WETLAND VALUE ASSESSMENT COMMUNITY MODEL
Brackish Marsh

Project.....Barataria Bay Waterway Shore Protection
PBA–12 Increment 1 West Bank
Condition: Future Without Project

Marsh type acres..... 1789

Variable		TY 0		TY 1		TY 20	
		Value	SI	Value	SI	Value	SI
V1	% Emergent	16	0.24	15	0.24	1	0.11
V2	% Aquatic	80	0.86	78	0.85	33	0.53
V3	Interspersion	%		%		%	
	Class 1		0.22		0.22		0.21
	Class 2						
	Class 3	10		10		6	
	Class 4	90		90		94	
	Class 5						
V4	%OW <= 1.5ft	90	0.80	90	0.80	70	1.00
V5	Salinity (ppt)	5	1.00	5	1.00	7	1.00
V6	Access Value	1.00	1.00	1.00	1.00	1.00	1.00
		HSI =	0.47	HSI =	0.47	HSI =	0.35

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Marsh type acres..... 1789

Variable		TY 0		TY 1		TY 20	
		Value	SI	Value	SI	Value	SI
V1	% Emergent	16	0.24	16	0.24	14	0.23
V2	% Aquatic	80	0.86	85	0.90	90	0.93
V3	Interspersion	%		%		%	
	Class 1		0.22		0.22		0.22
	Class 2						
	Class 3	10		10		8	
	Class 4	90		90		92	
	Class 5						
V4	%OW <= 1.5ft	90	0.80	90	0.80	90	0.80
V5	Salinity (ppt)	5	1.00	3	1.00	3	1.00
V6	Access Value	1.00	1.00	0.60	0.64	0.60	0.64
		HSI =	0.47	HSI =	0.45	HSI =	0.44

AAHU CALCULATION

Project: Barataria Bay Waterway Shore Protection
PBA–12 Increment 1 West Bank

Future Without Project			Total	Cummulative
TY	Acres	x HSI	HU's	HU's
0	1789	0.47	846.85	
1	1789	0.47	832.08	839.46
20	1789	0.35	617.43	13770.30
			AAHU's =	730.49

Future With Project			Total	Cummulative
TY	Acres	x HSI	HU's	HU's
0	1789	0.47	846.85	
1	1789	0.45	801.64	824.24
20	1789	0.44	781.04	15035.43
			AAHU's	792.98

NET CHANGE IN AAHU'S DUE TO PROJECT	
A. Future With Project AAHU's =	792.98
B. Future Without Project AAHU's =	730.49
Net Change (FWP – FWOP) =	**62.50**