

March 1998 CIR DOQQs (Preconstruction)



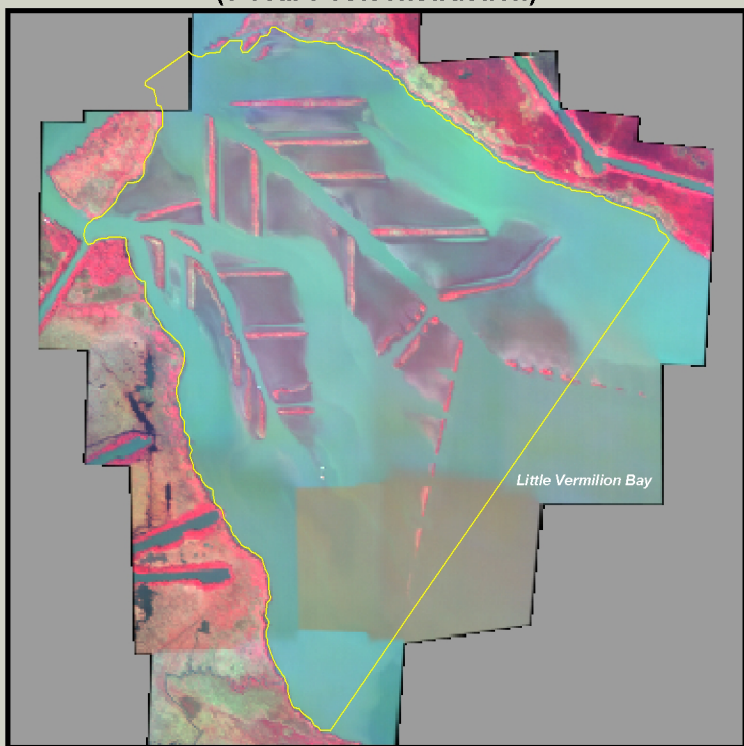
March 1998 Classification Results (Acres)

Land	9
Water	1,095
Total	1,104

1998 Land-Water Classification Analysis



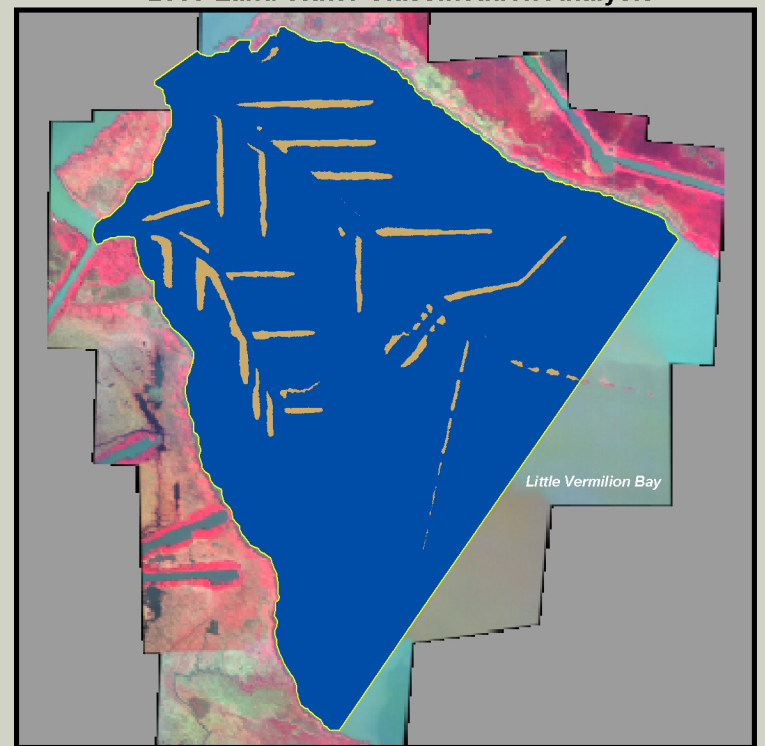
March 2005 CIR Digital Photomosaic (6 Year Postconstruction)



March 2005 Classification Results (Acres)

Land	53
Water	1,051
Total	1,104

2005 Land-Water Classification Analysis



Natural Color Digital Image (2005)



1998 to 2005 Land-Water Change Results (Acres)

Land loss	4
Land gain	48
Land unchanged	5
Water unchanged	1,047
Total	1,104

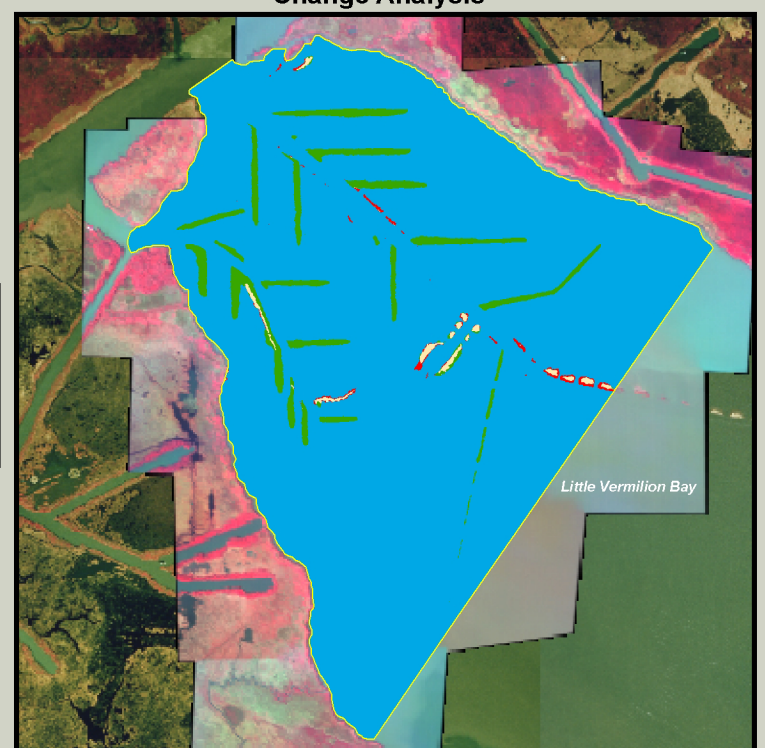
Project Boundary

Project Location



Vermilion Parish

1998 to 2005 Land-Water Change Analysis



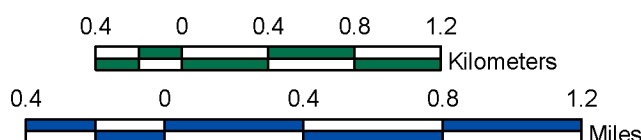
This is a aerial digital image of Little Vermilion Bay Sediment Trapping (TV-12) project. Terrace construction for the project was completed in August 1999. The image shows sediment deposition, visible during low tides, that has occurred between terraces. The image was acquired by USGS equipment on March 23, 2005 from 8,500 ft.

Data Sources:

National Aerial Photography Program (NAPP) photography for Digital Orthophoto Quarter Quadrangles (DOQQs) was acquired on March 1, 1998 at 1:40,000 scale. Color infrared (CIR) digital photography was acquired by USGS equipment on March 23, 2005 at 8,500 ft. Ground Sampling Distance = 0.70 m.



Scale = 1:35,000



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Land-Water Classification:

Coastal land-water classification is variable based on water level. The land class includes vegetated areas and constructed terraces above the water line when photographed. For the 1998 to 2005 land-water change analysis, the water class includes mudflats (tidally exposed, non-vegetated lake bottom at the time of flight). "Land loss" in the change analysis includes the preconstruction "land" (1998 data) that has been lost, while "land gain" includes the acreage of constructed terrace present when photographed in 2005. "Land unchanged" includes the preconstruction "land" (1998 data) that was still present when photographed in 2005. "Water unchanged" is the difference between preconstruction water acreage (1998 data) minus "land gain" in 2005.