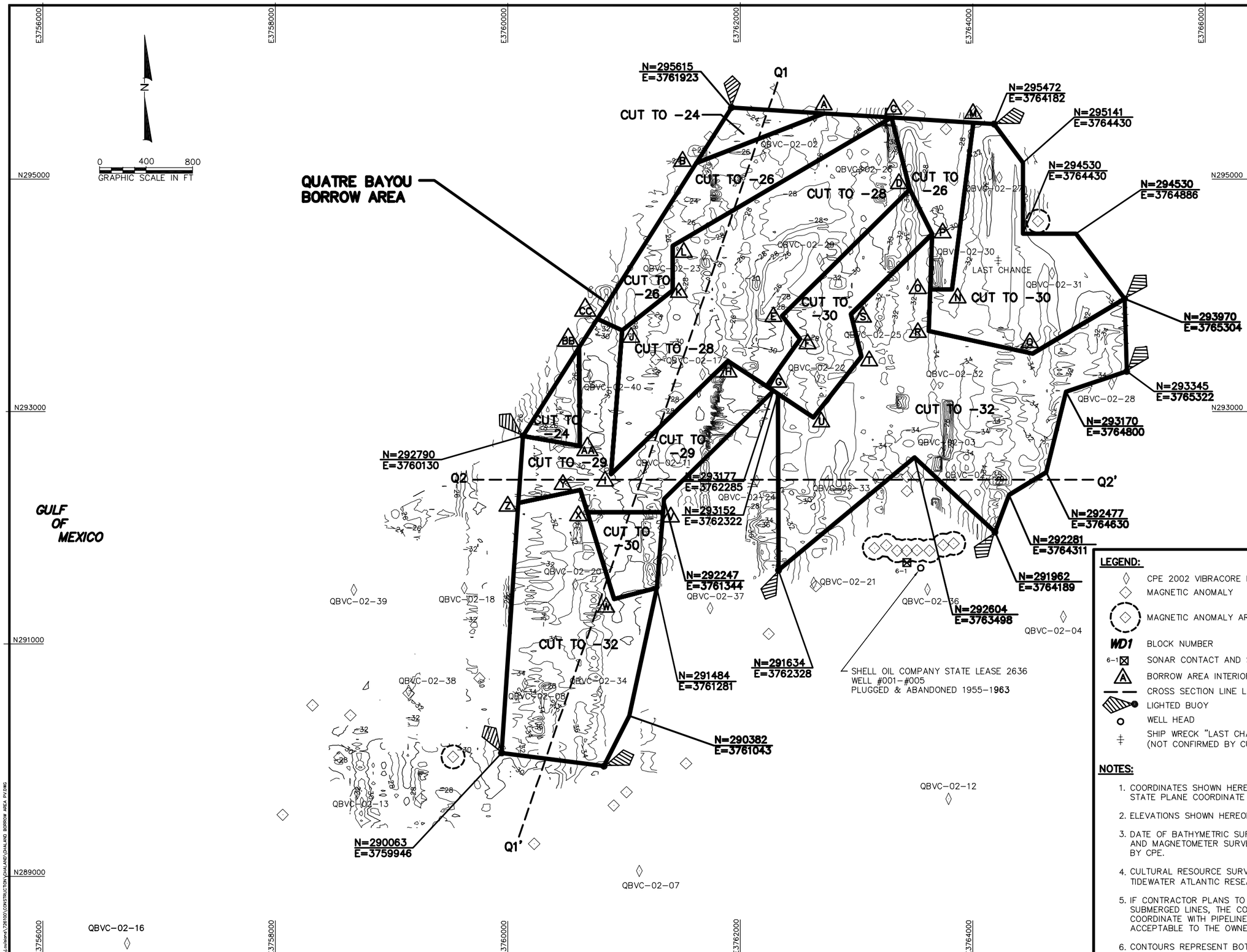
Designed by: CJ
Drawn by: XXX
Date: 5/24/06
Checked by: MJ
Reviewed by: GT
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7281.00

Reference Files: BORROW AREA.DWG, BORROW AREA INTERIOR.DWG, Base.DWG, BATHYMETRIC.dwg, Bathymetry.dwg, sandpoint_p.dwg

CHALAND HEADLAND RESTORATION (BA–38–2)
CWPPRA PROJECT
QUATRE BAYOU BORROW AREA
ELEVATION OF SILT/CLAY – SAND INTERFACE CONTOUR MAP

DRAWING NO.
BA–2

H:\Louisiana\7281.00\CONSTRUCTION\CHALAND\CHALAND BORROW AREA PV.DWG



BORROW AREA-INTERIOR COORDINATE TABLE

ID	X	Y
A	3762718	295565
B	3761620	295137
C	3763301	295528
D	3763457	294911
E	3762358	293824
F	3762512	293622
G	3762225	293217
H	3761893	293435
I	3760889	292460
J	3760984	293699
K	3761418	294042
L	3761419	294427
M	3764004	295484
N	3763821	294050
O	3763632	294051
P	3763650	294526
Q	3764514	293499
R	3763619	293693
S	3762951	293835
T	3763041	293475
U	3762629	292950
V	3761335	292132
W	3760915	291386
X	3760684	292132
Y	3760624	292324
Z	3760091	292212
AA	3760619	292703
BB	3760614	293552
CC	3760770	293797

LEGEND:

- CPE 2002 VIBRACORE LOCATION
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- WD1 BLOCK NUMBER
- 6-1 SONAR CONTACT AND SITE REFERENCE NUMBER
- BORROW AREA INTERIOR COORDINATE ID LABEL
- CROSS SECTION LINE LOCATION
- LIGHTED BUOY
- WELL HEAD
- SHIP WRECK "LAST CHANCE" FROM NOAA CHART 11358 (NOT CONFIRMED BY CULTURAL RESOURCE SURVEY)

NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: AUGUST 6-15TH, 2003 CONDUCTED BY CPE.
4. CULTURAL RESOURCE SURVEY CONDUCTED MAY 23-25, 2003 BY TIDEWATER ATLANTIC RESEARCH (TAR) AND CPE.
5. IF CONTRACTOR PLANS TO CROSS EXISTING INFRASTRUCTURE WITH SUBMERGED LINES, THE CONTRACTOR WILL LOCATE AND COORDINATE WITH PIPELINE OWNER & DEVELOP CROSSING PLAN ACCEPTABLE TO THE OWNER BEFORE LAYING HIS PIPELINE.
6. CONTOURS REPRESENT BOTTOM OF SAND.

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No.	Date	Description

Designed by: GT | Checked by: AEB
Drawn by: AXX | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No.: 7201.00

Reference Files: Base.DWG, BORROW AREA.DWG, BORDER-CHALAND.DWG, BATHYMETRIC.dwg, sonarpoints.dwg, sonarpoint_p.dwg

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

QUATRE BAYOU BORROW AREA BOTTOM ELEVATION OF SAND CONTOUR MAP

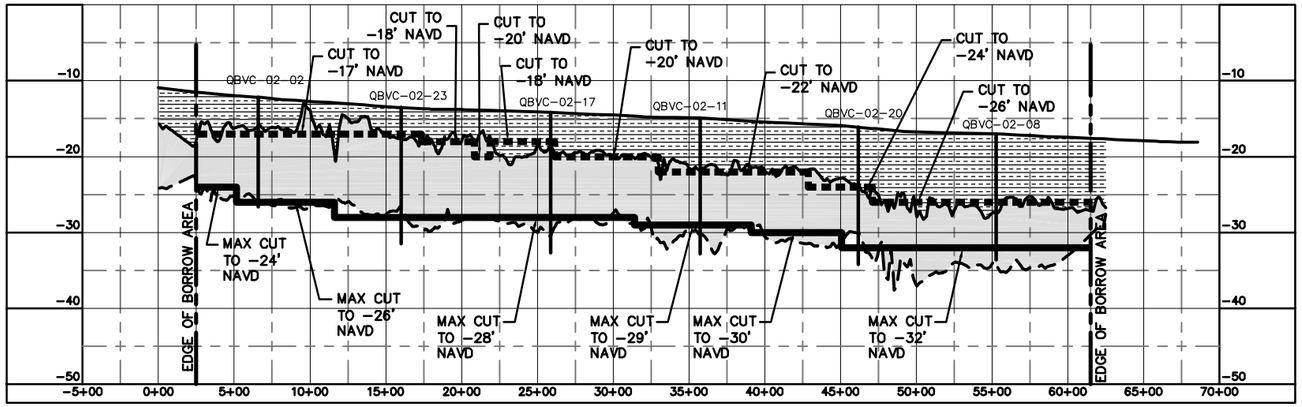
DRAWING NO.

BA-3

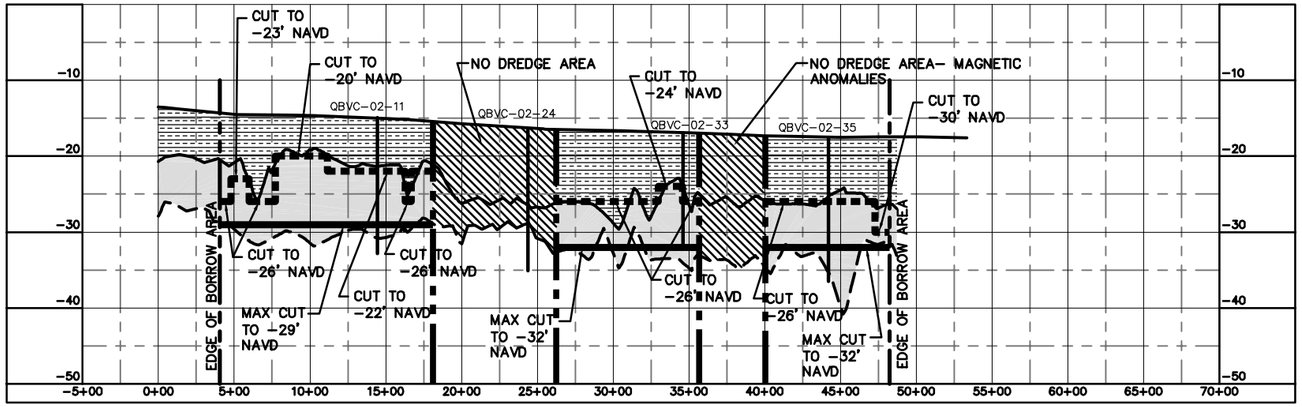
SHEET 8 OF 33

H:\Livingston\120100\CONSTRUCTION\CHALAND\CHALAND BORROW AREA PV.DWG

QUATRE BAYOU BORROW AREA
CROSS SECTION Q1–1'



QUATRE BAYOU BORROW AREA
CROSS SECTION Q2–2'



NOTES:

1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE.
2. VERTICAL THICKNESS OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE SHEETS 6–8 FOR LOCATION OF CROSS SECTION LINES
4. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 88.

LEGEND:

- BEACH COMPATIBLE SEDIMENTS
- SURFACE SILT/CLAY LAYER
- INTERMITTENT ACCOUSTIC REFLECTOR WITHIN SAND DEPOSIT
- OVERBURDEN REMOVAL DREDGE CUTS
- SAND REMOVAL DREDGE CUTS

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No.	Date	Description
1	4/8/04	ADD MUD REMOVAL DREDGE CUTS
2	6/23/05	CORRECTED DEPTH CUT IN CROSS SECTION Q1–1'

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: G
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7281.00
Reference Files: BORROWCHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA–38–2)
CWPPRA PROJECT

QUATRE BAYOU BORROW AREA
CROSS SECTIONS

DRAWING NO.
BA–4

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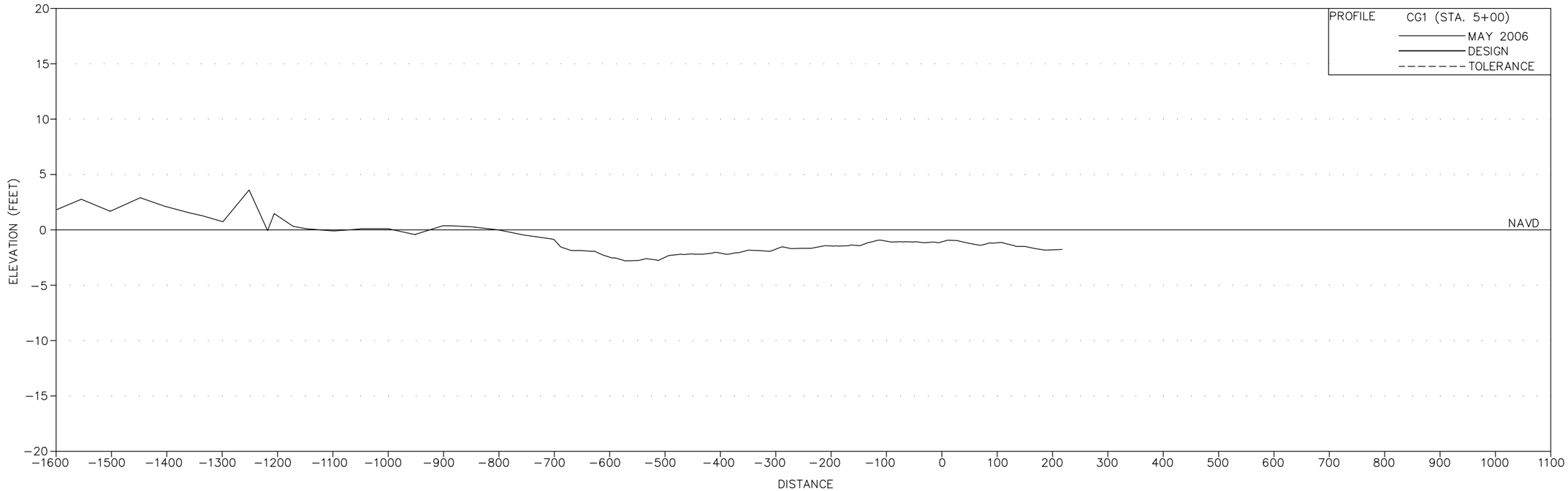

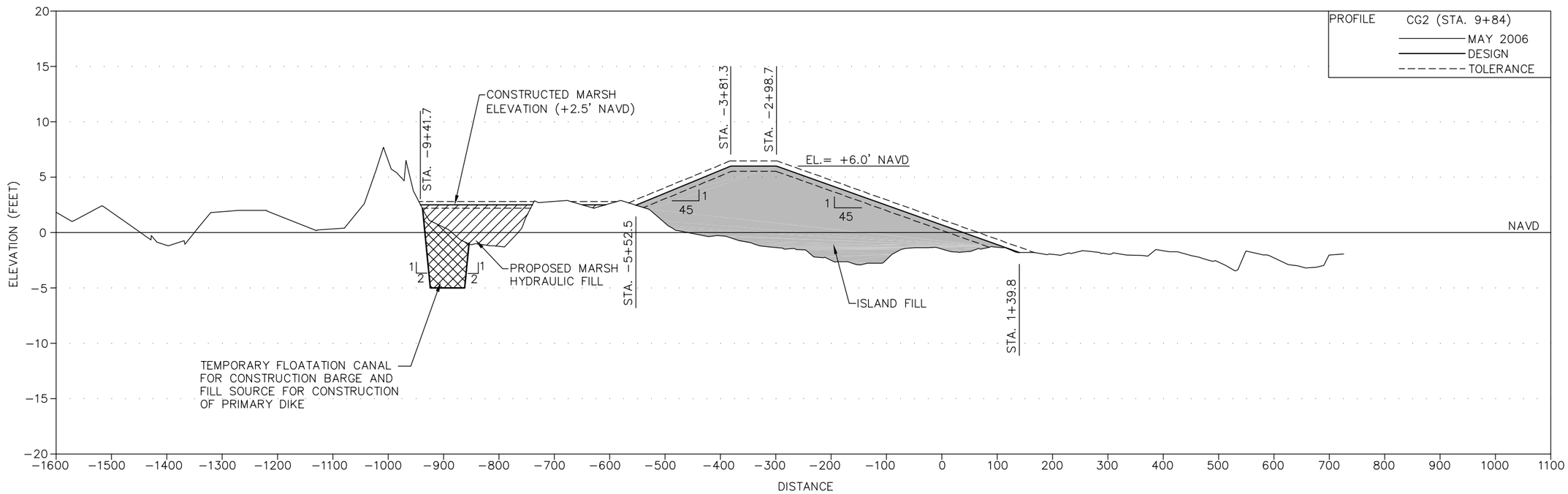

NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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No.	Date	Description
1	5/23/06	ADED JANUARY 2005

Designed by: CT
Drawn by: RDO
Date: 5/24/06
Checked by: AJ
Reviewed by: CT
Submitted by: CT
Plot Scale: AS NOTED
Comm. No.: 7281.00

Reference Files: BORDERCHALAND.DWG

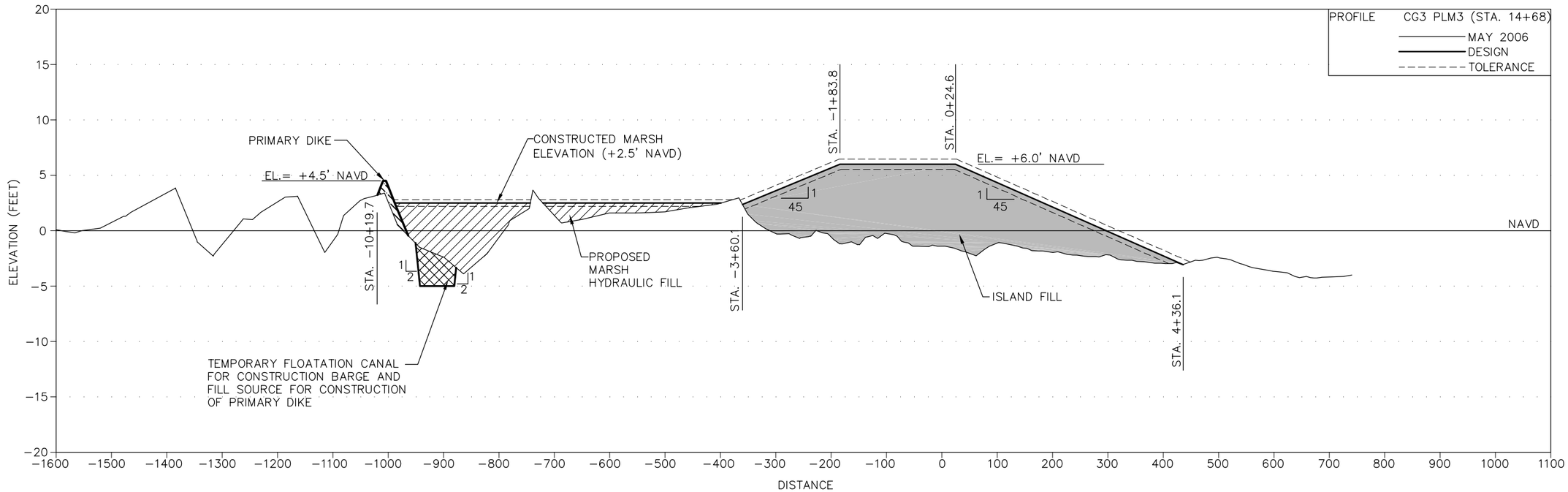
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

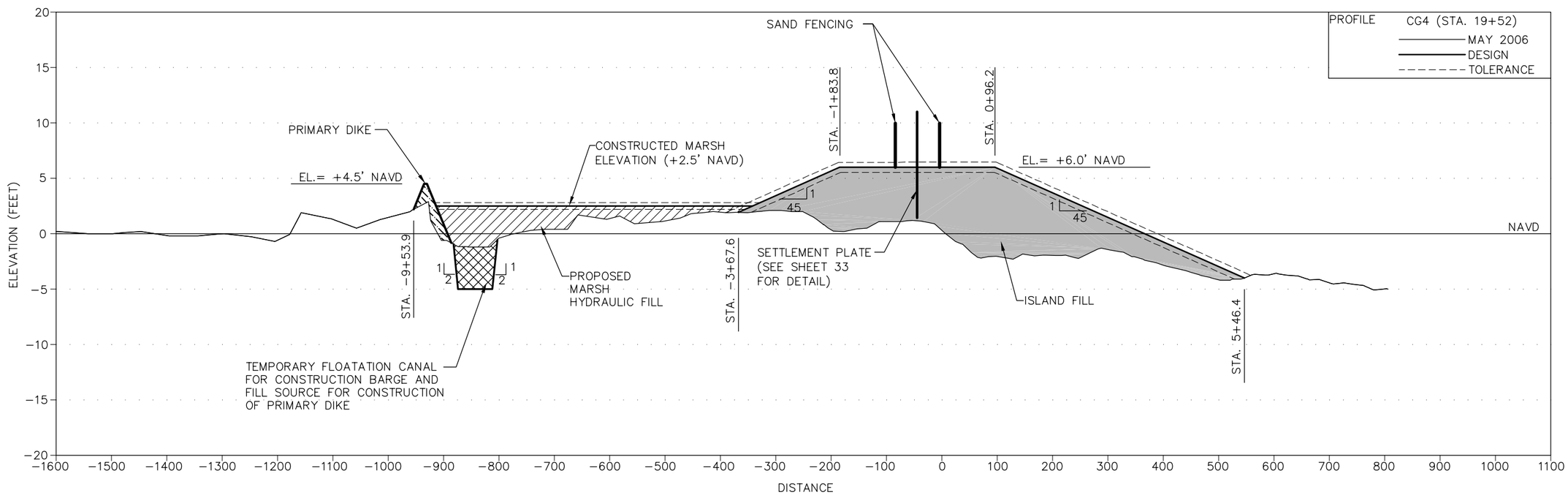
CROSS SECTIONS

DRAWING NO.
XS-1

SHEET 10 OF 33

H:\Julianna\7281.00\CONSTRUCTION\CHALAND\CHALAND X-SECTIONS.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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C.O.A. LA. #2531

No.	Date	Description

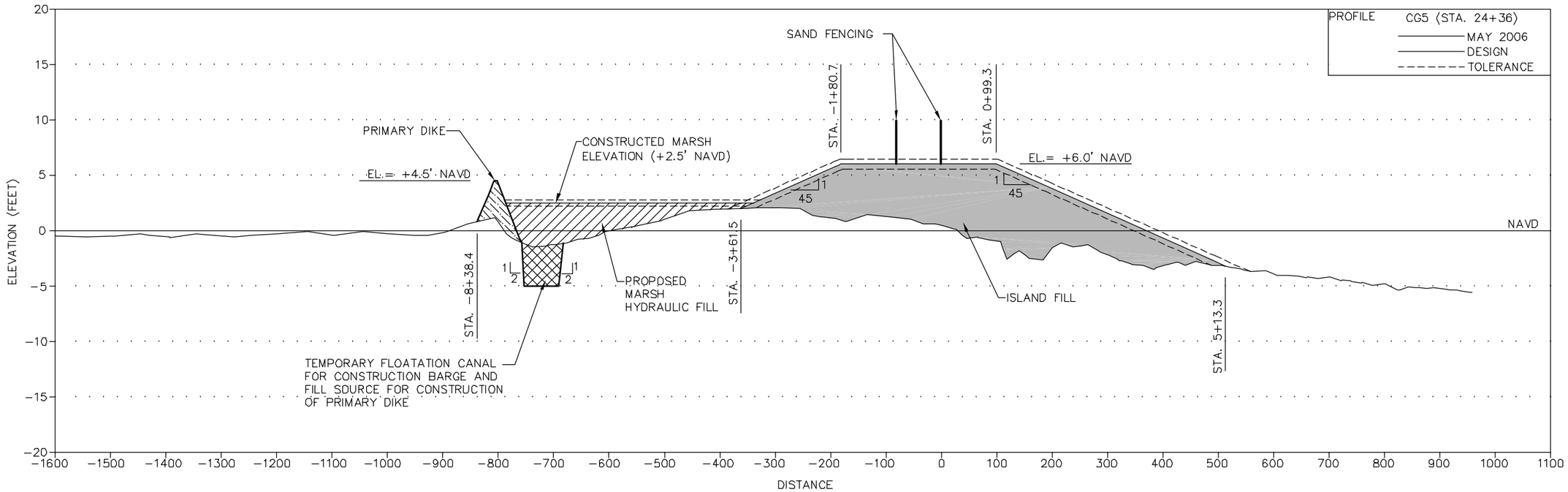
Designed by: GT
Checked by: AS
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No: 7201.00
Reference Files: BYRDEP\CHALAND.DWG

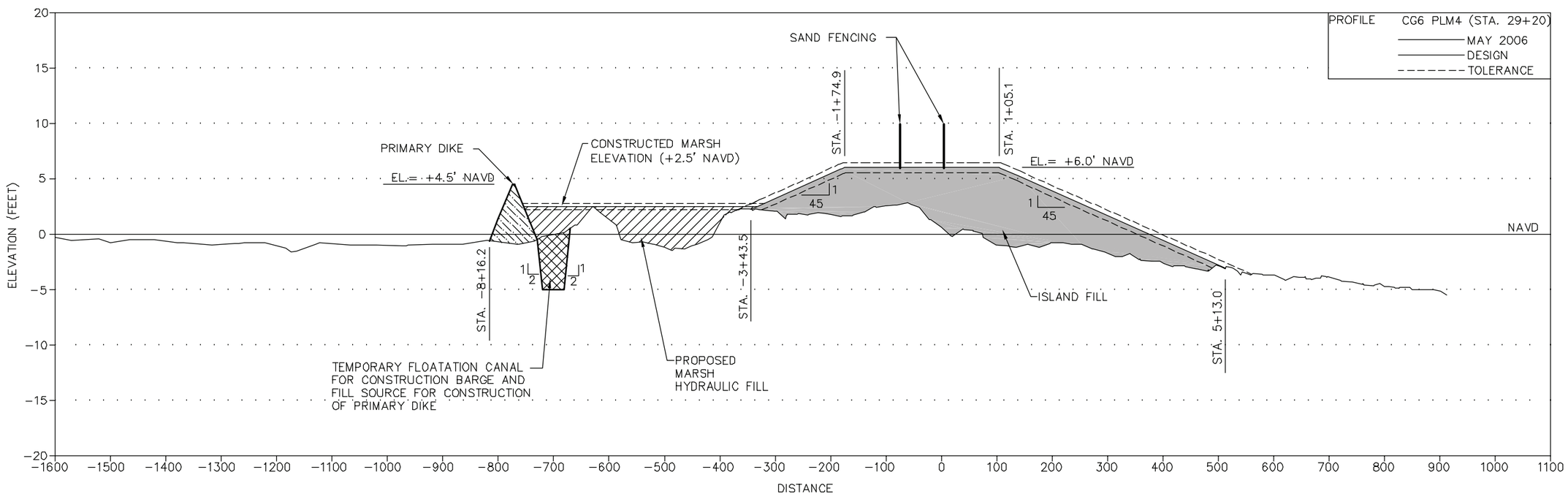
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-2





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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C.O.A. LA #2531

No.	Date	Description

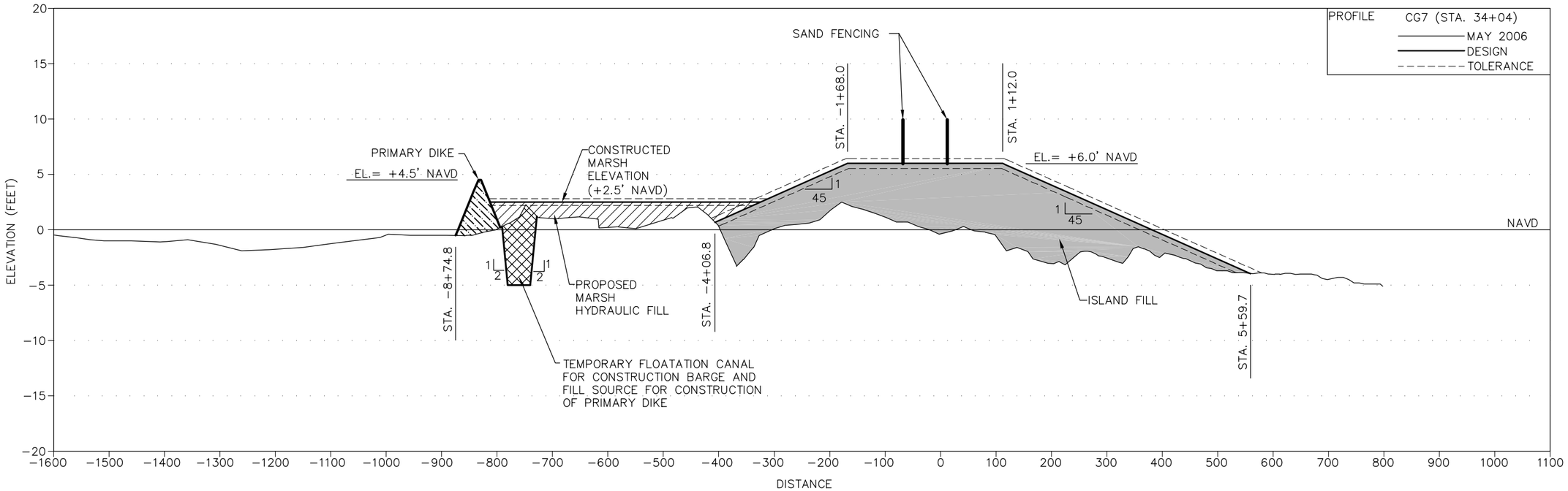
Checked by: AB
Reviewed by: GT
Submitted by: GT
Contr. No: 726.100
Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Reference Files: (XCSECTION-CHALAND.DWG)

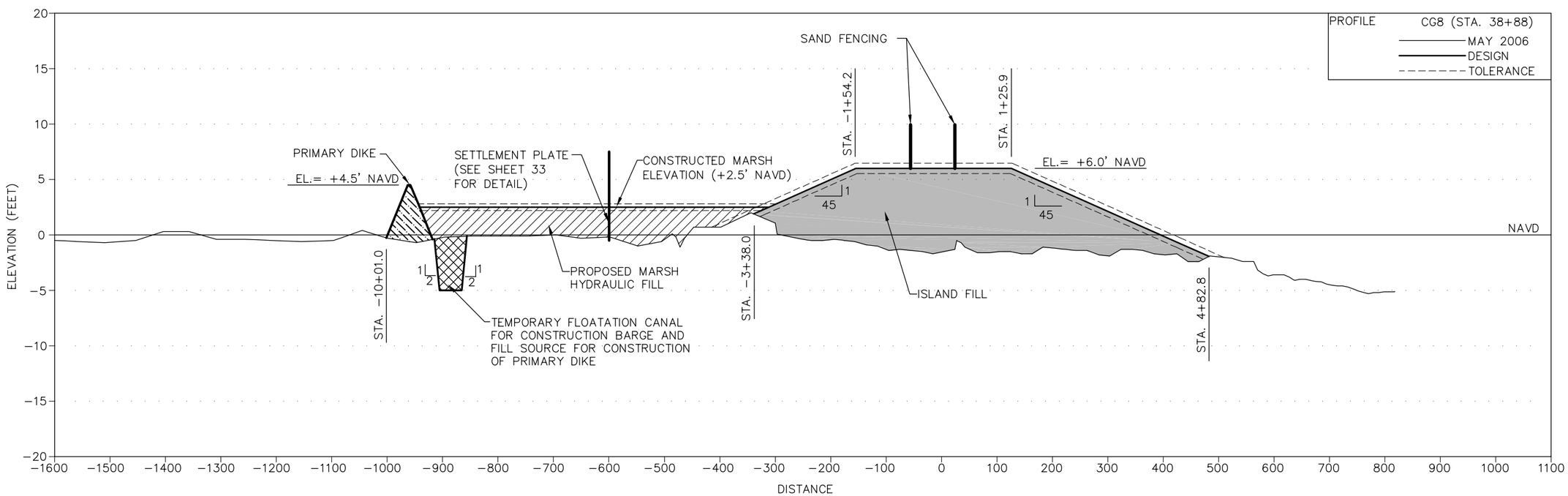
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-3





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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No.	Date	Description

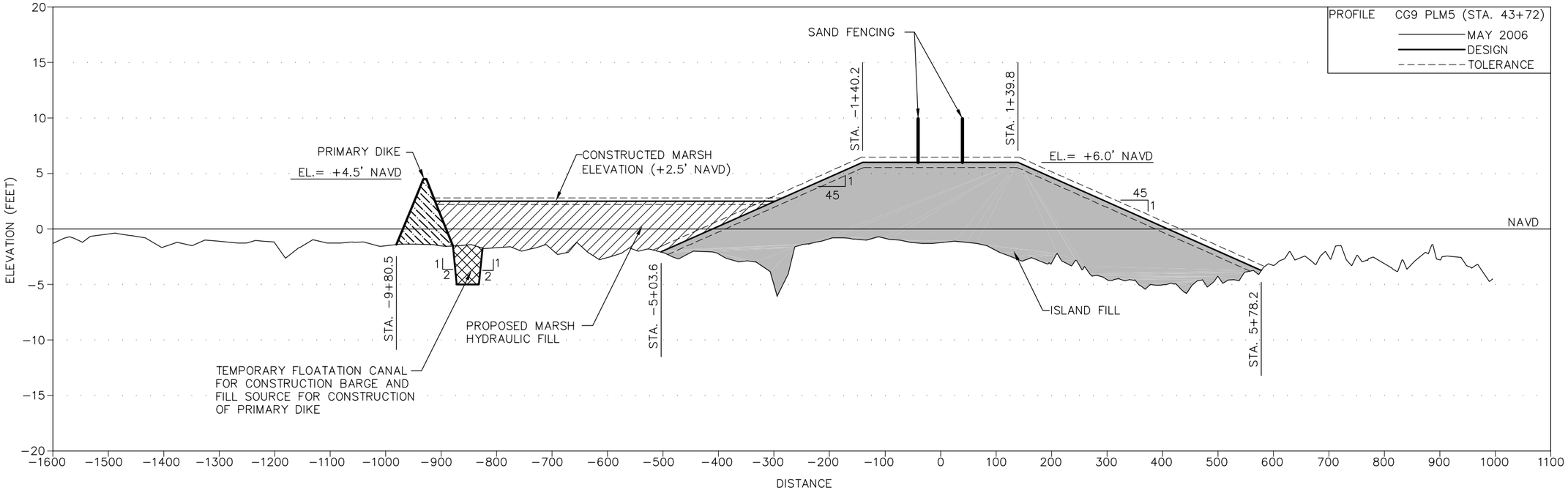
Designed by: GT | Checked by: AB
Drawn by: TW | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No.: 7281.00
Reference Files: BPERSPECHALAND.DWG

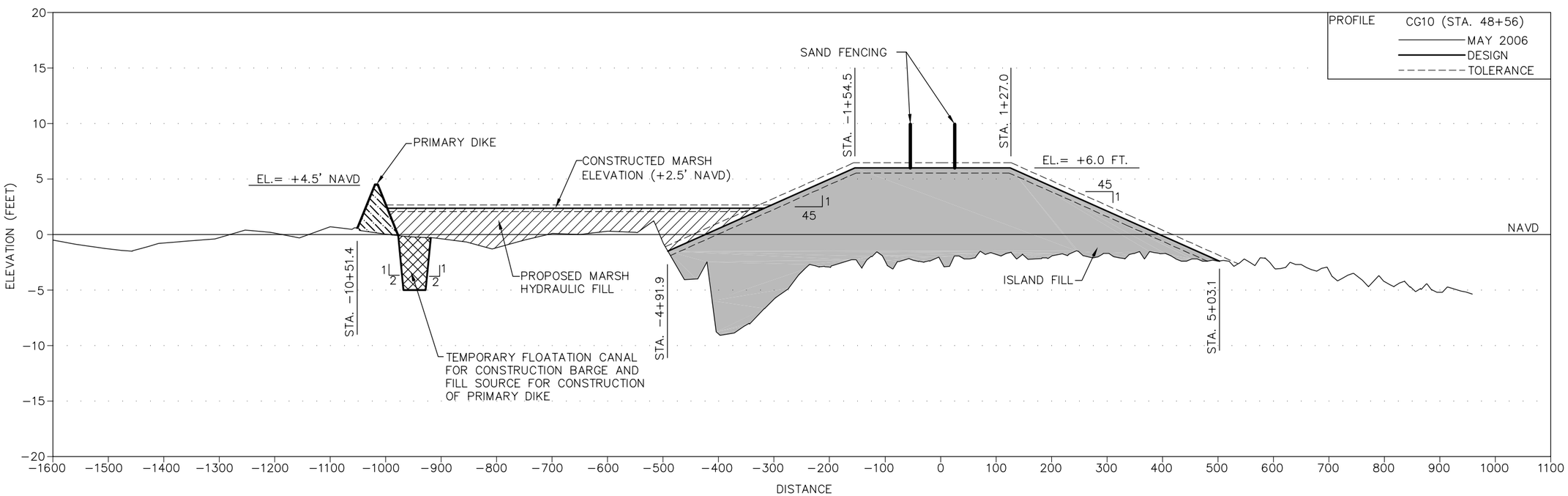
CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-4

H:\Louisiana\7281100\CONSTRUCTION\CHALAND\CHALAND X-SECTIONS.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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No.	Date	Description

Designed by: CJ | Checked by: AB
Drawn by: TW | Reviewed by: CJ
Date: 5/24/06 | Submitted by: CJ
Plot Scale: AS NOTED | Comm. No.: 7281.00
Reference Files: BPERSERCHALAND.DWG

CHALAND HEADLAND RESTORATION (BA-38-2) CWPPRA PROJECT

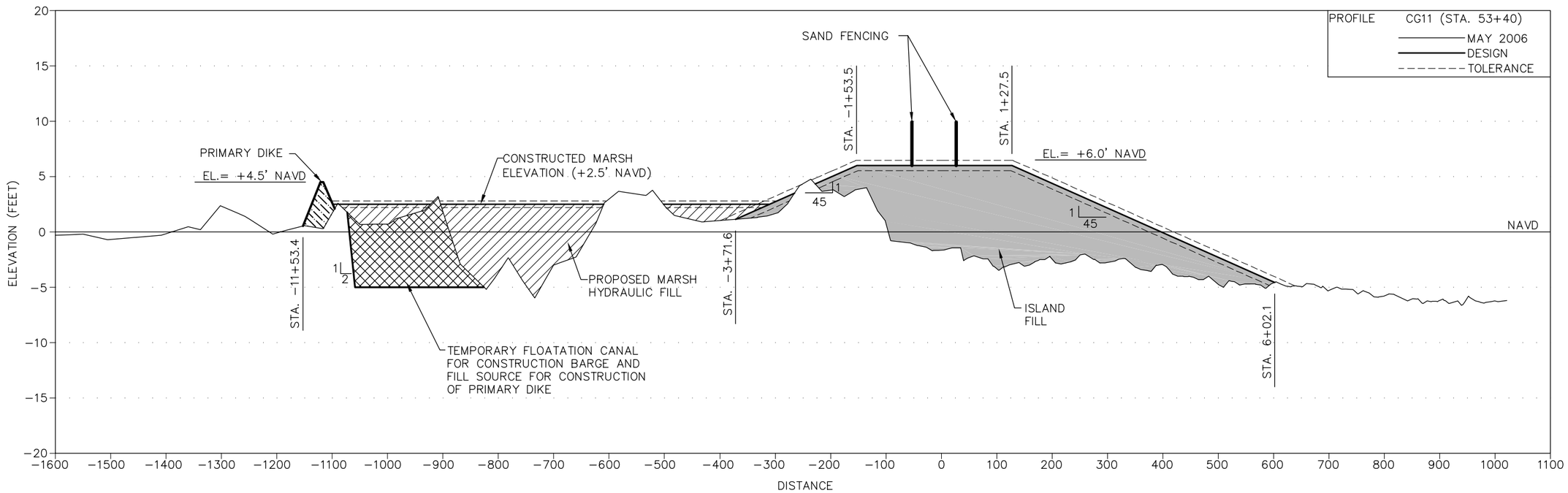
CROSS SECTIONS

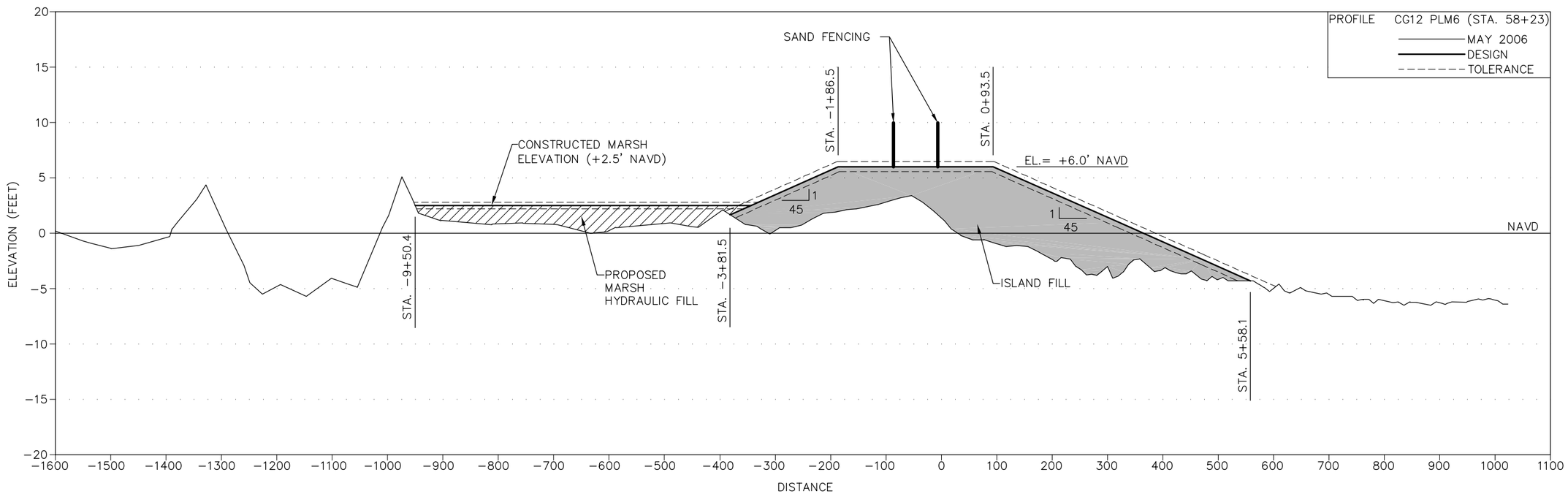
DRAWING NO.

XS-5

SHEET 14 OF 33

H:\Louisiana\7281.00\CONSTRUCTION\CHALAND\CHALAND X-SECTIONS.DWG





NOTES:
1. MARSH FILL TOLERANCE = 0.3 FEET.
2. ISLAND FILL TOLERANCE = 0.5 FEET.

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C.O.A. LA. #2531
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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7201.00

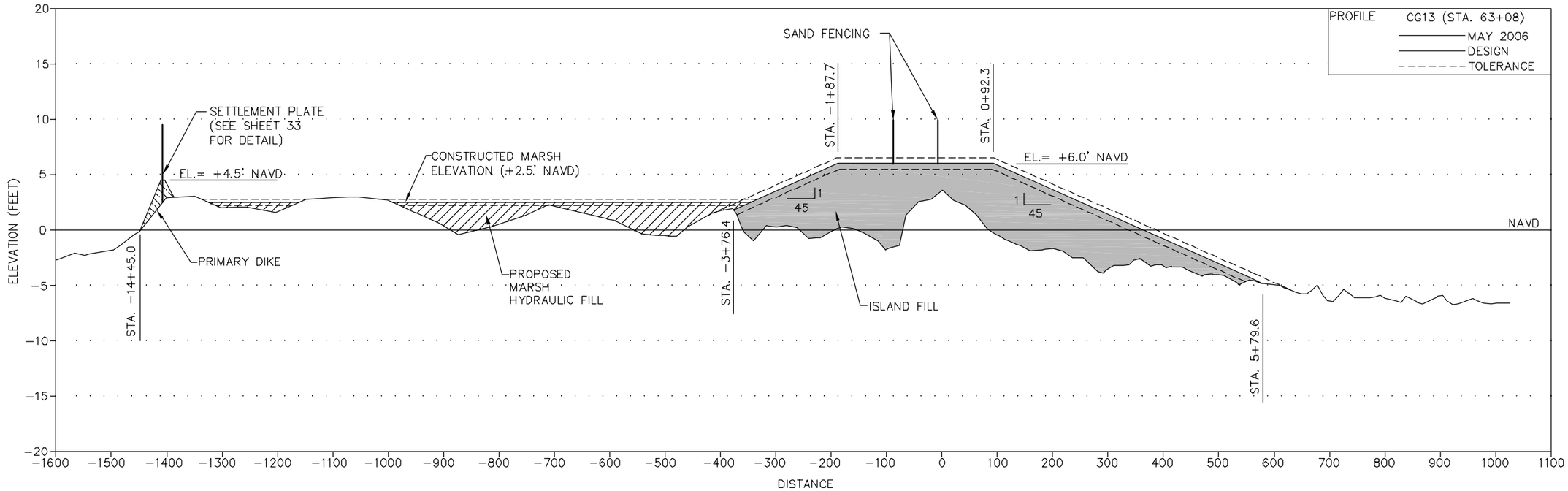
Reference Files: BORDERSHALAND.DWG

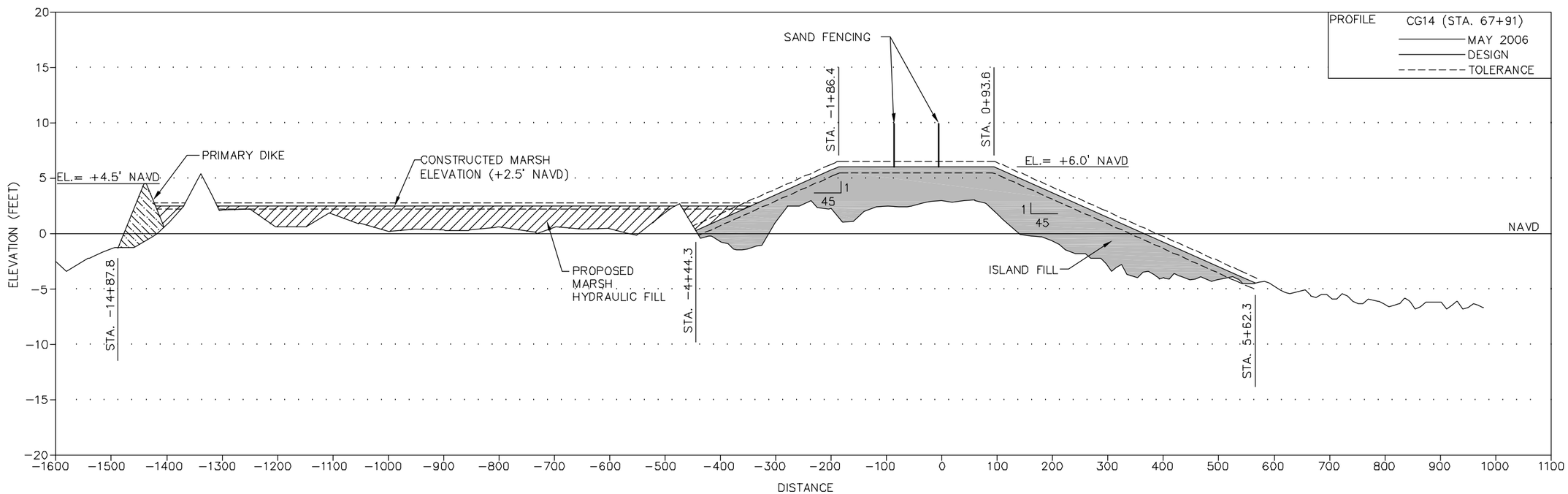
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.
XS-6

H:\Linkings\7201(0)\CONSTRUCTION\CHALAND\CHALAND X-SECTIONS.DWG





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No.	Date	Description
1	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE, SOUTHEAST AND VOLUME REDUCTION.

Reference Files: BWSEETCHALAND.DWG

Designed by: GT | Checked by: AB
Drawn by: TW | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No: 726.100

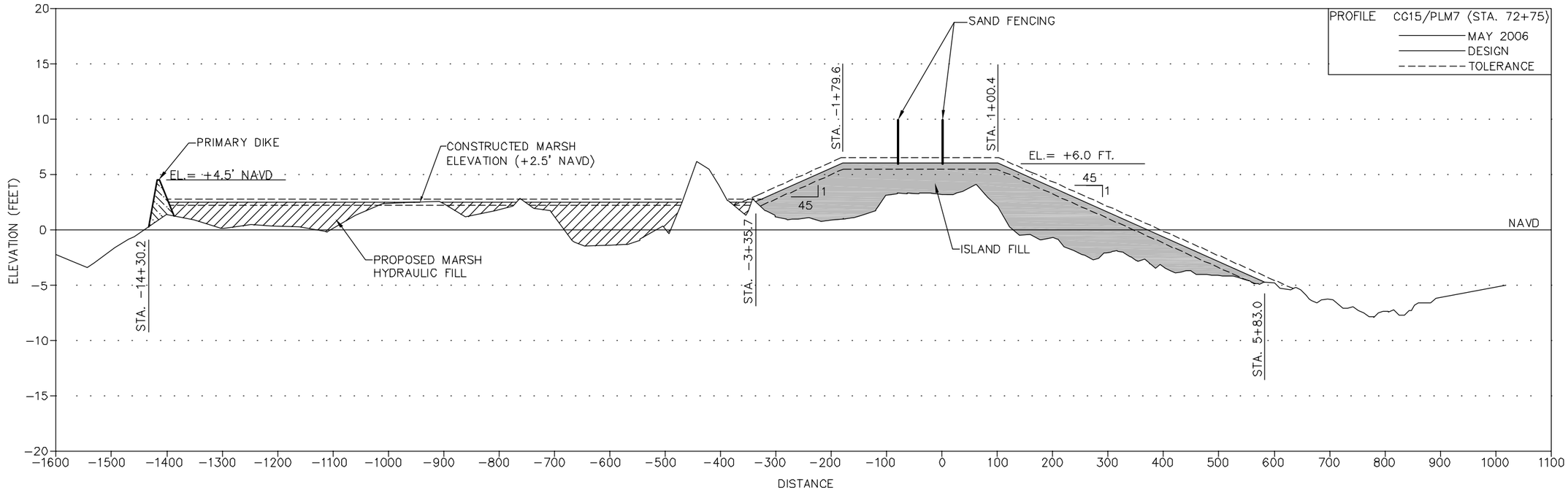
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

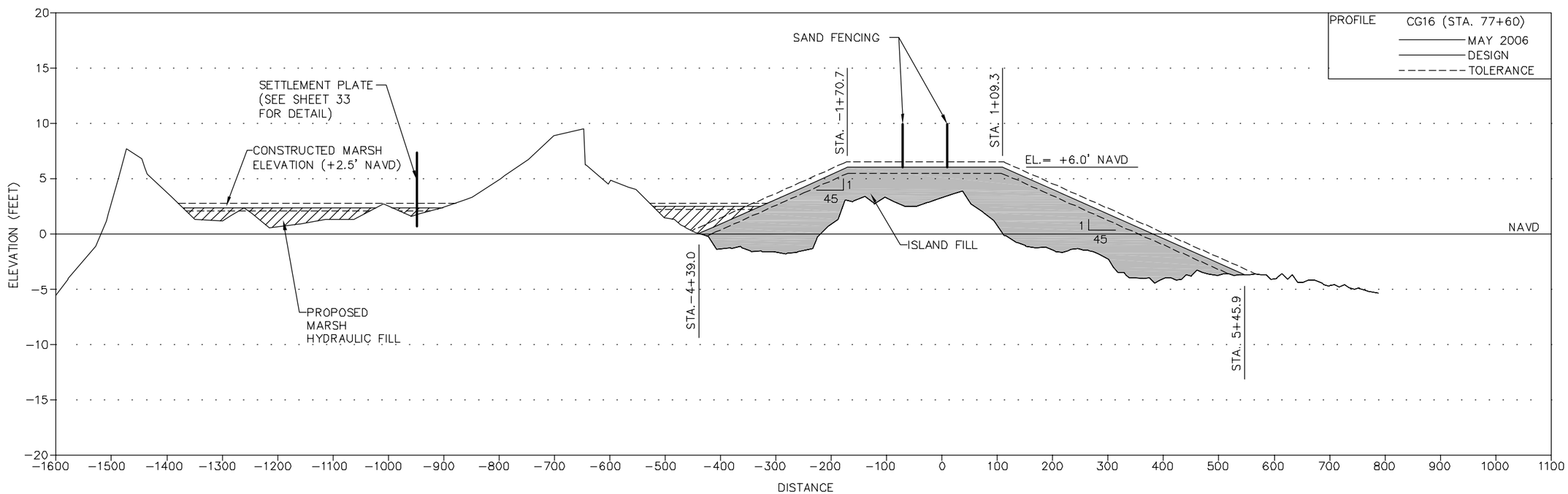
CROSS SECTIONS

DRAWING NO.

XS-7

SHEET 16 OF 33





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No.	Date	Description
1	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

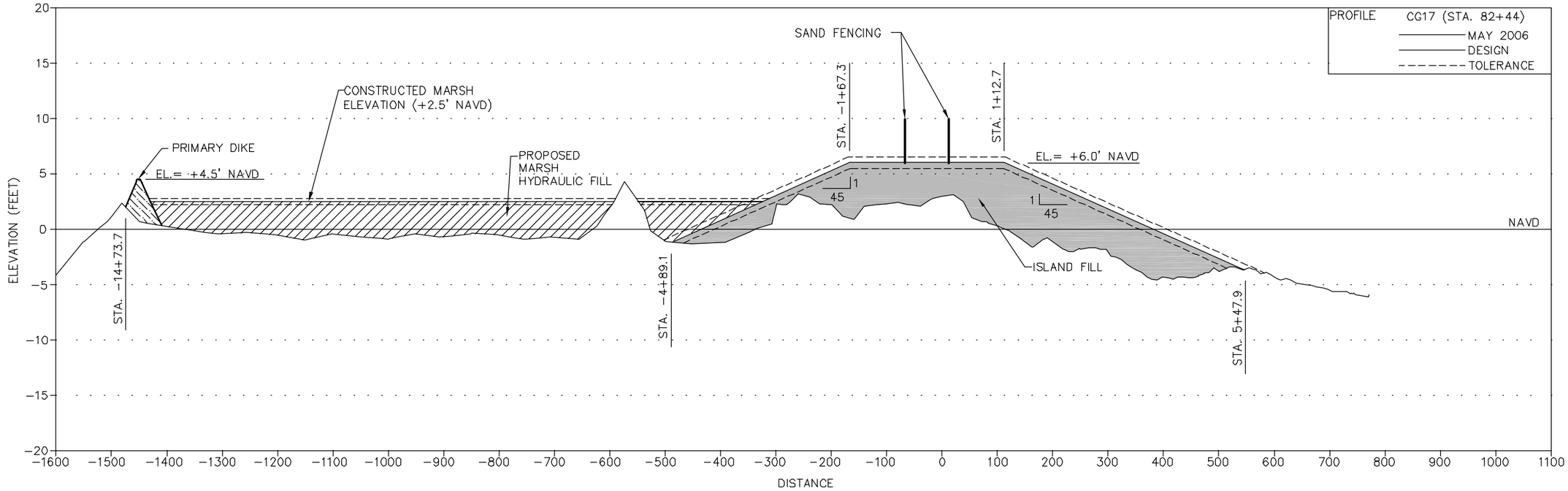
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00
Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Reference Files: BORDERSHALANS.DWG

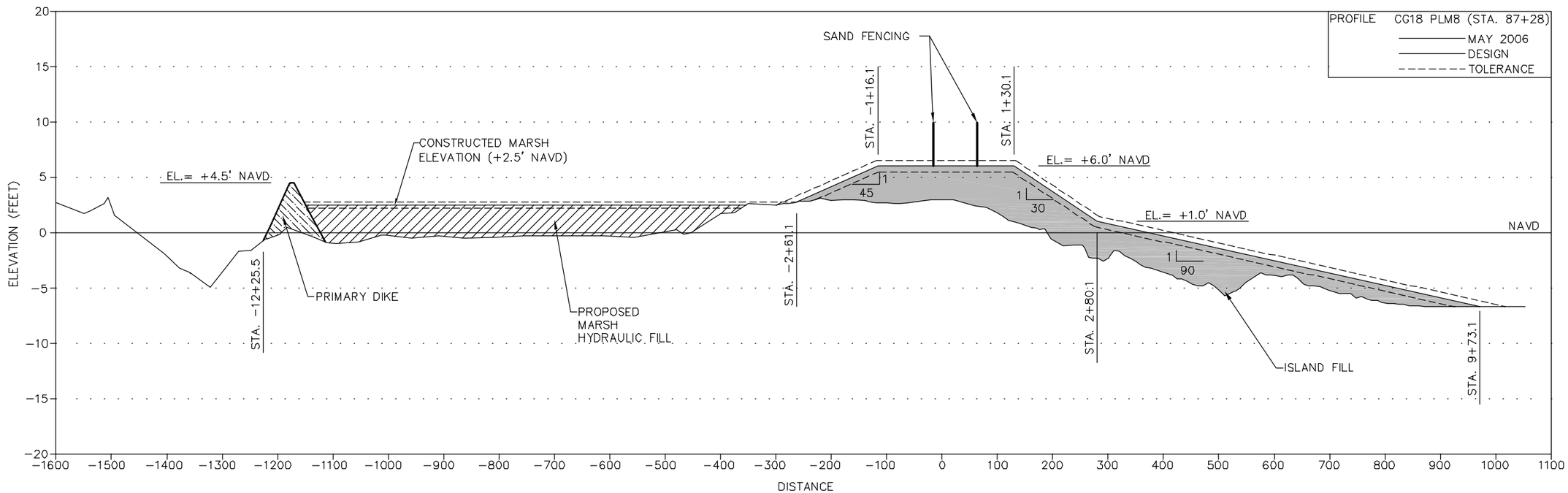
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-8





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No.	Date	Description
1	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

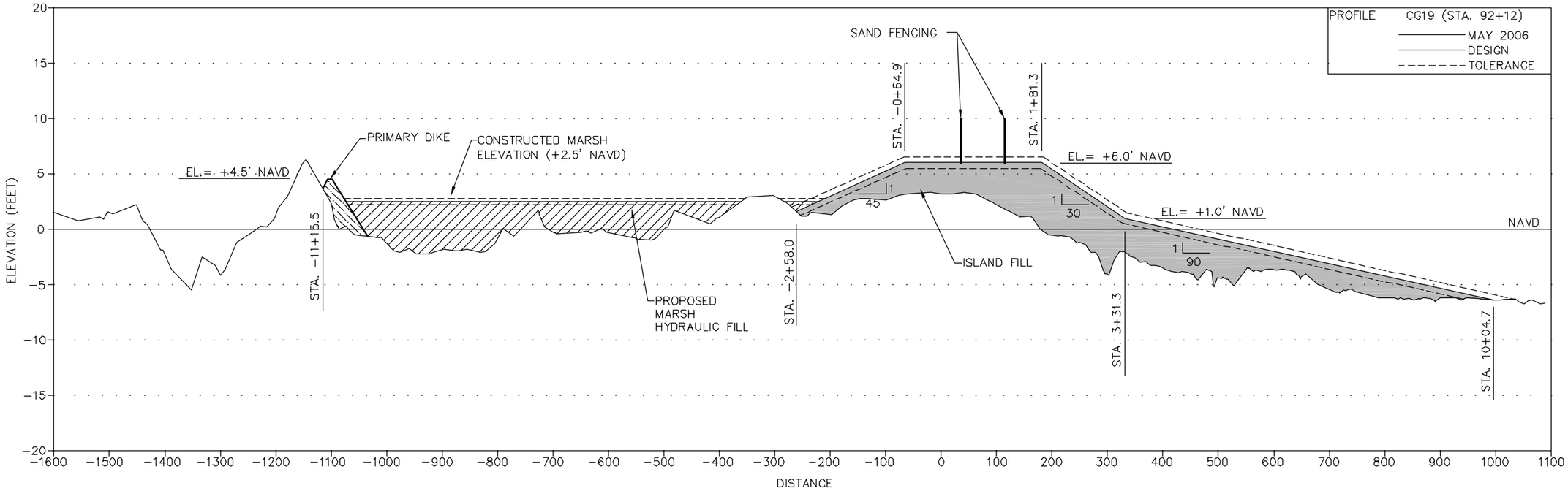
Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00
Reference Files: BORDERISLAND.DWG

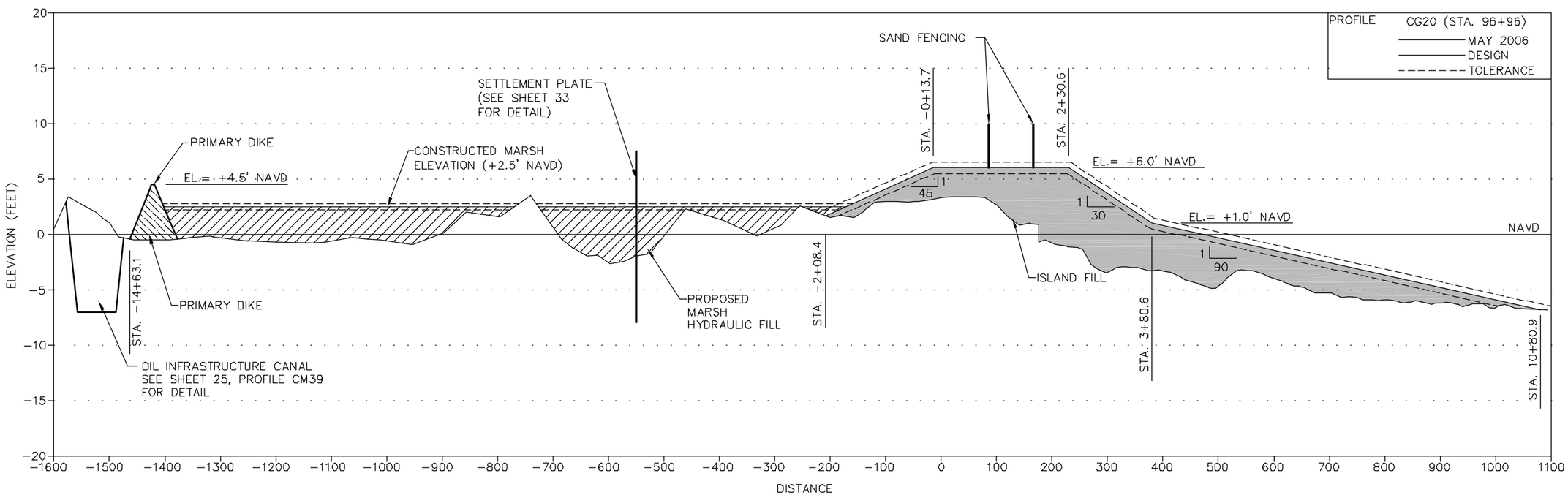
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-9





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No.	Date	Description
1	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00
Reference Files: BARDEROHALAND.DWG

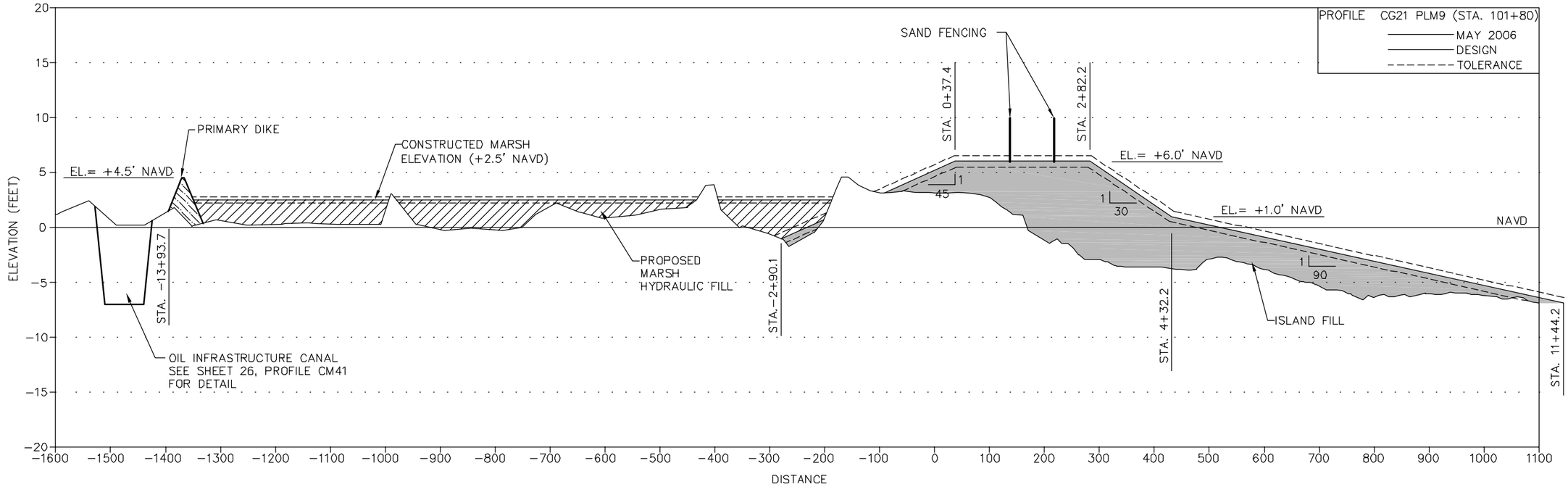
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT

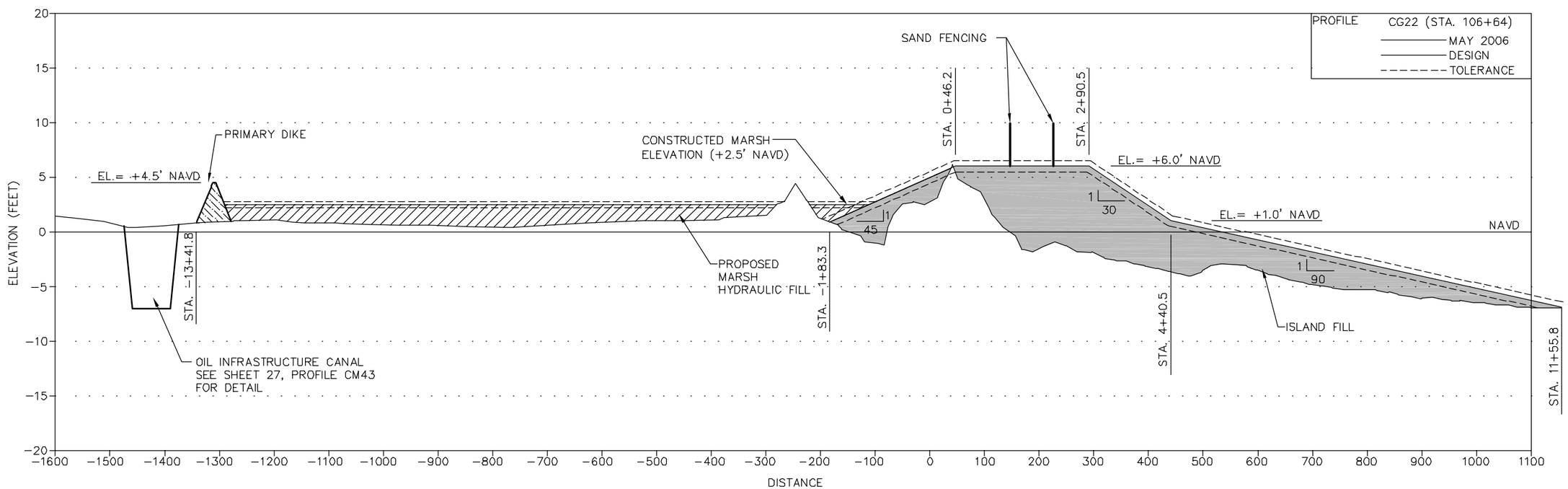
CROSS SECTIONS

DRAWING NO.

XS-10

SHEET 19 OF 38





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No.	Date	Description
1	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

Reference Files: BORDERGHALAND.DWG

Designed by: GT | Checked by: AB
Drawn by: TW | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No.: 7261.00

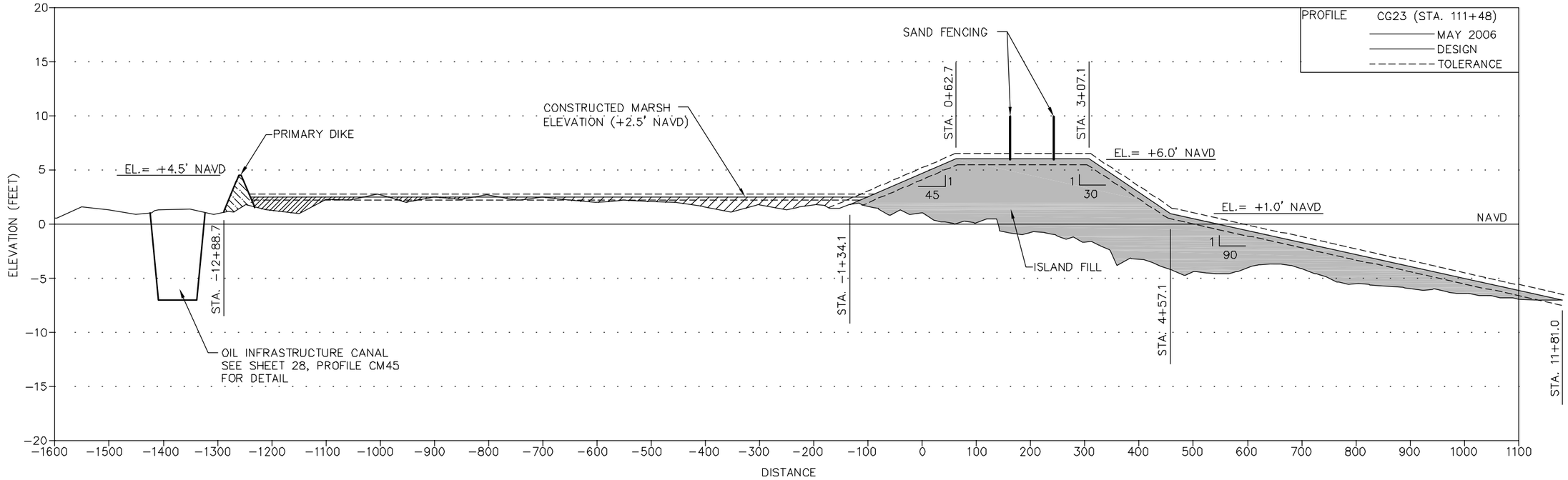
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT

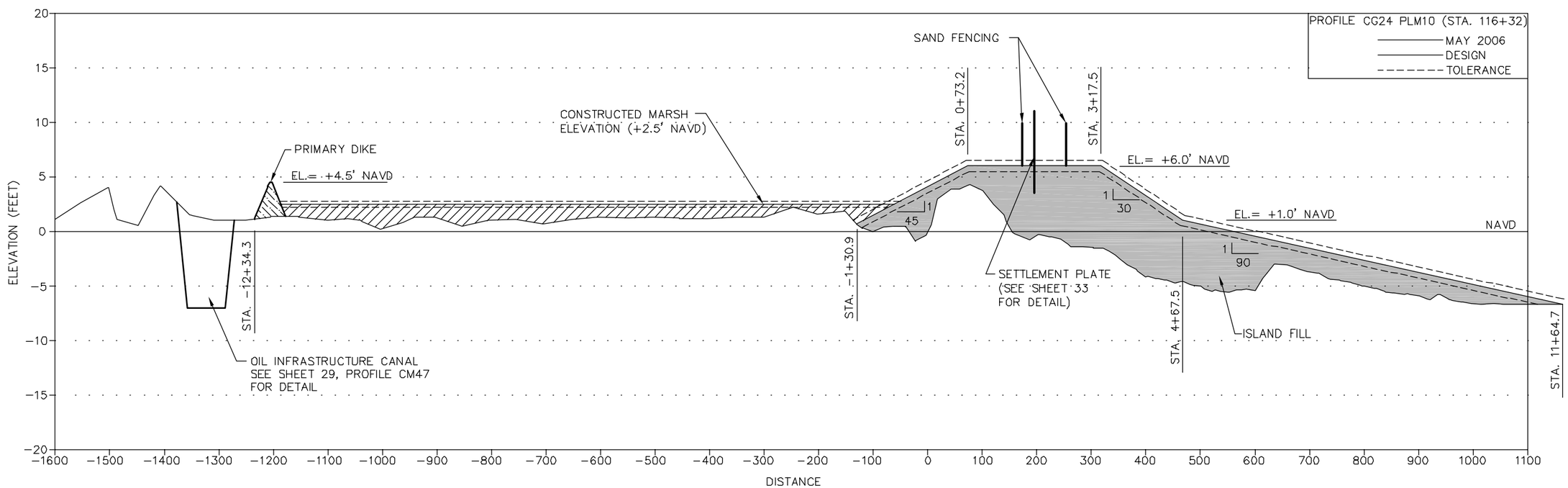
CROSS SECTIONS

DRAWING NO.

XS-11

SHEET 20 OF 38





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No.	Date	Description
1	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00

Reference Files: BORDERISLAND.DWG

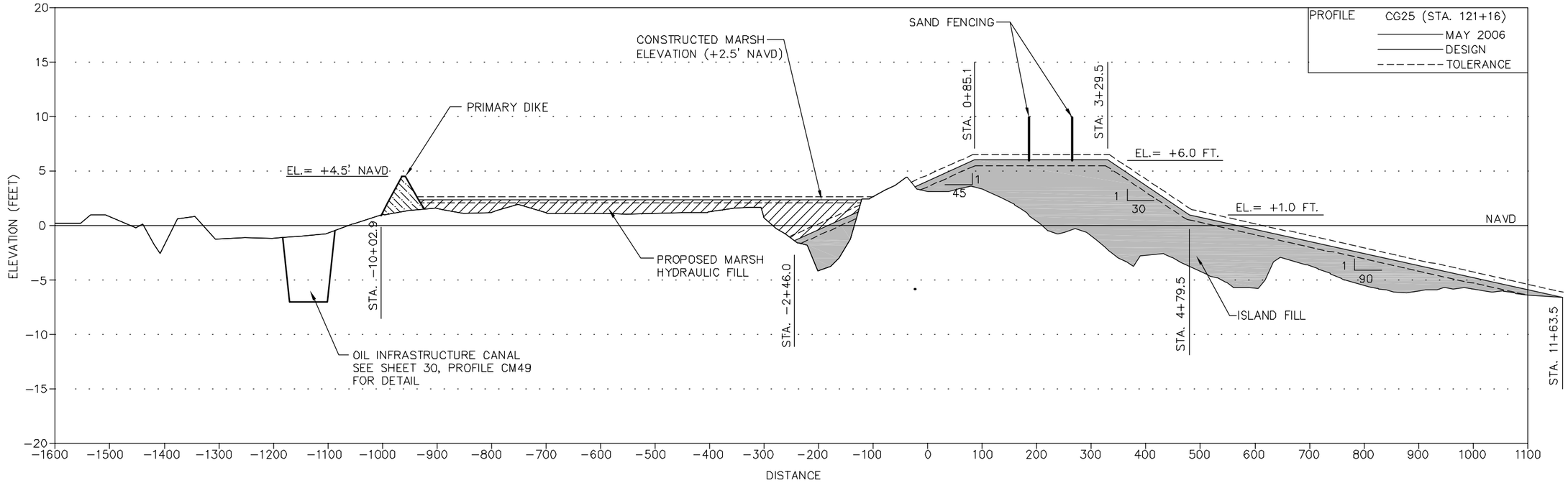
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

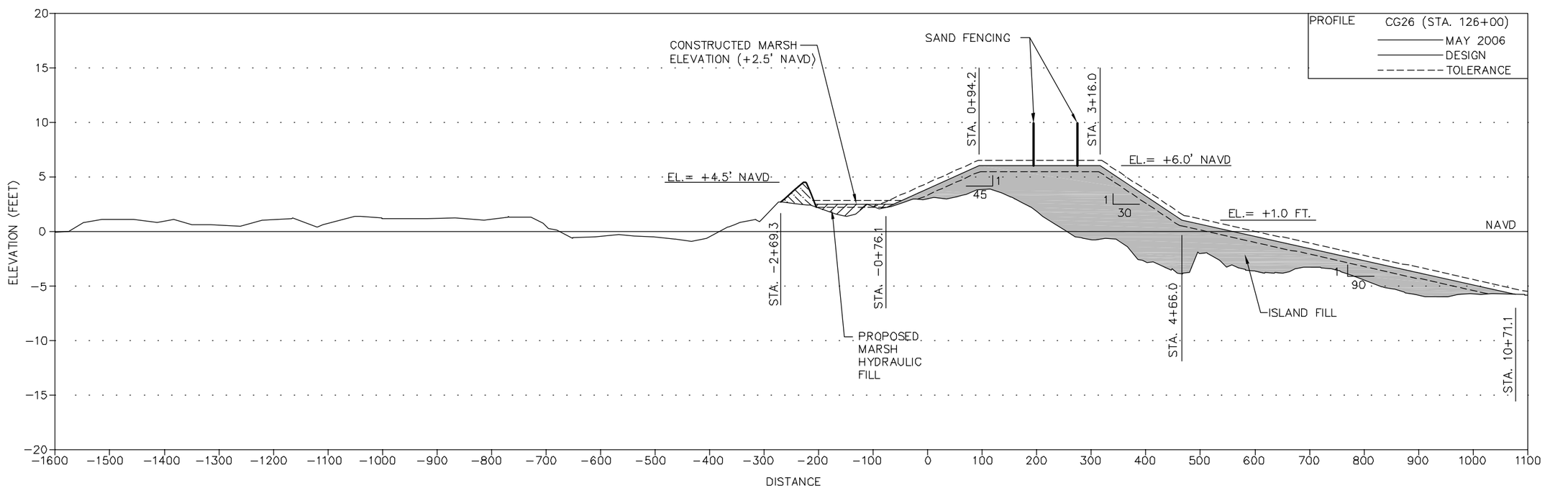
CROSS SECTIONS

DRAWING NO.

XS-12

SHEET 21 OF 38





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No.	Date	Description
1	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00
Reference Files: BARDEROHALAND.DWG

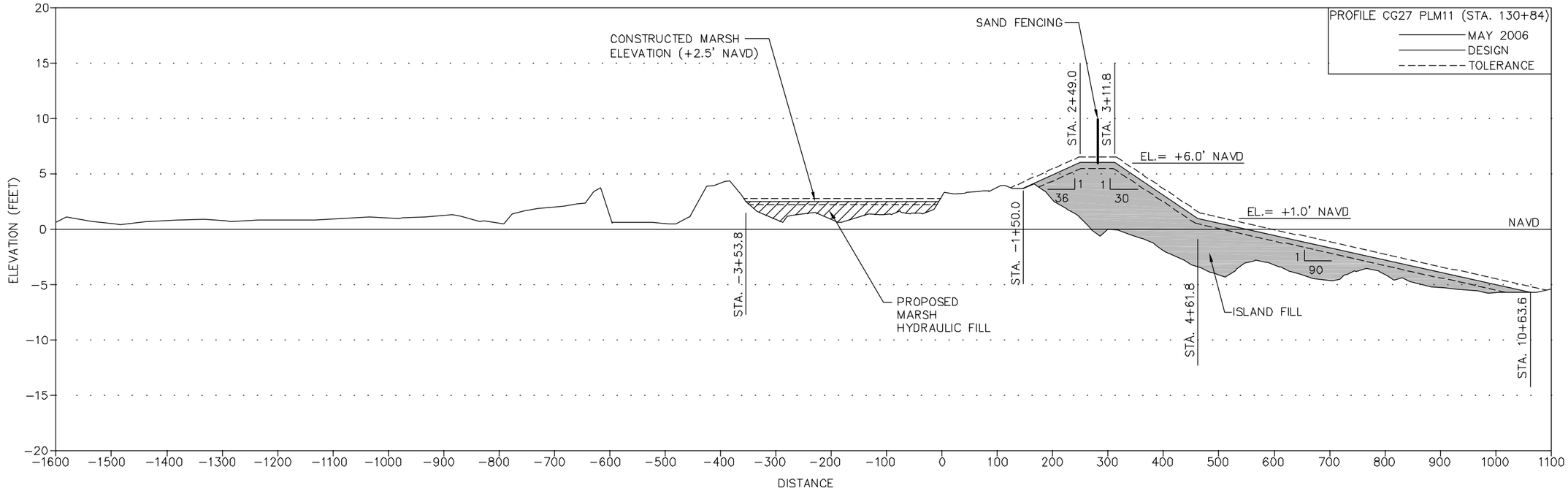
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT

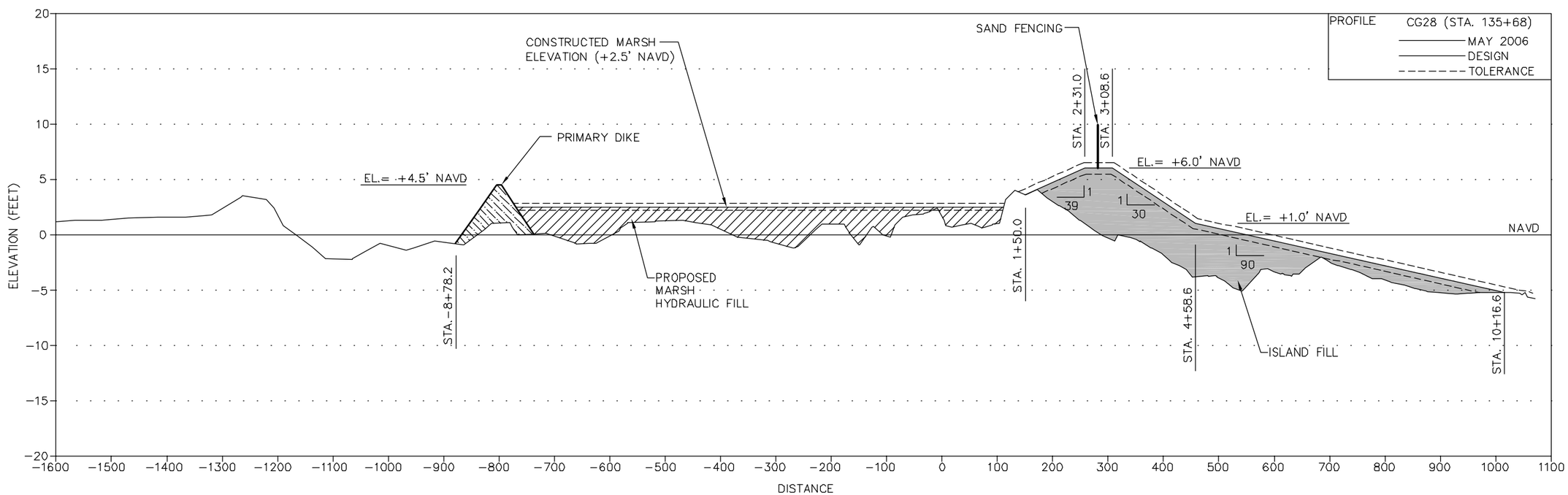
CROSS SECTIONS

DRAWING NO.

XS-13

SHEET 22 OF 38





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No.	Date	Description
1	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

Reference Files: BORDERISLAND.DWG

Designed by: GT | Checked by: AB
Drawn by: TW | Reviewed by: GT
Date: 5/24/06 | Submitted by: GT
Plot Scale: AS NOTED | Comm. No.: 7261.00

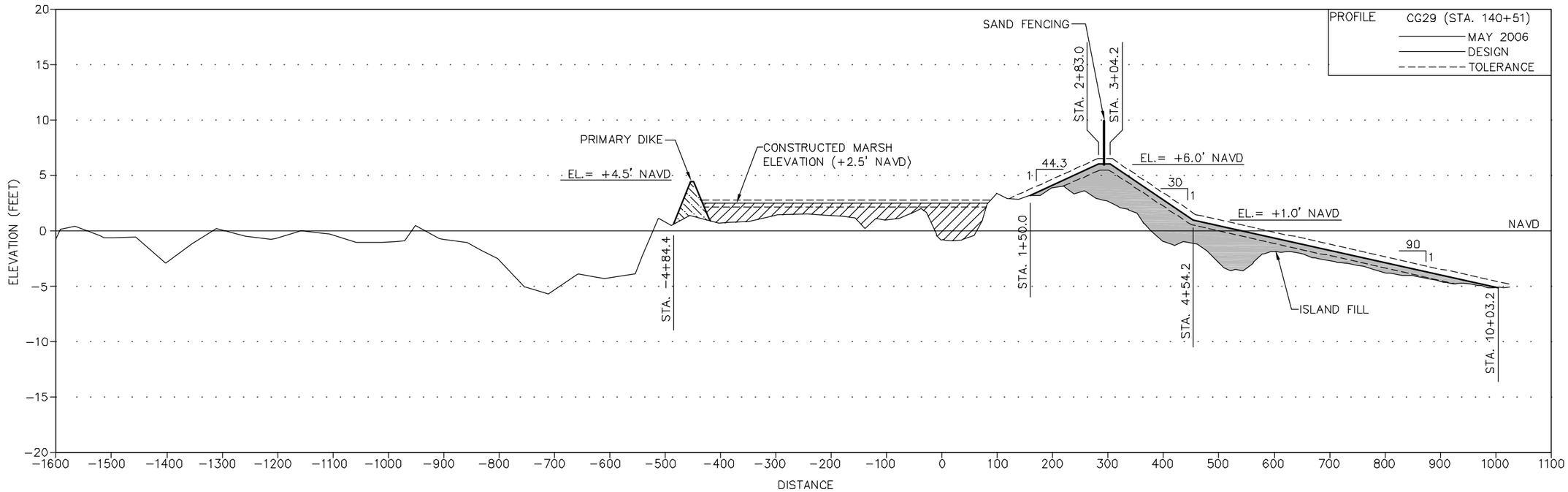
CHALAND HEADLAND RESTORATION (BA-38-2)
CWPPRA PROJECT

CROSS SECTIONS

DRAWING NO.

XS-14

SHEET 23 OF 38



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No.	Date	Description
1	4/19/06	PER COMMENTS
2	11/15/06	PLAN REVISION FOR CHANGE IN SLOPE REQUEST AND VOLUME REDESIGN.

Reference Files: BORDERSHALAND.DWG

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED

Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7261.00

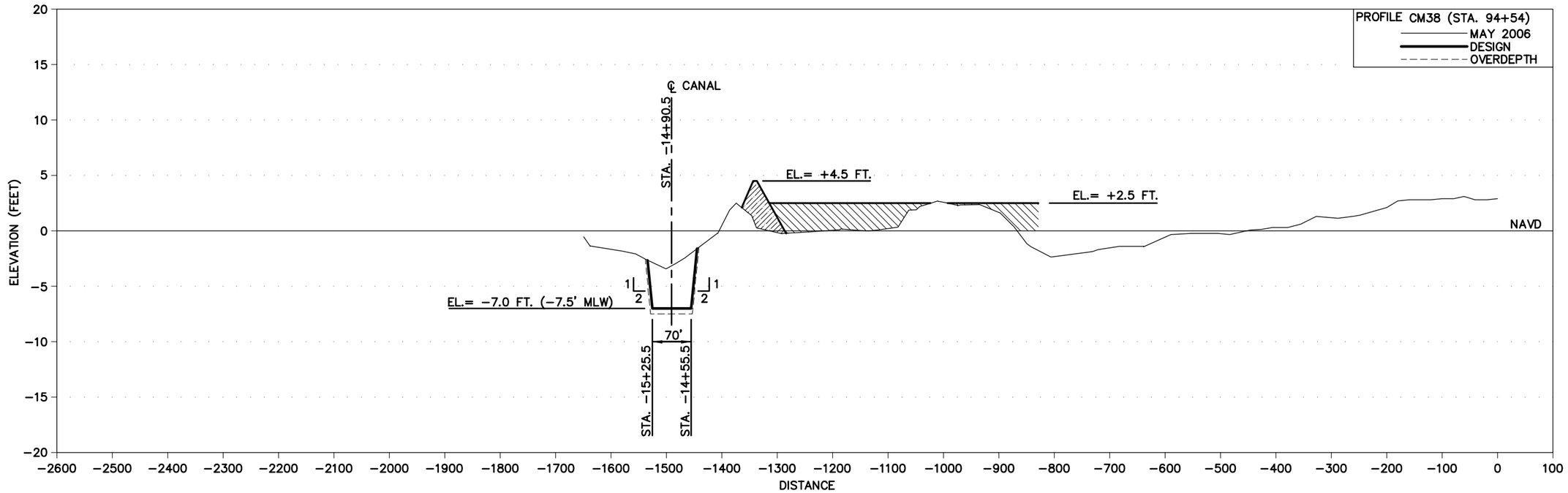
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

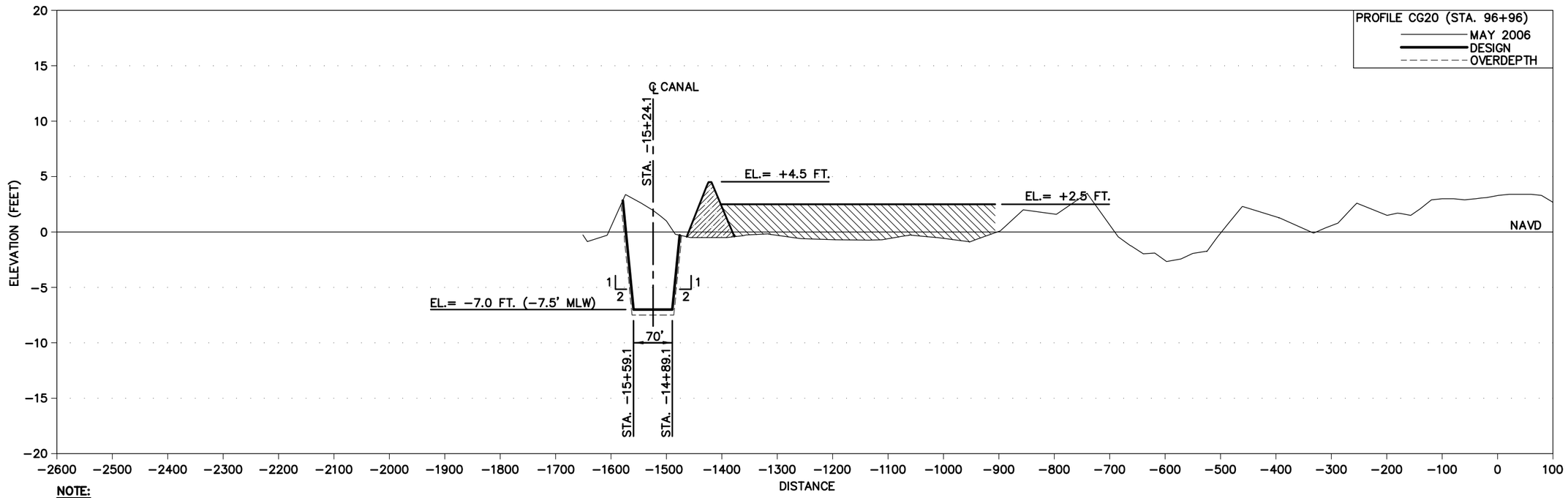
CROSS SECTIONS

DRAWING NO.

XS-15

SHEET 24 OF 38





NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. OVERDEPTH IS 0.5 FEET
3. THIS SHEET IS ONLY INTENDED TO SHOW OIL INFRASTRUCTURE ACCES CANAL DETAIL. PRIMARY DIKE AND MARSH SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

LEGEND:

DENOTES PRIMARY DIKE

DENOTES MARSH HYDRAULIC FILL

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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 726100

Reference Files: BASE/DEVELOPMENT

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.

XS-16

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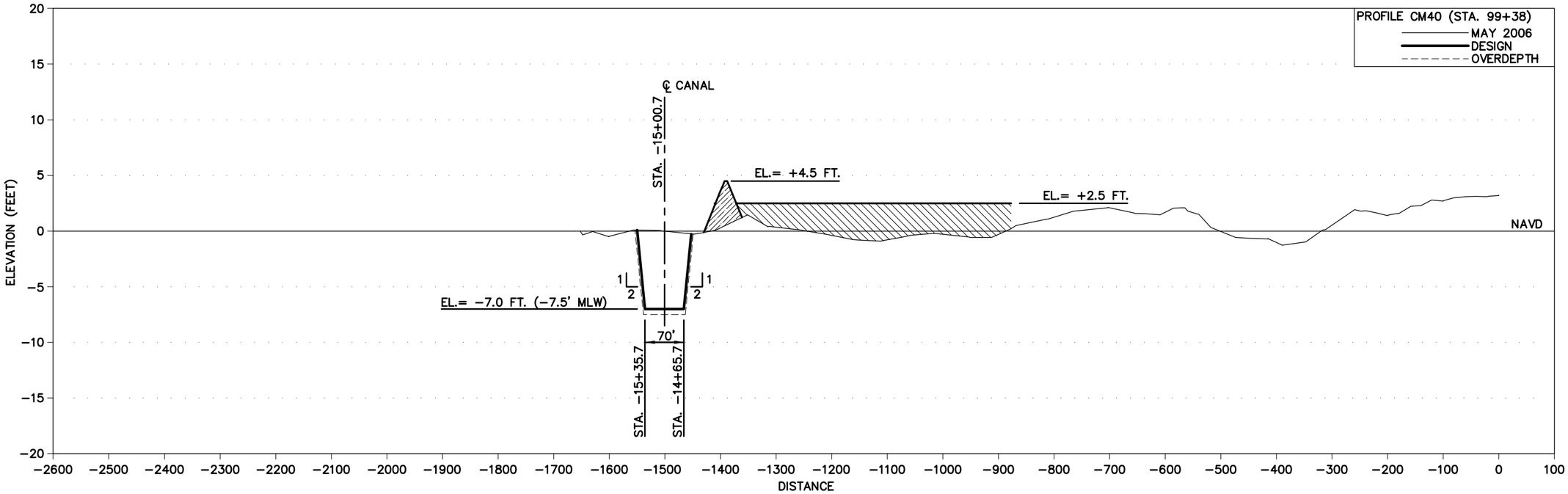

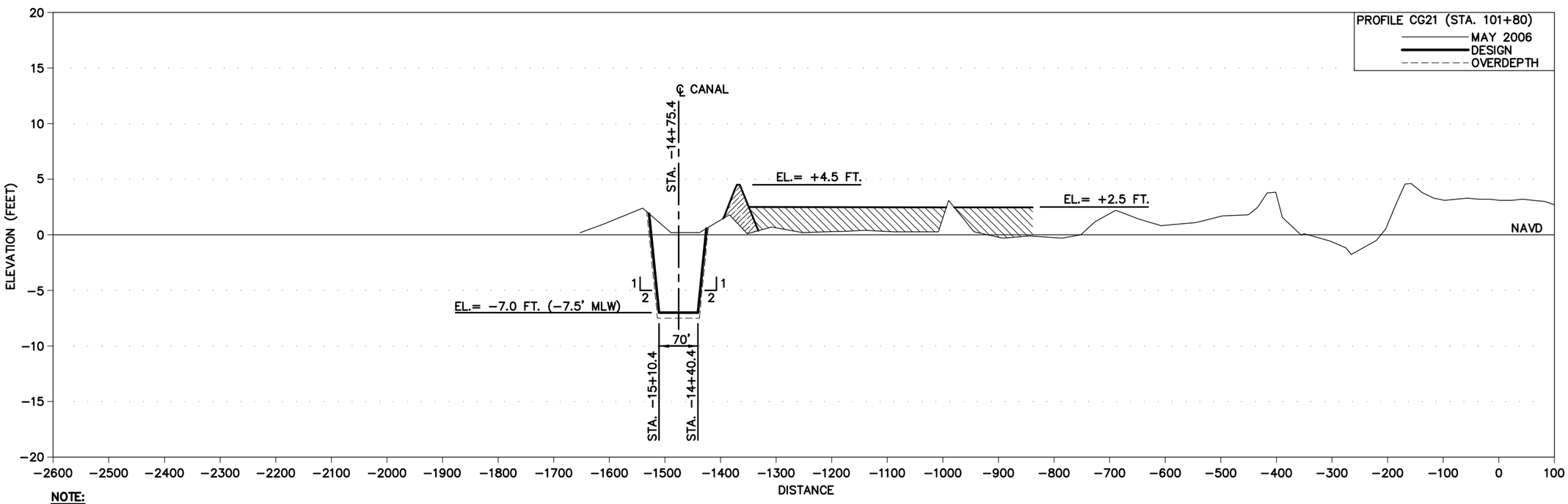

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LEGEND:

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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No: 7261.00

Reference Files: pandpcad\xsections

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.

XS-17

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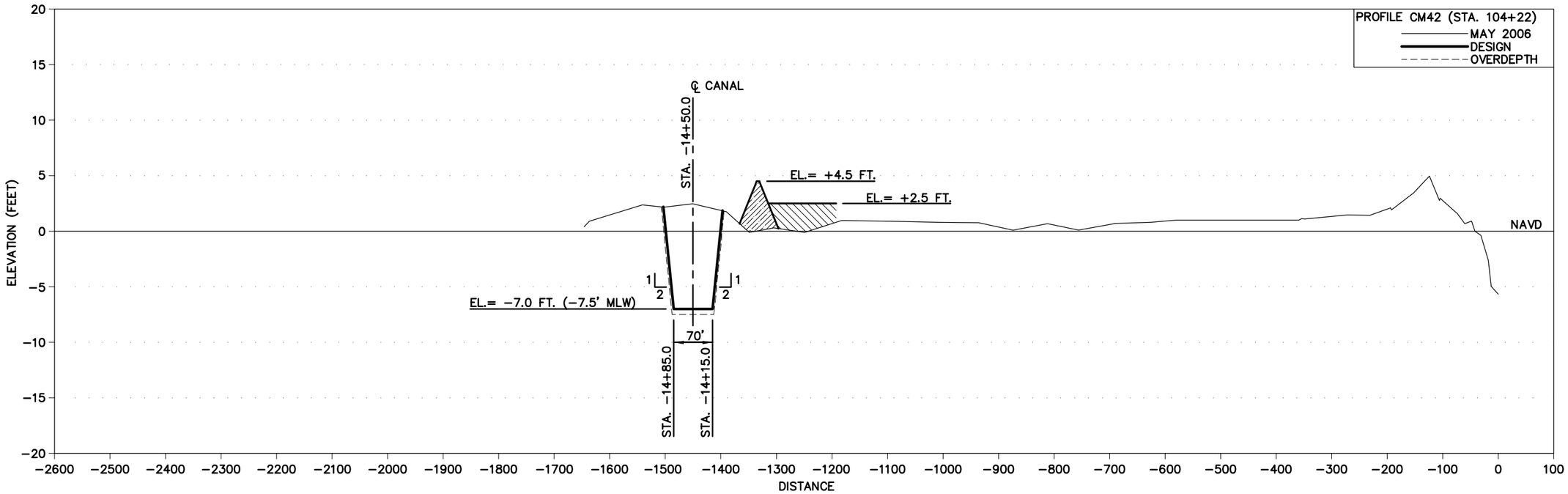

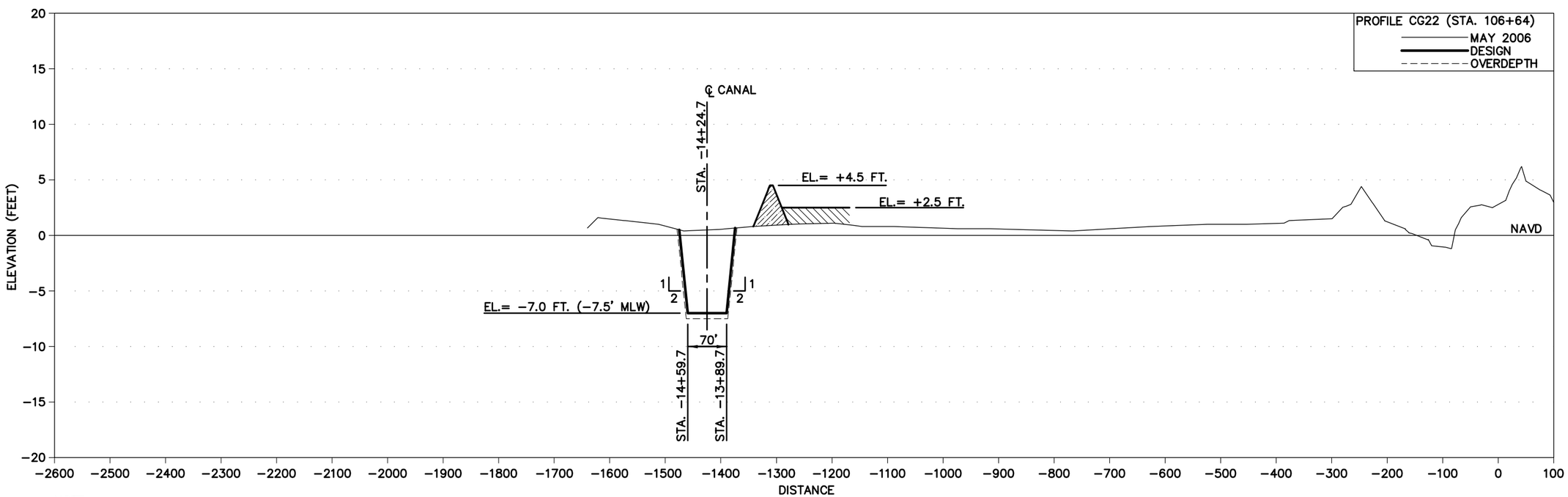

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LEGEND:

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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7261.00

Reference Files: pxdcs01cmd.dgn

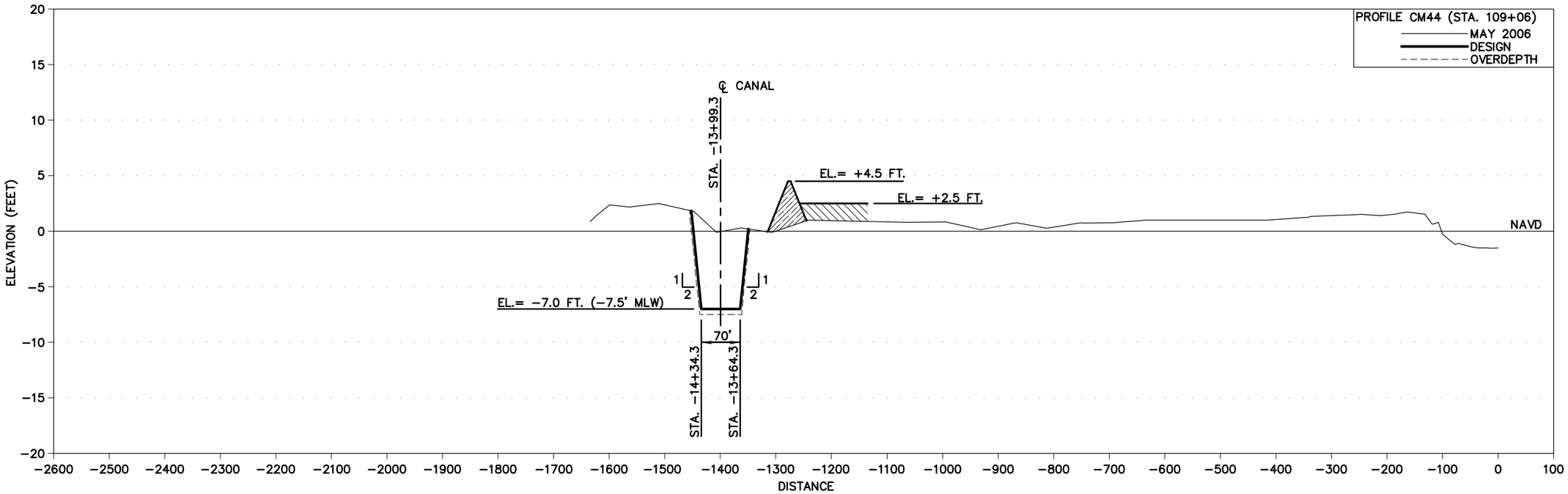
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

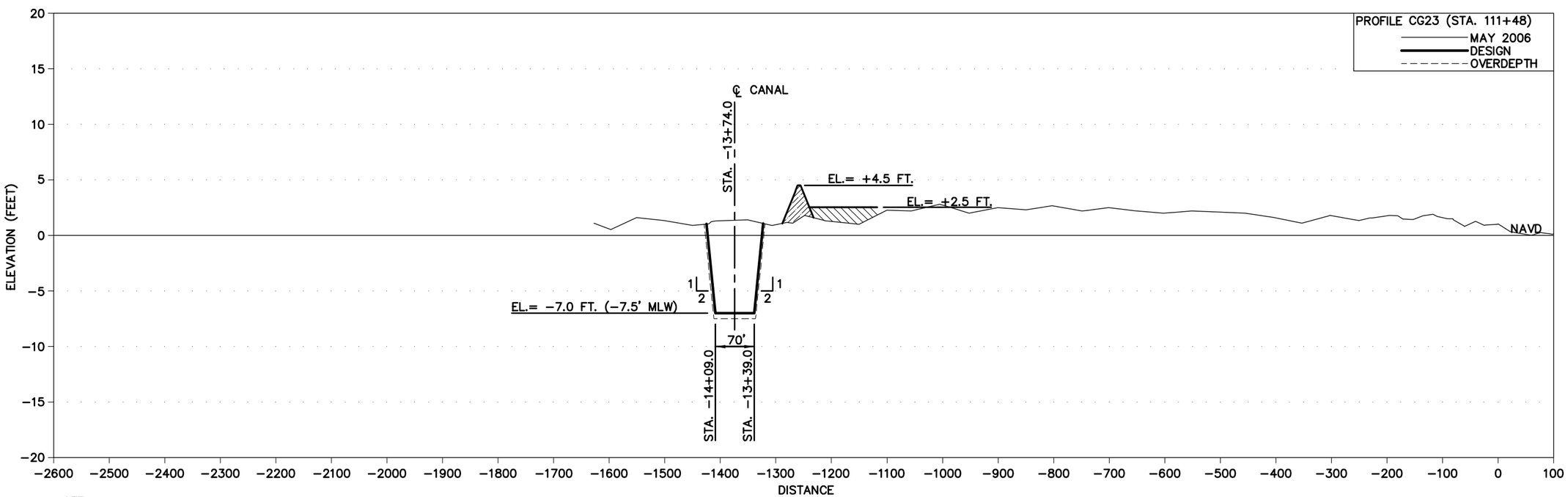
DRAWING NO.

XS-18

SHEET 27 OF 33

H:\Louisiana\7261.00\CONSTRUCTION\CHALAND\CHALAND CANAL X-SECTIONS.DWG





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LEGEND:

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DENOTES MARSH HYDRAULIC FILL

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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7261.00

Reference Files: pxdcs01cmxs.dgn

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.

XS-19

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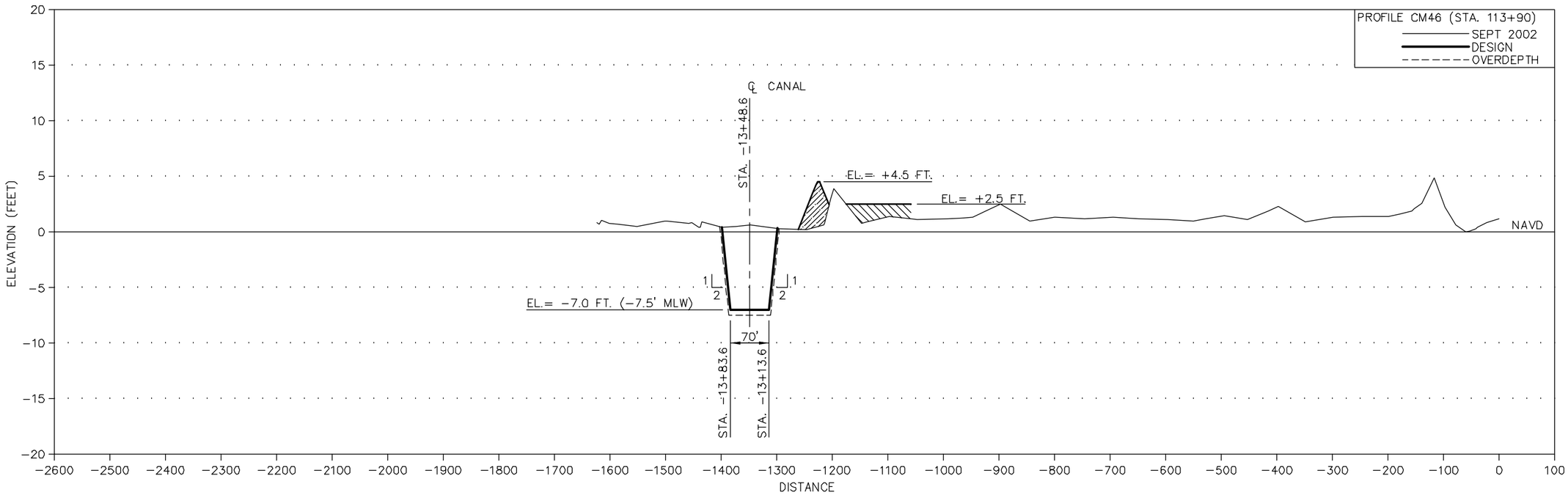

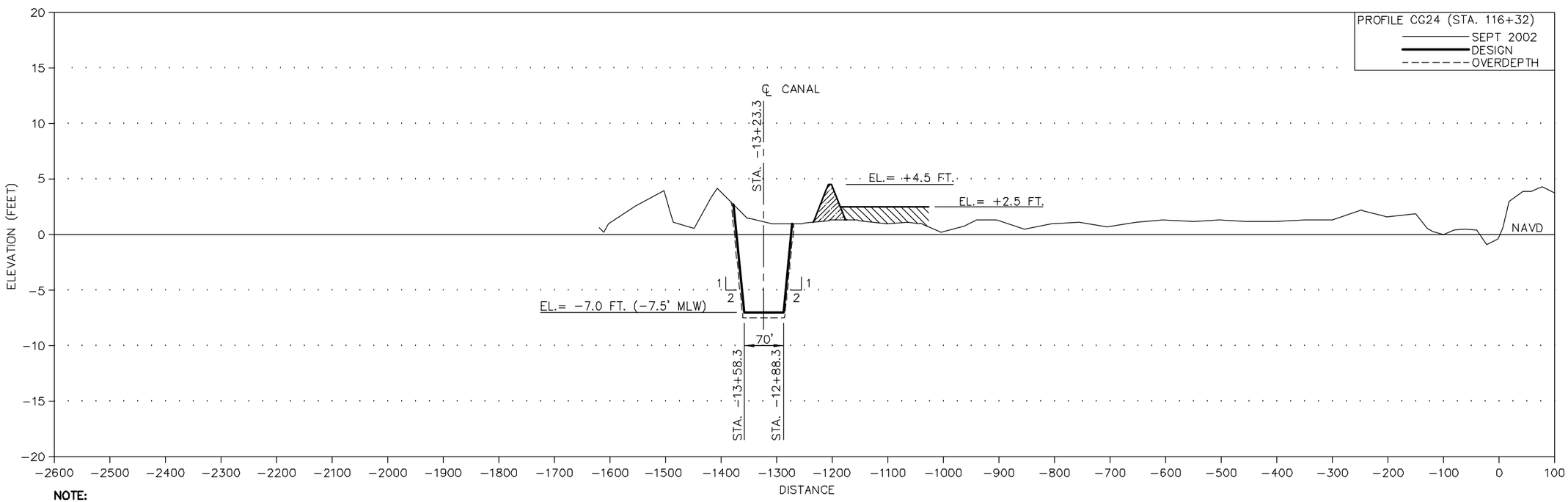

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LEGEND:

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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7261.00

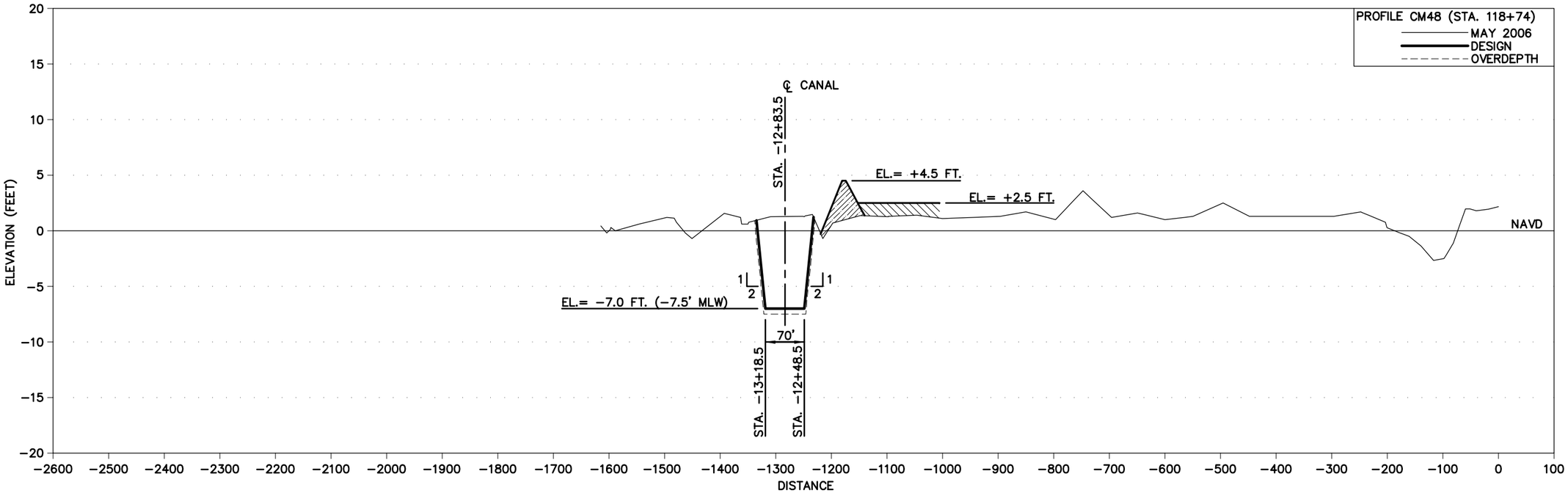
Reference Files: BOREDEPTHCHALAND.DWG

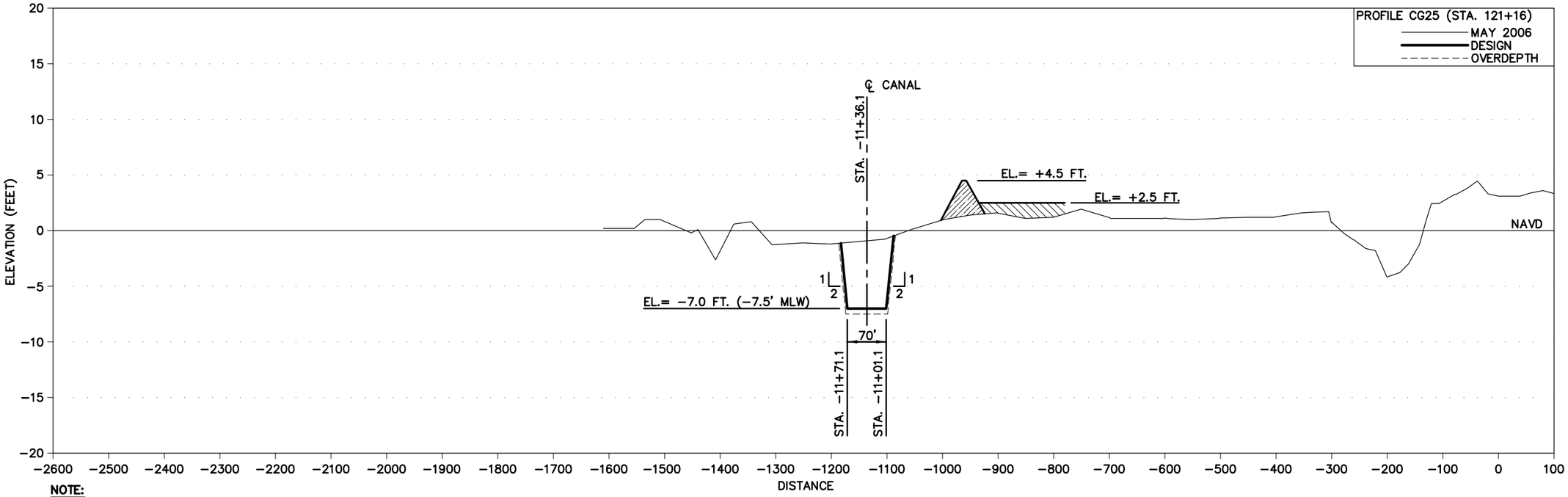
CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

OIL INFRASTRUCTURE ACCESS CANAL CROSS SECTIONS

DRAWING NO.

XS-20





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LEGEND:

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DENOTES MARSH HYDRAULIC FILL

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No.	Date	Description

Designed by: GT
Checked by: AB
Drawn by: TW
Reviewed by: GT
Date: 5/24/06
Submitted by: GT
Plot Scale: AS NOTED
Comm. No.: 7261.00

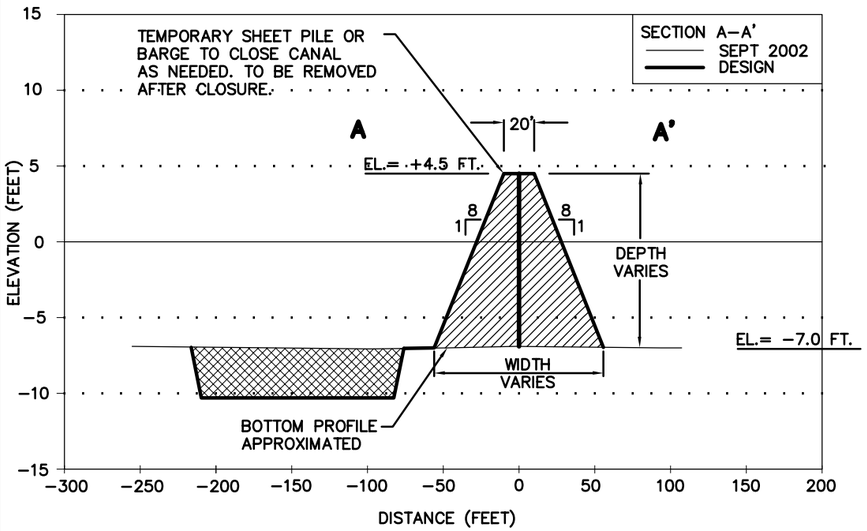
Reference Files: BASE/DEVELOPMENT

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT
OIL INFRASTRUCTURE
ACCESS CANAL
CROSS SECTIONS

DRAWING NO.

XS-21

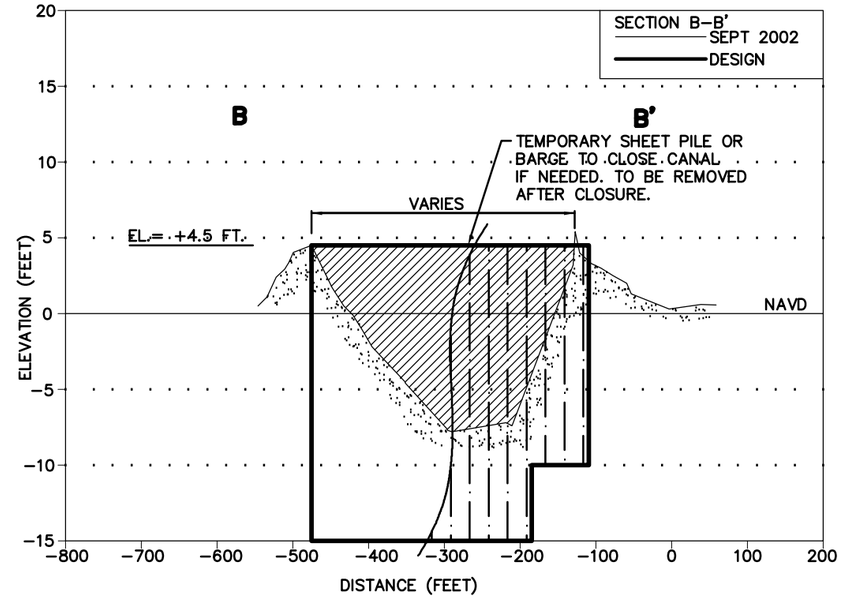
H:\Jobdirs\7261.00\CONSTRUCTION\CHALAND\CHALAND CANAL X-SECTIONS.DWG



CANAL CLOSURE CROSS SECTION A–A'

NOTES:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

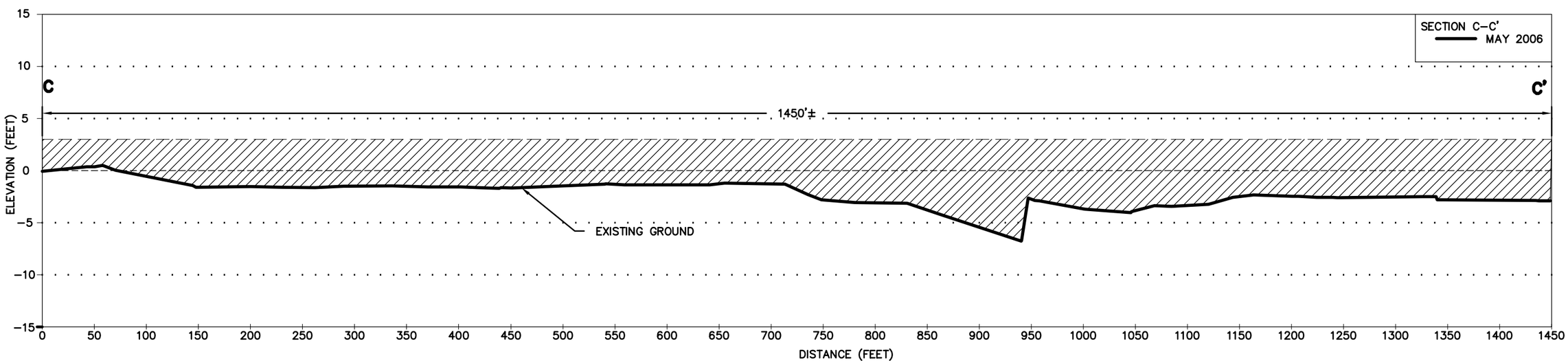
LEGEND:
- FILL MATERIAL TO CLOSE CANAL
- DENOTES EXCAVATED MARSH MATERIAL TO BE USED FOR CANAL CLOSURE



CANAL CLOSURE CROSS SECTION B–B'

NOTES:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.

LEGEND:
- FILL MATERIAL TO CLOSE CANAL



BREACH CLOSURE CROSS SECTION C–C'

LEGEND:
- SAND MATERIAL TO CLOSE BREACH

NOTES:
1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
2. DEPTH AND WIDTH OF BREACH VARIES.
3. SAND MATERIAL ONLY TO BE USED FOR CLOSURE OF BREACH.
4. EXISTING ELEVATION AND WIDTH OF BREACH HAVE CHANGED (JAN 2005). SEE CG9 AND CG10 SECTION ON SHEET 14.

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No.	Date	Description

Checked by: AB
Reviewed by: CT
Submitted by: CT
Comm. No.: 7261.00
Designed by: CT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Reference Files: BWDEBCHALAND.DWG

CHALAND HEADLAND RESTORATION (BA–38–2) CWPPRA PROJECT

CROSS SECTION DETAILS

DRAWING NO.

DE–1

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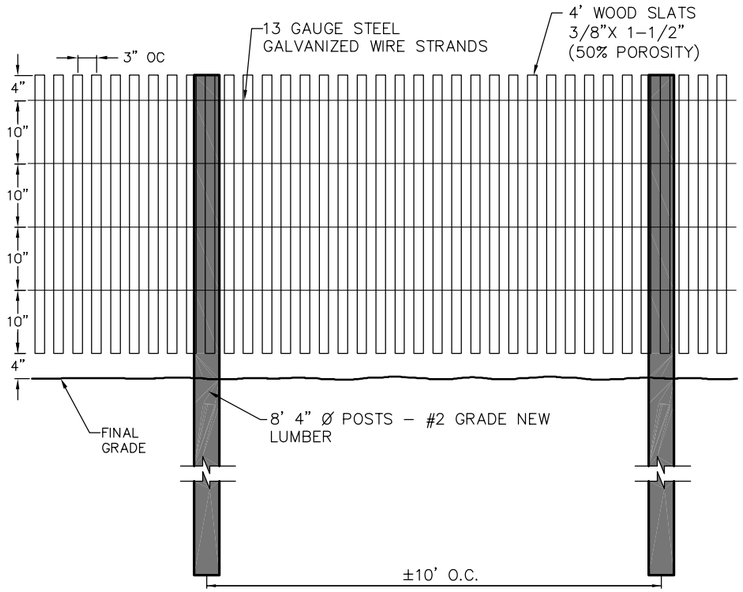
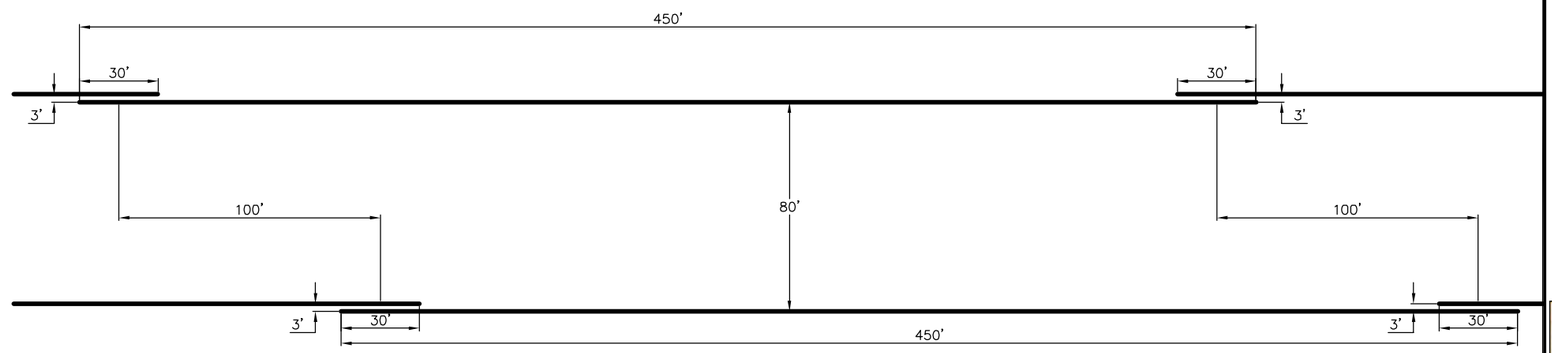


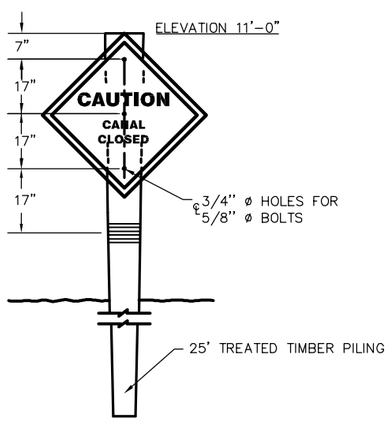
FENCING DETAILS

N.T.S.



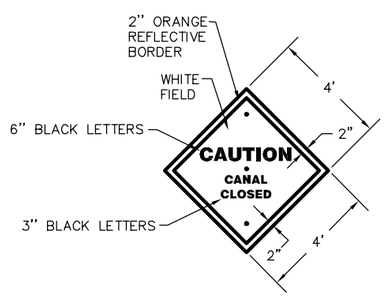
FENCE GAPPING DIMENSIONS

N.T.S.



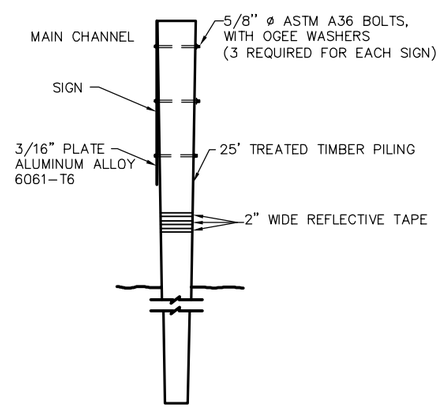
CAUTION SIGN ELEVATION

N.T.S.



CAUTION SIGN DETAIL

N.T.S.



CAUTION SIGN SIDE DETAIL

N.T.S.

GENERAL NOTES:

1. FIVE UNLIGHTED CAUTION SIGNS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON PLAN VIEWS.
2. THE 2" BORDER ON THE CAUTION SIGN WILL BE A REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD WILL BE A REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE CAUTION SIGNS WILL BE BLACK. ALL SIGNS MUST MEET U.S. COAST GUARD STANDARDS; IN ACCORDANCE WITH 33 CFR 330.4 (a) (1) WHICH CAN BE DOWNLOADED AT http://www.access.gpo.gov/nara/cfr/waisidx_02/33cfr330_02.html
3. NEOPRENE WASHERS SHALL BE PLACED BETWEEN THE SIGN AND THE PILING AT ALL POINTS OF CONTACT. SPACERS SHALL BE PLACED BETWEEN THE SIGN AND THE WASHERS. A PLASTIC OR NYLON SLEEVE SHALL BE PLACED TO PREVENT DIRECT CONTACT BETWEEN THE BOLT AND THE SIGN.
4. HARDWARE FOR TIMBER CONNECTIONS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH SECTION 811.5 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS PUBLISHED BY THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, LATEST EDITION.
5. ALL TIMBER PILINGS SHALL CONFORM TO LA DOTD 2000 STANDARD SPECIFICATION SECTIONS 812 AND 1014. ALL PILING SHALL BE TREATED WITH CREOSOTE OR CHROMATED COPPER ARSENATE (CCA). ALL CREOSOTE TREATMENT SHALL MEET AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) P2 WITH A MINIMUM RETENTION OF 20 LB./CU. FT. ALL CREOSOTE TREATED PILINGS SHALL BE STEAM FLUSHED FOR A MINIMUM OF ONE (1) HOUR AT 240°F (116°C) AFTER TREATMENT. ALL CCA TREATED PILES SHALL CONFORM TO AWPA CW WITH A MINIMUM RETENTION OF 2.5 LB./CU. FT. OF CCA OXIDES IN THE OUTER 0.60 INCHES. RETENTION SHALL BE DETERMINED BY ASSAY PERFORMED AND CERTIFIED BY THE TREATING COMPANY.
6. TIMBER PILING SHALL BE 25-FEET IN LENGTH WITH A NOMINAL 12-INCH DIAMETER BUTT AND 8-INCH MINIMUM DIAMETER AT THE TIP, PER ASTM D25.

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No.	Date	Description

Designed by: GT
Drawn by: TW
Date: 5/24/06
Plot Scale: AS NOTED
Checked by: AB
Reviewed by: GT
Submitted by: GT
Comm. No.: 7281.00
Reference Files: BORDERCHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

SAND FENCING
& SIGN DETAILS

DRAWING NO.
DE-2

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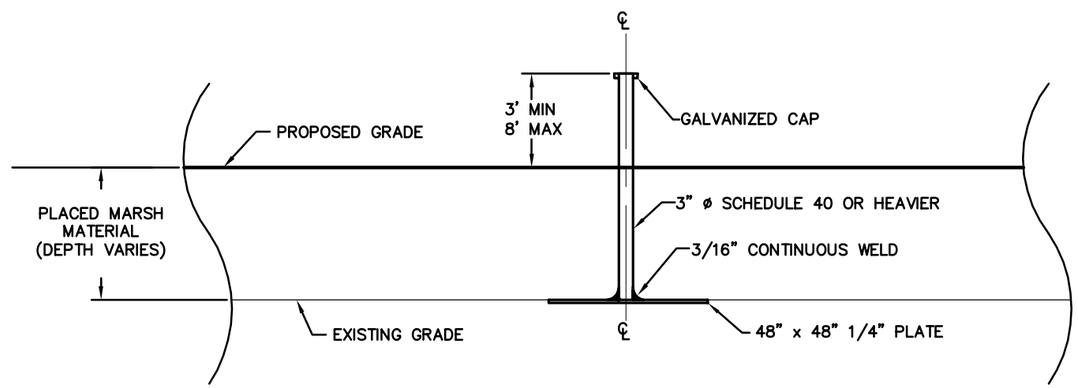

SETTLEMENT PLATE DETAIL
NOT TO SCALE

SETTLEMENT PLATE LOCATIONS		
PROFILE LINE	STATION	LOCATION
CG4	−0+45	MIDDLE OF SAND DUNE
CG8	−6+00	MARSH
CG13	−14+22	C.L. OF PRIMARY DIKE
CG16	−8+48	MARSH
CG20	−5+50	MARSH
CG24	1+55	MIDDLE OF SAND DUNE
CG28	−8+37	C.L. OF PRIMARY DIKE

NOTE:
1. SETTLEMENT PLATES SHALL BE BUILT USING ASTM A36 STEEL AND HOT-DIPPED GALVANIZED AFTER FABRICATION.

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Date: 5/24/06
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Comm. No.: 7261.00
Reference Files: BREREFCHALAND.DWG

CHALAND HEADLAND RESTORATION
(BA-38-2)
CWPPRA PROJECT

SETTLEMENT PLATE DETAIL

DRAWING NO.
DE-3
SHEET 33 OF 33

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